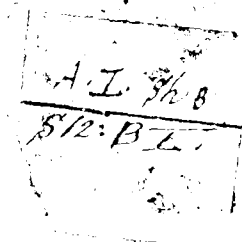


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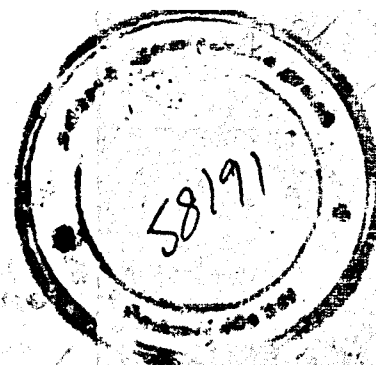


S. 1



Settlement
Report
of Kurnool Prop.

The appendix of this contains
the Sett Report of Kurnool Prop.
by Mr. Morris.



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APPENDICES.

- A. Letter from F. W. Morris, Esquire, Deputy Director of Revenue Settlement, Kistna and Kurnool Districts, dated 4th July 1863, No. 593, (with enclosures.)
- B. Letter from J. I. Minchin, Esquire, Collector of Kurnool, dated 17th October 1863, No. 315.



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REVENUE SETTLEMENT OFFICE,
MADRAS, 27th October 1863.

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

To W. HUDLESTON, Esquire,
Secretary to the Board of Revenue.

SIR,

OPENING REMARKS.—1. I have the honor to submit a proposal for the Revenue Settlement of the four taluks of Kurnool proper, taken up by this Department in accordance with the Orders of Government, dated 7th December 1860, No. 2,518, and 6th March 1861, No. 510. A full report drawn up by the late lamented Deputy Director of Revenue Settlement, Mr. F. W. Morris, is forwarded with this letter.

Appendix A.

2. The operations were commenced in the spring of 1861, and have been pushed on with special reference to the works of the Madras Irrigation and Canal Company, the great object in view being that the Survey should precede and keep ahead of the new Irrigation in the tracts likely to come under its influence. That this object will be attained, I have every reason to hope, for, as the Government are well aware, the area hitherto supplied with water by the Company is only nominal, and there will be ample time for the issue of orders on the present proposal so as to allow of the new Settlement being introduced from the commencement of the coming Revenue year in all the villages which the Company are likely to irrigate next season. It was at first supposed, as stated by Mr. Morris, in para. 2, that the four taluks of Kurnool proper are the only portions of the Kurnool District to be influenced by the Irrigation Company's works, but it has since been ascertained that a considerable tract in the Koilkuntla taluk, lately transferred from Cuddapah, will be commanded by the Canal, and Settlement operations have been now extended to that taluk under Government Order, dated 3rd ultimo, No. 1,611.

3. As an exceptional case the present report is submitted at once, although the calculations of financial results can only be framed on estimated areas, the attainment of the object alluded to in the last para. not admitting of our waiting till the correct Survey areas are available. The latter however will be furnished before the Settlement is actually introduced, and in the meantime the comparison which has been made in the case of a few villages already surveyed, enables us to judge approximately of the extent to which the Survey areas are likely to differ from those according to the Revenue accounts.

4. Considerable inconvenience having been felt on former occasions in consequence of the Settlement Reports only having been printed, while the Appendices to them were forwarded in manuscript, the Reports, with Appendices complete, have, on the present occasion, been printed,

and though the adoption of this course has somewhat delayed the submission of the papers, the time lost, will probably be more than made up by the increased rapidity with which the Board and Government will be able to dispose of the subject, which they will have before them in a convenient and readable form.

5. In the earlier part of his report Mr. Morris enters at some length into the former history of the Province. The information given, though useful and interesting, requires no comment from me, and I will therefore, after a few brief remarks, at once pass on to the details of the proposed Settlement.

6. General instructions for the guidance of the Deputy Director in his investigations were issued by Mr. Newill before his departure to England early in 1862, and the subsequent proceedings have been conducted in communication with myself. In accordance with the instructions of Government contained in their Order of the 10th May 1862, No. 1,036, the operations have been conducted with a view to the imposition of a consolidated wet Assessment on all lands to be irrigated from the Company's works; but as the same Order directed that the difference between a dry and a consolidated wet Assessment should be paid to the Company, it became necessary to calculate the dry as well as the wet Assessment, and consequently there has been no difficulty in obeying the orders contained in the Proceedings of Government of the 16th June last, No. 1,056, to exhibit the result of applying a separate water rate to the dry Assessment in comparison with the consolidated wet Assessment proposed. The last named order was not issued until Mr. Morris' report was all but finished and its accompanying Statements prepared. This will account for his assumption throughout, that the imposition of a consolidated wet assessment had been finally decided on.

GENERAL DESCRIPTION OF THE LOCALITY.—7. The tract of country now reported upon comprises Kurnool proper, or that portion of the present Kurnool District which formed the late Agency, before the recent additions to it of portions of Cuddapah and Bellary. To the north it abuts on the Nizam's Dominions, from which it is separated by the Tumbudra and Kistna rivers; and on the other sides it is bounded by the new taluks of the district, except at one point on the south where it adjoins Cuddapah. The four taluks, which are according to the Honorable

Ramalakota.
Nundikotkur.
Nundial.
Sirwel.

Mr. Pelly's arrangements, are given in the margin, and including the Erramalla and portions of the Nallamalla hills, contain, according to the Revenue accounts, in round numbers 2,800 square miles; of which nearly 1,200 square miles are Government land, three-quarters of that

area being actually occupied by the Ryots, and one-quarter unoccupied.

STATISTICS.—8. Referring to the Statistics of the four taluks, it is found that, according to the last census, the population amounted to 3,32,270, the proportions of Hindus, Mahomedans and Christians being 2,81,438, 49,573 and 1,257 respectively. Excluding the town of Kurnool, itself containing nearly 28,000 persons, the average population per square mile was 143; but in the taluks the number ranges from 192 per square mile in Nundial to 123 in Nundikotkur. The population has nearly doubled in the last 20 years, a fact clearly showing the beneficial effect on the country of the security afforded by British rule, a rule which it has only enjoyed for 24 years.

9. It is remarkable that there should be only seven tiled houses in the whole district, of which number, five are in the town of Kurnool. The houses are generally either flat roofed or thatched. Mr. Morris states that the thatched houses are twelve times as numerous as the flat roofed, but according to the statement which he gives in Appendix D, the number of each is very nearly equal.

10. 2,11,207 persons, or rather more than 63 per cent. of the whole population, are agriculturalists, and of these, 31,814, or rather less than one-seventh, are Ryots holding puttahs direct from Government. The average holding of each Ryot is a little more than 18 acres, the acreage to each plough the same, and the average Assessment paid by each Ryot Rupees 22-8. The Rent roll given in Appendix G shows how large a proportion of the puttahs are under 10 Rupees, and how very few are above 250 Rupees. Mr. Morris, however, falls into an error in para. 36 where he imagines that large numbers of people live on 8 Annas a month. The solution of the apparent mystery by the Collector quoted in the following para. is doubtless the correct one. The men are laborers and the income supposed by Mr. Morris to be their only means of subsistence is in addition to the hire which they receive.

IRRIGATION.—11. The area under wet cultivation has hitherto been extremely limited, aggregating in Fusly 1270, according to the Revenue accounts, 12,360 acres exclusive of Inams, or 2 per cent. of the dry land. Of this area, 6,591 acres were under tanks, 3,934 acres under wells, and 1,835 acres under channels. The tanks, with the exception of 10 which irrigate more than 300 acres each, are insignificant both as regards size and the area which they command. With respect to future prospects it is impossible to state, with any approach to accuracy, the area which is likely to be watered by the Irrigation Company's works. The Company's Officers are themselves only able to estimate it approximately, no levels having yet been taken beyond Nagatoor in the 43rd mile of the Canal, up to which point the irrigable area is only 10,000 acres. Their estimate gives 1,89,020 acres as the probable irrigable area. Mr. Morris in Appendix L 2 gives it as 4,11,801, and this area he again proposes to increase on account of excess to be found by Survey. In a Statement subsequently received from him, the particulars are given as follows:—

Taluks.	Government occupied land.	Government unoccupied land.	Total Government land.	Inam.	Grand Total.
	Acre.	Acre.	Acre.	Acre.	Acre.
Ramalakota.....	1,345	45	1,390	1,316	2,706
Nundikotkur.....	37,835	14,284	52,169	27,336	79,505
Nundial.....	39,079	1,042	40,121	27,596	67,717
Sirwel.....	1,20,354	11,584	1,31,938	91,684	2,23,622
Total.....	1,98,663	26,955	2,25,618	1,47,932	3,73,550

Mr. Morris, however, admits that he includes in his estimate the whole area which according to the Map comes under the influence of the Canal, without making any deduction for land, which, from its high level or other causes, cannot receive water. His must therefore be considered a very outside estimate. The Company's Officers are not likely to err on the side of under-estimating the area which they will water, and at the present stage, in the absence of any certain information, I prefer taking their estimate, to that of the Deputy Director.

CLASSIFICATION.—12. The soils have been classified on the principles heretofore adopted and which are so well understood that they need not be repeated. With the exception of a small area classed as permanently improved, the entire soil of the four taluks belongs to the Regar and Red series, the former (including 51 per cent. of pure Regar), comprising nearly 89 per cent. of the whole, and the latter nearly 11 per cent.

The following table gives the particulars for the different taluks:—

Description of Soils.	Ramalakota.		Nundikotkur.		Nundial.		Sirvel.		Total.	
	Extent.	Percent- age.	Extent.	Percent- age.	Extent.	Percent- age.	Extent.	Percent- age.	Extent.	Percent- age.
1	2	3	4	5	6	7	8	9	10	11
Exceptional.....	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
	559	16	1,576	50	816	35	1,438	64	4,389	39
Regar clay.....	1,72,035	48.34	1,54,707	48.53	1,40,223	60.91	1,11,004	49.64	5,77,969	51.21
Do. Loamy.....	92,663	26.02	1,07,600	33.75	63,835	27.73	80,345	35.93	3,44,443	30.52
Do. Sandy.....	39,849	11.20	10,977	3.44	9,876	4.29	19,362	8.66	80,064	7.10
Total.....	3,04,547	85.56	2,73,284	85.72	2,13,934	92.93	2,10,711	94.23	10,02,476	88.83
Red clay.....	498	14	710	22	291	13	238	11	1,737	15
Do. Loamy.....	31,320	8.80	27,801	8.72	6,439	2.80	8,174	3.66	73,734	6.53
Do. Sandy.....	19,002	5.34	15,429	4.84	8,736	3.79	3,061	1.36	46,228	4.10
Total.....	50,820	14.28	43,940	13.78	15,466	6.72	11,473	5.13	1,21,699	10.78
Grand Total.....	3,55,926	100	3,18,800	100	2,30,216	100	2,23,622	100	11,28,564	100

13. Owing to the marked difference found in the character of the soil in different parts of the District, and especially between the villages situated to the east and west of the Erramalla hills, Mr. Morris proposes, for the reasons explained in para. 51 of his Report, to divide the

villages, so far as the dry rates of Assessment are concerned, into two classes. The villages have been placed in one or other of these two classes with reference to their soils alone, on the principle adopted in the Godavery and Kistna Districts, and advantages of situation, irrigation, &c. have not been taken into consideration at this stage, as was done in Trichinopoly. The following Table shows the area falling under each class and sort of soil in both first and second class villages. The lithographed Plan M 1 of the Appendix shows the division of the villages into classes, and the Plan M 5 which is more in detail, shows the nature of the soil in every village.

Main Series.	Sub-divisions and their numbers in the standard Classification.	Sorts.	Area of land both Government and Inam.			Percentage.
			1st Class villages.	2nd Class villages.	Total.	
			Acres.	Acres.	Acres.	Acres.
Permanently improved. ...	II	i	3,556	833	4,389	...
Regar clay.....	Pure. III...	i	46,089	6,533	52,622	5
		ii	2,13,969	55,561	2,69,530	24
		iii	1,50,370	66,756	2,17,126	19
		iv	21,660	17,031	38,691	3
	Total.....		4,32,088	1,45,881	5,77,969	51
	Loamy. IV. {	i	40,771	11,614	52,385	5
		ii	1,10,202	36,672	1,46,874	13
		iii	93,812	51,372	1,45,184	13
	Total.....		2,44,785	99,658	3,44,443	31
	Sandy. V... {	i	8,629	2,970	11,599	1
		ii	16,922	17,796	34,718	3
		iii	16,688	17,059	33,747	3
	Total.....		42,239	37,825	80,064	7
	Grand Total.....		7,19,112	2,83,364	10,02,476	89
Red clay.....	Pure. VI... {	i	313	89	402	...
		ii	635	700	1,335	...
	Total.....		948	789	1,737	...
	Loamy. VII {	i	9,439	9,178	18,617	2
		ii	28,262	26,855	55,117	5
	Total.....		37,701	36,033	73,734	7
	Sandy. VIII {	i	1,739	2,908	4,647	...
		ii	17,831	23,750	41,581	4
	Total.....		19,570	26,658	46,228	4
	Grand Total.....		58,219	63,480	1,21,699	11
Grand Total.....			7,80,887	3,47,677	11,28,564	100

STANDARD CROPS.—14. White Paddy has of course been selected as the staple crop on irrigated lands. Sugar-cane and a few other products, though cultivated to some extent, are clearly exceptional and need not be taken into consideration. As regards the dry crops, it is evident, from the Statement submitted by Mr. Morris, that the cultivation of Jonna largely preponderates, and the adoption of the white species of that grain as the staple for Class II and for the Regar series, is quite correct. Jonna is not cultivated on the Red soils, and Mr. Morris proposes to take Araga as the staple crop for that series. From the Table given at para. 53 of his report, it is gathered that rather a larger area is cultivated with Korra than with Araga, and I was at first inclined to take both those grains as staple crops, but as it has been ascertained that the final result of taking both crops would be as nearly as possible the same as that of taking one, I leave the arrangement unaltered. It is not desirable to take the Cotton crop into consideration, notwithstanding that the area at present cultivated with it is considerable. This is no doubt owing to political causes, and the crop cannot be considered otherwise than a special one.

GRAIN VALUES.—15. In Appendices Q² and 3 of Mr. Morris' report are given the results of the actual experiments of produce which have been made by the Officers of the Settlement Department and through the agency of the Revenue authorities. It is not to be expected that the experiments of a single season alone, however numerous and carefully made, can enable us to fix on suitable grain values. No doubt actual experiments of produce made with care by trustworthy persons, are the best possible data from which to ascertain the productive powers of the soil, but for this purpose the experiments must not only be made on an extended scale, and in every variety of soil, but must be repeated over many years, so as to embrace every variety of season. The Tables of experiments now submitted being for one season only, exhibit, as is natural, inconsistencies, such as that the out-turn on inferior land exceeds that on superior, &c., and, moreover, affords no information at all regarding the productive power of some kinds of soils. The extent of irrigated land in the district is so small, that but few opportunities occurred for experiments in wet produce and the bulk of such as have been made were under the Nundial tank, but these, as

observed by Mr. Minchin,* can afford no criterion as to what will be the produce of the whole Kundaur valley if brought under irrigation. Under these circumstances, we are compelled to look to other sources of information in fixing the grain values. Those proposed are very much the same as were adopted by Mr. Bayley. There can be no doubt that his investigations were conducted with great care, and the Deputy Director, the Collector and the Board unite in the opinion that no more trustworthy data are procurable. I think they may with safety be adopted. The value of straw has not been included. From the grain values which represent a full crop, a deduction of 25 per cent. has been made to meet ordinary agricultural vicissitudes. The following Table shows the grain values adopted, and those taken in other districts are given for comparison.

* Letter to Board, 21st February 1863, No. 23.

Board's Proceedings, 21st March 1863, No. 1,720.

Description of Soils.	1	Class and Sort.	Jonna.					Araga.			White Paddy.					
			South Arcot.	Godavery.	Masulipatam.	Trichinopoly.	Kurnool.	South Arcot.	Trichinopoly.	Kurnool.	South Arcot.	Godavery.	Masulipatam.	Trichinopoly.	Kurnool.	
		2	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.
		i	432	800	520	480	480	...	...	...	1,080	1,200	1,100	1,080	1,200	1,200
Permanently im- proved lands...		II	384	733	400	312	360	...	...	...	840	1,067	800	840	1,600	
			336	533	300	288	280	...	...	...	720	800	600	720	800	
			...	334	220	168	200	...	...	...	...	600	480	432	600	
			...	...	...	...	120	...	...	...	...	...	...	...	400	
Regar Clay...		III	384	600	300	432	280	648	...	...	960	1,200	1,000	960	1,100	
			...	466	220	312	200	600	...	...	840	1,000	800	840	900	
			...	267	160	192	120	...	...	...	800	600	600	576	600	
Do. Loamy.		IV	288	...	220	288	200	648	...	...	672	933	640	720	800	
			...	...	160	240	120	...	...	...	432	733	480	600	600	
			...	...	100	168	80	...	...	...	533	360	360	432	400	
Do. Sandy.		V	...	...	...	...	...	...	...	...	...	...	...	...	...	
			...	...	...	...	...	...	...	...	...	...	...	...	...	
			...	...	...	...	...	...	...	...	...	...	...	...	...	
Red Clay...		VI	...	400	...	240	...	552	432	320	600	933	...	600	800	
			...	267	...	192	...	480	360	240	480	733	...	480	600	
			...	...	...	...	...	...	...	...	...	...	...	...	...	
Do. Loamy.		VII	...	334	...	312	...	600	672	240	720	1,067	...	720	600	
			...	200	...	240	...	552	432	160	600	800	...	552	450	
			...	...	...	...	...	...	...	...	...	...	...	...	...	
Do. Gravelly.		VIII	...	200	...	240	...	480	432	160	480	800	...	552	450	
			...	134	...	168	...	360	80	432	...	667	...	432	300	
			...	...	...	...	...	...	...	...	...	...	...	...	...	

COMMUTATION RATES.—16. The rates adopted by Mr. Bayley, were 50 measures per Rupee for Jonna, and 35 measures per Rupee for Paddy, representing Rupees 64 and Rupees 91-8-0 per garce respectively. Prices have risen very materially since then and are not likely to recede to former averages. For reasons detailed, Mr. Morris proposes to fix his rates at Rupees 105 per garce for Jonna, Rupees 60 for Araga and Rupees 110 for Paddy. In arranging the commutation rates in other Districts; it has been usual, in referring to the old price lists, to strike out of the calculations all years in which the prices might be considered exceptional or famine prices, but, on reference to the Appendix P, it is seen that in Kurnool the highest prices have been those of late years. There can be no doubt, however, that the rise and continuance of high prices has been owing to other causes than famine, and that these years cannot therefore be styled famine years. It would consequently be incorrect to exclude them. In recommending the adoption of the rates now proposed, I am not unmindful of the fact that they are very far below the prices ruling at the present moment, but we cannot fix a rate which is to be maintained for a long series of years, with reference to present prices only, and the recent fall which has taken place in the value of produce throughout South India, warns us not to calculate on the continuance of the exceptionally high rates which have, until lately, prevailed. I consider that in taking rates which are very nearly the averages of all the years for which price lists are forthcoming, we adopt a safe and unobjectionable course. The rates, with the exception of that for Jonna, are higher

Names of Districts.	White Paddy.		Jonna.		Araga.	
	Per Garce.	Per Harris Culum.	Per Garce.	Per Harris Culum.	Per Garce.	Per Harris Culum.
South Arcot.....	71 12 8	0 8 7	116 10 8	0 14 0	51 13 8	0 6 3
Trichinopoly.....	66 10 8	0 8 0	100 0 0	0 12 0	50 0 0	0 6 0
Salem.....	75 0 0	0 9 0	87 0 0	0 10 5	56 0 0	0 6 9
Godavery.....	72 0 0	0 8 8	84 0 0	0 10 1	...	..
Kistna.....	80 0 0	0 9 7	95 0 0	0 11 5	...	..
	90 0 0	0 10 10	100 0 0	0 12 0	...	..
	95 0 0	0 11 5	110 0 0	0 13 2	...	..
Kurnool.....	110 0 0	0 13 2	105 0 3	0 12 7	60 0 0	0 7 2

than those taken in other districts as will be seen from the marginal Statement. Hitherto the operations of the Irrigation and Canal Company have had a tendency to raise prices. Hereafter they

may have an opposite effect, but this is too much a matter of conjecture for us to take into consideration or allow for here.

MARKETS, ROADS, &c.—17. Mr. Morris shows that the roads are too few and bad to render exceptional commutation rates advisable in localities which have the advantage of proximity to them. The only market town in the district is Kurnool itself, influencing the surrounding country to but a limited extent. As regards the Canal, I believe it is very doubtful how far it will open up a ready and cheap transit to Madras, or whether it will allow of navigation at all. Under any circumstances the contingency is too purely conjectural to be allowed to influence the commutation rates. I therefore support the Deputy Director's proposal to have one commutation rate for the whole District.

CULTIVATION EXPENSES.—18. The impossibility of ascertaining, with any degree of accuracy, the real expenses of cultivation has been over and over again admitted, and though I have no doubt that the estimates prepared by Mr. Morris are as near the truth as any estimates can be, they must, at best, be considered as approximate. The straw having been excluded in estimating the grain values, the ordinary cost of feeding the bullocks has been left out of the cultivation expenses, the two items being allowed to balance each other. Mr. Morris has included a small sum for manure in some of the superior sorts of soil, both in dry and wet cultivation, and in the former provision is also made for feeding the cattle in certain cases with grain. Mr. Morris admits that the inclusion of these two items is somewhat irregular, as the calculations throughout are based on the produce resulting from ordinary culture. If, however, it is the universal custom to manure the superior lands and to feed the cattle with gram, cotton seeds, &c., the expenditure on these

heads may fairly be taken into account, the more so as, Mr. Bayley's estimates of produce, with which we compare our full grain values, were calculated for manured land. I do not therefore make any alterations in the estimates of cultivation expenses.

ROAD FUND AND FEES TO VILLAGE SERVANTS.—19. In accordance with what he states are the orders of Government, Mr. Morris has added to the demand against the Ryots 8·17 per cent. viz., 1·92 per cent. or 4 pies in the Rupee for the Road Fund, and 6½ per cent. or 1 anna in the Rupee for fees to Village Servants, and has included these items in his rates. As regards the first item, the Government, in paragraph 12 of their Order of the 19th October 1860, No. 1,906, directed, that in future Settlements, the rates should be formed so as to include two per cent. for the Road fund over and above the proper land Assessment; but this order was not literally carried out in forming the rates which have at different times been since adopted or proposed. The Deputy Directors in submitting their reports on the two portions of the Godavery and on the Masulipatam portion of the Kistna District, requested orders on the point; but Mr. Newill, in forwarding on those reports, stated, that the rates having been fixed according to a maximum scale, the two per cent. cess for Road fund must be considered as having been already included, and he made no further addition on this head. The addition however is clearly in accordance with the orders of Government, and has therefore been made.

20. The course to be adopted as regards the percentage added for Village Fees, is not quite so clear. I am by no means sure that it was the intention of Government, in issuing their Order of the 1st June last, No. 935, that the Village Fee cess should be incorporated with the land Assessment. The 6½ per cent. there mentioned is alluded to as a maximum, and not as the rate to be invariably levied. The Act on the subject has not yet been passed, but I observe from the Draft Act (Section III) that it is intended that the rate should vary, being fixed from time to time by Government; and further (Section V), that the sum payable by each Ryot on this account is to be distinctly entered in his puttah. These provisions are scarcely compatible with the incorporation of the cess with the land Assessment. As the question is involved in doubt, I leave the arrangement made by Mr. Morris unaltered for the present. If the Government desire the retention of the cess in the rates, it can be retained. If they decide on excluding it, the rates can be without difficulty reduced accordingly.

MONEY RATES.—21. In Appendices R. 1, 2 and 3 of the Deputy Director's report are shown, in detail, the processes by which the money rates are arrived at. From the value of the gross produce reduced by 25 per cent. as mentioned in para. 15, the cultivation expenses are deducted, and the balance represents, as nearly as we are able to ascertain it, the net produce. Mr. Morris is in error in stating that, according to the fixed principles of our Settlement, the Assessment should be half the net produce. That proportion is nowhere fixed as the amount to be taken, though the rates decided on for other districts, have very frequently approximated to it. It will be observed that Mr. Morris, instead of first forming his rates, and then adding to them the 8·17 per cent. alluded to in the last para., has increased the sum representing half the net produce by 8·17 per cent. and formed his rates from the total sum thus arrived at. This process is not strictly correct, inasmuch as the sum added, is not a percentage on the rates finally decided on, but a percentage on half the net. It must be borne in mind however, that in forming the rates, it is necessary to adjust them more or less arbitrarily in order to get rid of fractions, and if to the rates so adjusted, a percentage is added, the results again come out in fractions, which have a second time to be got rid of, and a double source of error is thus introduced into the calculations. Indeed, in reducing to round numbers the fractional sums resulting from the addition of the percentage to the rates, the percentage added would itself in many cases be again deducted, the rates would remain as they were before, and all lands assessed at such rates would virtually be relieved from the cesses supposed to have been added.

22. The slight deviation which Mr. Morris has made from the correct mode of calculating, is really productive of less error than the double adjustment above alluded to would involve. The following Table has been framed to show one-half and one-third of the net and the proportion of 8·17 per cent. on half the net. It also shows the fractional sums remaining after deducting

$\frac{1}{2}$ the amount of $\frac{8.17}{100} \times \frac{1}{2}$ and $\frac{1}{3}$ the amount of $\frac{8.17}{100} \times \frac{1}{3}$ is the ratio of the balance } but are identical
 $\frac{1}{2}$ the amount of $\frac{8.17}{100} \times \frac{1}{2}$ and $\frac{1}{3}$ the amount of $\frac{8.17}{100} \times \frac{1}{3}$ is the ratio of the balance } the mistake is only in writing
 $\frac{1}{2}$ the amount of $\frac{8.17}{100} \times \frac{1}{2}$ and $\frac{1}{3}$ the amount of $\frac{8.17}{100} \times \frac{1}{3}$ is the ratio of the balance } of the net and universal

the last named proportion from Mr. Morris' rates. These fractional sums must be considered to be the real rates proposed; since the remainder of each rate consists of the addition made on account of the two cesses. The particulars are given for the first and second class dry rates, as well as for the consolidated wet assessment.

Class.	Sort.	1st Class, Dry.				2nd Class, Dry.				Consolidated Wet Rates.			
		Half Net.	One-third Net.	Road Fund & Fees of Village Servants at 8-17 per cent. on half Net.	Mr. Morris' proposed rates after deducting the sum in column 5.	Half Net.	One-third Net.	Road Fund & Fees of Village Servants at 8-17 per cent. on half Net.	Mr. Morris' proposed rates after deducting the sum in column 9.	Half Net.	One-third Net.	Road Fund & Fees of Village Servants at 8-17 per cent. on half Net.	Mr. Morris' proposed rates after deducting the sum in column 13.
I	1	3	4	5	6	7	8	9	10	11	12	13	14
II	i	3 4 11	2 3 4	0 4 5	3 3 7	2 15 1	1 15 5	0 4 3	2 11 9	7 8 11	5 0 7	0 10 1	7 5 11
III	i	2 5 8	1 9 2	0 3 2	2 4 10	1 14 4	1 4 3	0 2 6	1 13 6	6 0 8	4 0 5	0 8 1	5 15 11
III	ii	1 7 0	0 15 4	0 1 11	1 6 1	1 2 6	0 12 4	0 1 6	1 2 6	5 1 8	3 6 5	0 6 9	5 1 3
III	iii	0 15 5	0 10 3	0 1 3	0 14 9	0 12 1	0 8 1	0 1 0	0 11 0	4 2 11	2 12 7	0 5 7	4 2 5
III	iv	0 7 10	0 5 3	0 0 8	0 7 4	0 7 10	0 5 3	0 0 8	0 7 4	2 15 2	1 15 5	0 3 11	2 12 1
IV	i	1 7 5	0 15 7	0 1 11	1 6 1	1 3 4	0 12 11	0 1 7	1 2 5	6 8 4	4 7 8	0 8 8	6 7 4
IV	ii	0 15 0	0 10 0	0 1 3	0 14 9	0 11 11	0 8 0	0 1 0	0 11 0	5 9 8	3 11 9	0 7 5	5 8 7
IV	iii	0 7 9	0 5 2	0 0 8	0 7 4	0 7 9	0 5 2	0 0 8	0 7 4	4 10 11	3 1 11	0 6 3	4 9 9
V	i	0 15 0	0 10 0	0 1 3	0 14 9	0 11 11	0 8 0	0 1 0	0 11 0	5 11 8	3 13 1	0 7 8	5 8 4
V	ii	0 7 9	0 5 2	0 0 8	0 7 4	0 7 9	0 5 2	0 0 8	0 7 4	4 3 11	2 13 3	0 5 8	4 2 4
V	iii	0 3 8	0 2 5	0 0 4	0 3 8	0 3 8	0 2 5	0 0 4	0 3 8	2 15 2	1 15 5	0 3 11	2 12 1
VI	i	1 0 1	0 10 9	0 1 4	0 14 8	1 0 1	0 10 9	0 1 4	0 14 8	5 11 8	3 13 1	0 7 8	5 8 4
VI	ii	0 11 11	0 8 0	0 1 0	0 11 0	0 11 11	0 8 0	0 1 0	0 11 0	4 3 11	2 13 3	0 5 8	4 2 4
VII	i	0 11 11	0 8 0	0 1 0	0 11 0	0 11 11	0 8 0	0 1 0	0 11 0	4 3 11	2 13 3	0 5 8	4 2 4
VII	ii	0 6 11	0 4 8	0 0 7	0 7 5	0 6 11	0 4 8	0 0 7	0 7 5	3 6 9	2 4 6	0 4 7	3 3 5
VIII	i	0 6 11	0 4 8	0 0 7	0 7 5	0 6 11	0 4 8	0 0 7	0 7 5	3 6 9	2 4 6	0 4 7	3 3 5
VIII	ii	0 3 0	0 2 0	0 0 3	0 3 9	0 3 0	0 2 0	0 0 3	0 3 9	2 7 7	1 10 4	0 3 4	2 4 8

23. On examining the fractional sums in columns 6, 10 and 14, it will be seen that though they are more than one-third of the net, they are all, with the exception of a few in the lowest classes, considerably less than half of it, while even in these exceptional cases they are well under 30 per cent. of the gross. I propose to adopt the rates as they stand with one modification. Mr. Morris would apply his wet rates indiscriminately to the first and second class villages, but as he states distinctly that the soil of the villages placed in the second class is very inferior to that of the first class villages, I think it will be only consistent to apply lower rates to the latter, the more especially as, under a system of combined land and water rates, they will virtually pay lower rates, and I have accordingly reduced the consolidated wet rates for this purpose. The consolidated wet rates will probably not be required at all for the lands to be irrigated from the Company's works, but they may be necessary for such portion of the present wet lands as will not come under their influence.

24. The rates are as follows, and, with reference to the Order of the 16th June, the rates formed by adding to the dry rates a water rate of 4 Rupees, are also given. It will be seen that in the superior soils there is no great difference between the consolidated Assessment and the dry rates plus the water rate, except in the Loamy Regar, the superiority of which, under irrigation, causes the Assessment, under the former system, to exceed the latter; but that in the inferior sorts the consolidated rates are much lower than the two rates combined. These variations are unavoidable with a uniform water rate.

Soils.			Dry rates per Acre.				Wet rates per Acre.							
Main Series.	Sub-divisions.	Sorts.	1st Class villages.		2nd Class villages.		Consolidated rates for 1st Class vil- lages.		Consolidated rates for 2nd Class vil- lages.		Dry rates + 4 Rupees water rate for 1st Class villages.		Dry rates + 4 Rupees water rate for 2nd Class villages.	
			Rs.	A.	Rs.	A.	Rs.	A.	Rs.	A.	Rs.	A.	Rs.	A.
Permanently improved.	II	i	3	8	3	0	8	0	7	0	7	8	7	0
Regar ...	Pure. III	i	2	8	2	0	6	8	5	8	6	8	6	0
		ii	1	8	1	4	5	8	4	8	5	8	5	4
		iii	1	0	0	12	4	8	3	8	5	0	4	12
		iv	0	8	0	8	3	0	2	8	4	8	4	8
	Loamy. IV	i	1	8	1	4	7	0	6	0	5	8	5	4
		ii	1	0	0	12	6	0	5	0	5	0	4	12
		iii	0	8	0	8	5	0	4	0	4	8	4	8
	Sandy. V	i	1	0	0	12	6	0	5	0	5	0	4	12
		ii	0	8	0	8	4	8	3	8	4	8	4	8
iii		0	4	0	4	3	0	2	8	4	4	4	4	
Red ...	Pure. VI	i	1	0	1	0	6	0	5	0	5	0	5	0
		ii	0	12	0	12	4	8	3	8	4	12	4	12
	Loamy. VII	i	0	12	0	12	4	8	3	8	4	12	4	12
		ii	0	8	0	8	3	8	3	0	4	8	4	8
	Sandy. VIII	i	0	8	0	8	3	8	3	0	4	8	4	8
		ii	0	4	0	4	2	8	2	8	4	4	4	4

	Dry rates merged.		Consolidated Wet rates merged.		Dry + 4 Rupees water rate merged.	
	Rs.	A.	Rs.	A.	Rs.	A.
1	3	8	8	0	7	8
2	3	0	7	0	7	0
3	2	8	6	8	6	8
4	2	0	6	0	6	0
5	1	8	5	8	5	8
6	1	4	5	0	5	4
7	1	0	4	8	5	0
8	0	12	4	0	4	12
9	0	8	3	8	4	8
10	0	4	3	0	4	4
11	...	...	2	8	...	...

25. The following Table compares the rates now proposed for first class villages with those adopted in the Godavery, and proposed in the Kistna and Trichinopoly Districts. It should however be borne in mind that in the case of Kurnool a distinct addition of 8.17 per cent. has been made to the rates on account of the cesses, whereas in the other districts, no such addition was made, though the rates being on a maximum scale were considered to include two per cent. for a Road fund.

Class.	Sort.	Dry rates.				Wet rates.			
		Godavery.		Kistna.		Trichinopoly.		Kurnool.	
		Rs.	A.	Rs.	A.	Rs.	A.	Rs.	A.
II	i	5	0	3	8	3	4	3	8
III	i	4	0	2	8	1	12	2	8
	ii	3	0	2	0	1	4	1	8
	iii	1	8	1	4	0	6	1	0
	iv	...	...	...	...	...	...	0	8
IV	i	3	0	2	0	2	12	1	8
	ii	2	4	1	8	1	12	1	0
	iii	1	0	1	0	0	10	0	8
V	i	2	4	1	8	1	4	1	0
	ii	1	12	1	0	0	14	0	8
	iii	1	0	0	10	0	6	0	4
VI	i	2	0	1	4	0	14	1	0
	ii	1	0	0	12	0	10	0	12
VII	i	1	0	0	12	1	12	0	12
	ii	0	8	0	8	0	14	0	8
VIII	i	0	12	0	8	0	14	0	8
	ii	0	6	0	4	0	6	0	4

26. I cannot support Mr. Morris' proposal to do away altogether with Class II. The effect would be to make Rupees 2.8 the highest dry rate in the district. Mr. Morris admits that great care has been taken to limit the land placed under the exceptional Class to that which is really permanently improved, and decidedly superior to the ordinary run of land, and Rupees 3.8 cannot be considered a very high maximum rate to be applied to a limited area; moreover I am about to make a recommendation, which if approved, will relieve the greater part of the land which has been so classed from the payment of anything but a dry rate, and there is therefore the less reason for granting any further reduction in the latter.

27. In para. 93 et. seq. Mr. Morris proposes to make a reduction in favor of certain wet lands aggregating 3,787 acres, which are watered by artificial appliances. From Appendices V 1 and 2, it is seen that the whole of this area is under wells, which no doubt are the 1,231 Government wells, alluded to in para. 43. They are called Government wells, but it is not very likely that the old Kurnool Native Government would go to the expense of digging them for the Ryots. In para. 32, Extract Minutes of Consultation, 15th February 1858, No. 191, the Government approved the Board's proposal that all wells should be considered as part and parcel of the land in which they are situated, unless it be proved that they were sunk at Government expense. Unless therefore this proof be forthcoming, the correct course in the present case would appear to be to assess the land as dry. In the absence of the necessary information, I am unable to recommend definitely the adoption of this course, but I propose to make further inquiry, and should the result show that there is no proof of the wells having been sunk at the cost of the State, I recommend that the dry Assessment only be imposed. Should a wet Assessment be imposed, I consider that the application of the consolidated wet rates, reduced by 1 Rupee in each case, will be preferable to the dry rates plus a 3 Rupees water rate as recommended by Mr. Morris. If the lands are assessed as dry, they will pay a total sum of Rupees 11,704; if as wet, Rupees 25,113.

SURVEY AREAS.—28. Finding that in 25 villages for which the Survey Department has been able to furnish areas, there is an average increase over the Revenue areas of rather more than 10 per cent. Mr. Morris estimates the increase to be discovered by the Survey in the district generally at 11 per cent. and proposes to correct his calculations of financial results accordingly, except in irrigated lands where he would add only 5 per cent. The areas of 11 more villages have been furnished since the report was written, making a total of 36 villages, and the average increase on the whole is 10 per cent. as shown in the annexed Statement. So far as the general results are concerned, Mr. Morris' estimate will probably prove correct, but, on reference to the detailed Statement in Appendix T, it is seen that in individual villages the difference found by Survey varies greatly, ranging from a decrease of 28 per cent. to an increase of 46 per cent. In three villages only, out of the 36; however, is there a decrease.

Taluks.	No. of villages.	As per Karnams' accounts.		As per Survey.		Increase of Area in square miles.	Per centage.
		Acres.	Square miles.	Acres.	Square miles.		
Ramalakota ...	31	84,219	132	93,172	146	14	11
Nundikotkur ...	5	8,989	14	9,954	15	1	7
Total...	36	93,208	146	1,03,126	161	15	10

FINANCIAL RESULTS.—29. The following Statement shows the financial results of applying the proposed dry rates to the occupied and waste Government dry land, and the consolidated wet rates to the occupied and waste Government irrigated land in the several taluks. The area to

which the rates are applied has been increased for excess expected by Survey, 11 per cent. in the dry, and 5 per cent. in the wet land as proposed in the last para. The second class rates proposed in para. 23, have been applied to the wet land in the second class villages, and in the case of the lands under wells the consolidated rates have been reduced by one Rupee per acre. Should the recommendation made in para. 27 however be adopted, and the well lands be assessed as dry, Rupees 14,264 will have to be deducted from the total of Rupees 87,583 given in column 9.

Taluks.	Occupied.			Waste.			Total.			
	Extent.	Assess-ment.	Average rate per Acre.	Extent.	Assess-ment.	Average rate per Acre.	Extent.	Assess-ment.	Average rate per Acre.	
	1	2	3	4	5	6	7	8	9	10
	Acres.	RS.	RS. A. P.	Acres.	RS.	RS. A. P.	Acres.	RS.	RS. A. P.	
				Dry.						
Ramalakota...	1,90,756	1,56,632	0 13 2	40,475	20,989	0 8 4	2,31,231	1,77,621	0 12 3	
Nundikotkur.	1,66,656	1,80,067	1 1 3	62,624	37,945	0 9 8	2,29,280	2,18,012	0 15 3	
Nundial ...	1,32,116	1,57,582	1 3 1	14,188	9,134	0 10 4	1,46,304	1,66,716	1 2 3	
Sirwel ...	1,30,249	1,55,601	1 3 1	12,777	9,773	0 12 3	1,43,026	1,65,374	1 2 6	
Total...	6,19,777	6,49,882	1 0 9	1,30,064	77,841	0 9 7	7,49,841	7,27,723	0 15 6	
				Irrigated.						
Ramalakota...	2,746	14,084	5 2 1	581	2,302	3 15 5	3,327	16,386	4 14 10	
Nundikotkur..	4,005	25,370	6 5 4	424	2,654	6 4 2	4,429	28,024	6 5 3	
Nundial ...	3,224	20,643	6 6 5	160	955	5 15 6	3,384	21,598	6 6 1	
Sirwel ...	3,164	21,128	6 10 10	77	447	5 12 11	3,241	21,575	6 10 6	
Total...	13,139	81,225	6 2 11	1,242	6,358	5 1 11	14,381	87,583	6 1 5	

30. I have no data on which to estimate the proportion of the present irrigated area which may hereafter be watered from the Company's works, and I cannot, therefore, show separately the effect of applying the consolidated wet rates to the portion which will not, and the dry and wet rates combined, to the portion which will be so watered. To show as desired by Government the effect of applying a water rate to the dry rates in comparison with the consolidated wet Assessment, I must assume that the whole area will come under the influence of the works. The following Statement makes the comparison for the land in occupation, and it will be seen that the difference between the two modes of assessing the present irrigated area is only Rupees 2,704. The water Assessment given in column 5 is calculated at the rate of 4 Rupees on the whole area, including the well lands, for even the latter, if irrigated from the canal, will receive the water direct from it, and will need no allowance on account of artificial appliances.

13

Taluks.		On the principle of a consolidated wet Assessment.		On the principle of a separate water Assessment.		
		Extent.	Consolidated wet Assessment.	Dry Assessment on area in column 2.	Water Assessment at Rupees 4 on area in column 2.	Total Assessment.
1		2	3	4	5	6
		Acres.	RS.	RS.	RS.	RS.
1	Ramalakota ...	2,746	14,084	3,705	10,984	14,689
2	Nundikotkur ...	4,005	25,370	8,08	16,020	24,103
3	Nundial ...	3,224	20,643	6,700	12,896	19,596
4	Sirwel ...	3,164	21,128	7,477	12,656	20,133
Total...		13,139	81,225	25,665	52,556	78,521

31. The average rates per acre in the several taluks, both according to the Revenue accounts for Fusly 1270, and according to the new Settlement, are shown in the appended Statement. The particulars are given for both cultivated and waste, and in the case of the wet land, on both systems of Assessment.

Taluks.	Dry.			Irrigated.					
	Average rate per acre on cultivation as per Jamabundy accounts of Fusly 1270.	Do. as per proposed rates on area in occupation.		Average rate per acre on cultivation as per Jamabundy accounts of Fusly 1270.	Do. as per proposed consolidated wet rates on area in occupation.		Do. on waste.	Do. as per dry plus water rate of Rupees 4 on area in occupation.	
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Ramalakota.....	0 13 8	0 13 2	0 8 4	5 7 7	5 2 1	3 15 5	5 5 7	4 11 1	
Nudikotkur...	1 0 10	1 1 3	0 9 8	6 2 5	6 5 4	6 4 2	6 0 3	5 7 3	
Nundial.....	1 5 11	1 3 1	0 10 4	9 6 9	6 6 5	5 15 6	6 1 3	5 10 4	
Sirwel.....	1 3 6	1 3 1	0 12 3	7 8 10	6 10 10	5 12 11	6 5 10	5 12 1	
	1 1 6	1 0 9	0 9 7	7 2 5	6 2 11	5 1 11	5 15 7	5 2 3	

32. The area falling under each money rate in each taluk and the Assessment thereon are shown in the annexed Statement.

Money rates.		Ramalakota.		Nundikotkur.		Nundial.		Sirwel.		Total.		Percentage of area under each Money rate.
Rs.	A.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	
Rs.	A.	Acres.	rs.	Acres.	rs.	Acres.	rs.	Acres.	rs.	Acres.	rs.	Acres.
3	8	...	...	...	...	...	...	...	...	...	...	...
3	0	...	...	...	...	...	...	...	...	...	...	...
2	0	951	2,377	10,618	26,545	12,670	31,675	9,018	22,545	33,257	83,142	5
2	8	3,481	6,962	...	...	1,302	2,604	...	...	4,783	9,566	1
1	3	9,274	13,911	48,760	73,140	40,564	61,296	54,063	81,094	1,52,061	2,29,441	25
1	4	32,643	40,801	...	...	6,294	7,868	...	...	38,937	48,672	6
1	0	19,394	19,394	56,081	56,081	35,680	35,680	38,271	38,271	1,49,426	1,49,426	24
0	12	57,605	43,204	2,802	2,102	8,547	6,410	2,036	1,529	70,993	53,245	12
0	8	52,512	26,256	40,402	20,201	21,438	10,719	21,788	10,894	1,36,140	68,070	22
0	4	14,856	3,724	7,993	1,998	5,321	1,330	5,070	1,268	33,280	8,320	5
...	...	1,90,756	1,56,632	1,66,656	1,80,067	1,32,116	1,57,582	13,024	1,55,601	6,19,777	6,49,882	100
Irrigated.												
8	0	...	...	83	664	161	1,288	59	472	303	2,424	2
7	0	244	1,708	1,927	13,486	1,118	7,826	2,063	14,441	5,352	37,464	41
6	8	...	...	262	1,703	931	6,052	425	2,762	1,618	10,517	12
6	0	715	4,290	804	4,824	404	2,424	329	1,974	2,252	13,512	17
5	8	216	1,188	342	1,881	381	2,066	164	902	1,103	6,067	9
5	0	722	3,610	267	1,835	48	240	48	240	1,185	5,925	9
4	8	196	882	208	926	92	414	72	324	568	2,556	4
4	0	416	1,664	1	4	2	8	...	...	419	1,676	3
3	8	140	480	3	10	75	263	3	10	221	773	2
3	0	32	96	8	24	6	18	1	3	47	141	...
2	2	59	147	...	...	5	13	...	...	64	160	1
2	0	...	...	...	...	...	...	...	...	...	...	...
1	8	6	9	...	...	1	1	...	...	7	10	...
...	...	2,746	14,084	4,005	25,370	3,224	20,643	3,164	21,128	13,139	81,225	100

33. The next Statement compares the proposed Settlement, both on the principle of a consolidated, and of a separate wet Assessment, with the Jamabundy beriz of Fusly 1270. In the case of the dry lands, the results, as given by Mr. Morris in para. 102, remain unaltered, the total increase over the old Assessment being Rupees 48,674 or about 8.09 per cent, being very nearly the addition made on account of the Road fund and Village Servants' Fee-Fund. Deducting those two cesses, the result of the new Settlement is a decrease of $\frac{3}{4}$ per cent. In the wet lands, the result of the new Settlement differs slightly from that given by Mr. Morris in para. 104, owing to my modification of the rates for second class villages. The Jamabundy beriz for Fusly 1270 was Rupees 86,891, the proposed Assessment Rupees 81,225 or a decrease of 7 per cent. If however the percentage added on account of the two cesses above named be deducted from the total Assessment, the actual decrease becomes Rupees 12,302 or 14 per cent. For the whole area, both dry and irrigated, the increase over the Jamabundy beriz of Fusly 1270 is 6 per cent. which, however, if the percentage of 8.17 is deducted, is converted into a decrease of 2 per cent. The results, supposing a separate land and water rate to be applied to the irrigated area, are but slightly different.

Taluks.	As per Jamabundy accounts of Fusly 1270.				As per new Settlement on the principle of a consolidated wet Assessment for irrigated lands.				Comparison.				As per new Settlement on the principle of land + water Assessment for irrigated lands.		Comparison.	
	Extent.		Assessment.	Acres.	Extent.		Assessment.	Acres.	Extent.		Assessment.	Acres.	Cols. 3 and 9.			Per-centage
	2	3	4		5	6	7		8	9	10		11			
1 Ramalakota...	Dry.....	1,68,968	1,44,094	1,90,756	1,56,632	21,788	12,538	9	1,56,632	21,788	12,538	9	1,56,632	21,788	12,538	
	Irrigated....	2,569	14,055	2,746	14,084	177	29	...	14,689	177	634	4	14,689	177	634	
	Total....	1,71,537	1,58,149	1,93,502	1,70,716	21,965	12,567	8	1,71,321	21,965	13,172	8	1,71,321	21,965	13,172	
2 Nundikotkur...	Dry.....	1,49,411	1,57,555	1,66,656	1,80,067	17,245	22,512	14	1,80,067	17,245	22,512	14	1,80,067	17,245	22,512	
	Irrigated....	3,686	22,666	4,005	25,370	319	2,704	12	24,103	319	1,437	6	24,103	319	1,437	
	Total....	1,53,097	1,80,221	1,70,661	2,05,437	17,564	25,216	14	2,04,170	17,564	23,949	13	2,04,170	17,564	23,949	
3 Nundial...	Dry.....	1,16,500	1,59,698	1,32,116	1,57,582	15,616	2,116	1	1,57,582	15,616	2,116	1	1,57,582	15,616	2,116	
	Irrigated....	3,030	28,466	3,224	20,643	204	7,823	27	19,596	204	8,870	31	19,596	204	8,870	
	Total....	1,19,530	1,88,164	1,35,340	1,78,225	15,820	9,939	5	1,77,178	15,820	10,986	6	1,77,178	15,820	10,986	
4 Sirwel...	Dry.....	1,15,005	1,39,861	1,30,249	1,55,601	15,244	15,740	11	1,55,601	15,244	15,740	11	1,55,601	15,244	15,740	
	Irrigated....	2,874	21,704	3,164	21,128	290	576	3	20,133	290	1,571	7	20,133	290	1,571	
	Total....	1,17,879	1,61,565	1,33,413	1,76,729	15,534	15,164	9	1,75,734	15,534	14,169	9	1,75,734	15,534	14,169	
Total.....	Dry.....	5,49,834	6,01,208	6,19,777	6,49,882	69,893	48,674	8	6,49,882	69,893	48,674	8	6,49,882	69,893	48,674	
	Irrigated....	12,149	86,891	13,139	81,925	990	5,666	7	78,521	990	8,370	9	78,521	990	8,370	
	Total....	5,62,033	6,88,099	6,32,916	7,31,107	70,883	43,008	6	7,28,403	70,883	40,304	6	7,28,403	70,883	40,304	

34. The following Statement compares the proposed Settlement with the average settled demand of the last 20 years in the four taluks of Kurnool proper.

Proposed Settlement on the principle of a consolidated wet Assessment for irrigated lands.	Proposed Settlement on the principle of a separate water Assessment for irrigated lands.	Jamabundary of Fusly 1270.	Average settled demand of the last 20 years from Fusly 1252 to Fusly 1271.	Highest demand during the same period, Fusly 1271.	Lowest demand during the same period, Fusly 1253.
1	2	3	4	5	6
RS.	RS.	RS.	RS.	RS.	RS.
7,31,107	7,28,403	6,88,099	6,27,316	69,99,896	4,91,510

35. In paras. 110 to 115, Mr. Morris discusses the mode in which the Irrigation Company's share is to be credited to them, on the assumption that the consolidated wet Assessment has been finally decided on, and suggests that, with the view of getting over the many difficulties which the payment to the Company of a varying rate would involve, the Government should settle with the Company by giving them a fixed rate per acre, notwithstanding that they levy from the Ryots a consolidated wet Assessment. The consolidated wet Assessment will probably not now be imposed under the views expressed by the Secretary of State in his Despatch of the 30th March 1863, No. 9, and again repeated in para. 5 of his Despatch of the 30th May last, No. 27. Indeed its imposition would be clearly incompatible with the terms of Sections 13, 14 and 15 of the Contract made between the Secretary of State in Council and the Company, and dated 3rd June last; but had it been determined on, I believe that the adoption of the identical plan suggested by Mr. Morris, was contemplated by Government. The water rate if adopted for the Government land will also doubtless be applied to Inams. I need not advert to the arguments brought forward in paras. 116 to 124 in favor of a uniform water rate, that plan having been virtually determined on.

SECOND CROP.—36. In para. 125 et seq., Mr. Morris discusses at some length the subject of second crop, and the mode in which it should hereafter be assessed. His remarks however refer exclusively to second crop raised by water to be supplied by the Irrigation Company and having (para. 141 excepted), been written before the receipt of the Order of the 16th June, are in support of the imposition, as a second crop rate, of the difference between the dry and the consolidated wet rates. If a water rate is adopted for the first crop, the same principle will doubtless be applied also to the second crop. The extent to which second crops may hereafter be cultivated under the Canal is, at present, a matter of utter uncertainty, and no estimate can be made of the Revenue that may be derived therefrom. In the Godavery and Kistna Deltas, the Government decided that the charge for water for a second crop, should be the same as that for a first crop, viz., Rupees 3. In their Order of the 24th May 1862, No. 1,150, the Government sanctioned, as a temporary measure, for Kurnool, a water rate of Rupees 3 for each crop, afterwards modified, by the Order of the 18th August 1862, No. 1,751, to Rupees 4 for the first crop, Rupees 2 for the second, or Rupees 5 for both. In his letter, to the Consulting Engineer, of the 21st November 1862, No. 707, the Agent to the Company stated that the Directors agreed to accept, as a temporary measure, a water rate of Rupees 4 for the first crop, and Rupees 2 for the second, or Rupees 5 for both. From the Proceedings of Government, dated 24th March 1863, it is gathered that the Company's Chief Engineer objected to the rate fixed for second crop, which he urged should be Rupees 4 instead of Rupees 2, and also to the consolidated rate of 5 Rupees for both crops. As however both Colonel Cotton and the Consulting Engineer were of opinion that there was no immediate necessity to fix the second crop rate, since no second crops could be cultivated till the construction of reservoirs, the very sites of which had not been selected,

the Government postponed the consideration of the question, merely fixing the first crop rate at Rupees 4.

37. In the last Government Order on the subject, dated 7th October 1863, No. 1,835, directing the publication of a notification regarding the water rate, the question of the rate to be imposed for a second crop is still left open. Even now the matter does not press for decision, for as there can be no second crop till the reservoirs are constructed, and as their sites have not yet been fixed on, it is not likely that there can be any second crop cultivation next season. Mr. Morris argues that a water rate for second crop of Rupees 4, will easily be borne and willingly paid by the people; but this, I must say, I greatly doubt. It will amount in most cases to much more than half the total Assessment on the first crop. It may be quite true that it will not pay the Company to supply the water at a lower charge, if they have to maintain extensive reservoirs for the purpose, but it does not follow that it will be worth the Ryot's while to pay it.

38. Mr. Morris has, however, omitted to allude to the mode in which the lands, which now produce two crops and which may not come under the influence of the Company's works, should be treated. From Appendix B B. to his report it is seen that there are at present 3,538 acres so cultivated, but of this area it appears that 2,417 acres are watered by artificial appliances from wells, and will consequently come under the recommendation made by me in para. 27. There will remain then only 1,121 acres to be disposed of. In Trichinopoly, the Board supported Mr. Newill's proposal to add one-third to the single crop rates to obtain a consolidated double crop Assessment for the lands producing two crops under the Caverry irrigation, and to add one-fourth for the same purpose to the single crop rates in the lands under tanks. From para. 44 of Mr. Morris' report, it is seen that the supply from which the second crop land in Kurnool receives its water, is abundant and unfailing, and that the cultivation is most profitably carried on. I may therefore safely propose the imposition on this land, the area of which is extremely limited, of a consolidated rate to be formed by adding one-third to the single crop rates.

AVAILABLE SOURCES FOR EVENTUAL INCREASE OF REVENUE.—39. The following Statement shows the area of waste land which has been demarcated and classified in the several taluks, and the Assessment thereon. The irrigable waste entered, is the area irrigable from present sources, and the effect of applying the consolidated wet rates is given as well as that of adopting the combined land and water rates. The difference between the two, it will be observed, is inappreciable.

Taluks.	On the principle of a consolidated wet Assessment on irrigable lands.						On the principle of water Assessment on irrigable lands.			
	Dry Waste.		Irrigable Waste.		Total.		Dry and Water Assessment on irrigable lands.			
	Extent.	Assessment.	Extent.	Consolidated wet Assessment.	Extent.	Assessment.	Dry Assessment on irrigable waste.	Water Assessment on irrigable waste.	Total.	Total Dry with land plus water Assessment.
	2	3	4	5	6	7	8	9	10	11
1	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Rs.	Rs.	Rs.	Rs.
1 Ramalakota ...	40,475	20,989	581	2,302	41,055	23,291	405	2,324	2,729	23,718
2 Nundikotkur....	62,624	37,945	424	2,654	63,048	40,599	616	1,696	2,312	40,257
3 Nundial.....	14,188	9,134	160	955	14,349	10,089	259	640	899	10,083
4 Sirwel.....	12,777	9,773	77	447	12,854	10,220	135	308	443	10,216
Total.....	1,30,064	77,841	1,242	6,358	1,31,306	84,199	1,415	4,968	6,383	84,224

40. Besides the waste land demarcated and classified in detail, there are extensive patches of waste within the village boundaries which have been marked in large blocks, but have not been classified or assessed. No estimate therefore can be made of the amount of Revenue which may eventually be derived from them. The approximate area of these patches is 70,000 acres. This is exclusive of the area comprised by the Erramalla and Nallamalla hill ranges.

AMOUNT OF WATER RATE TO BE LEVIED ON LANDS IRRIGATED FROM THE COMPANY'S WORKS.—41. As already stated in para. 11, I do not think it will be safe, in the face of the estimate made by the Company's Officers, that they will only be able to irrigate 1,89,020 acres, to accept the figures given by Mr. Morris, and to anticipate that 2,25,618 acres of Government land and 1,47,932 of Inam, total 3,73,550 acres, will pay water rate. There will be no object, therefore, in my showing the effect of applying the consolidated wet rates to the area given by Mr. Morris, and I am unable to apply them to the area given by the Company's Officers, since the classification of the land forming that area is not known. It will suffice, for the present, to state that, supposing the estimate of the area to be watered which has been made by the Company's Officers to be correct, the produce for the first crop at 4 Rupees per acre will be Rupees 7,56,080.

42. The water rate, on the irrigated area, will, under para. 4 of the Order of Government of the 10th May 1862, No. 1,036, be collected by the Government Officers, and, after deducting a reasonable charge for cost of collection, will be credited to the Company. I have not been called upon to express any opinion on the percentage to be so deducted, and the matter will doubtless be arranged by Government in communication with the Board and the Company's Agent. Neither does it appear within my province to touch upon the arrangement to be made with the Company regarding the terms on which such portion of the existing irrigation of the district as may lie in the course of their works, should be made over to them. This subject is, I observe by the Proceedings of Government of the 25th April 1863, No. 712, and 13th June 1863, No. 1,033, still under consideration.

INTRODUCTION OF THE NEW SETTLEMENT.—43. I have stated above, in para. 3, that though the Survey areas are not available for our calculations of results, they will be furnished before the Settlement is actually introduced. During my late visit to Kurnool, I ascertained the following particulars: Up to the end of August, the areas of 36 villages, viz., 31 in Ramalakota, and 5 in Nundikotkur, had been furnished by the Survey Department. The Deputy Superintendent anticipates being able to supply, by the end of January, the areas of 82 more villages in the same taluks, making a total of 118 villages, of which 72 are supposed to be irrigable. The total number of villages in the four taluks is 371, so that by the date above mentioned, the Settlement Department will be in possession of the areas for nearly one-third of the district. This tract will, I hope, embrace all villages which there is any prospect of the Company being able to water next season, and the Settlement may be introduced and explained to the Ryots in it, so as to come into force from the 1st July 1864. I inquired the extent to which areas could be supplied up to the end of January, as I considered that two months would be required for the calculation of the Assessment, the preparation of Asamiwar accounts, and of the extracts therefrom to be issued to the Ryots; and two months more for the Ryots to deliberate on the extent of their future holdings. I was under the impression that the latest date for relinquishing land was the same in Kurnool as in the Godavery, viz., the 31st May. I now find that it is the 15th July. The additional time thus gained will however be little more than sufficient for the distribution to the Ryots of the tickets or extracts above mentioned. For these reasons I request that the orders of Government on the present proposal may be passed in time to be in the hands of the Officer in charge of the Settlement party by the 31st January next.

44. It will be necessary to vest the Officer introducing the Settlement, with discretionary power to impose the new Assessment gradually in cases where the increase is large. I would here remark, however, that the particulars given by Mr. Morris in para. 109, and worked out in detail in Appendix Y, cannot be relied on. They are based on the Revenue areas without allow-

ing for any increase by Survey, and the number of villages and percentages of increase and decrease will be altogether altered when the true areas are known, as will be at once seen on reference to Appendix T.

OPINION OF THE COLLECTOR ON THE PROPOSED SETTLEMENT.—45. Since writing the above

Appendix B.

I have received a letter (appended) from the Collector of Kurnool, dated the 17th instant, No. 315, containing his views on the proposed Settlement. It will be as satisfactory to the Board and Government as it is to myself, to find that so experienced a Revenue Officer as Mr. Minchin, concurs generally in the proposals which have been made and considers the rates of Assessment, moderate and fair. I may briefly remark on a few of the points touched on in his letter. Mr. Minchin doubts whether the rates proposed for the poorer Red soils may not in some cases prove too high, and Deputy Collector Ragoonadha Row shares this doubt with him. The rates proposed for these soils are not high when compared with those adopted in other districts, as will be seen from the table given at para. 25. It is possible that a portion of the area classed under VII. ii. may be too poor to bear the rate of 8 Annas which has been allotted to it, but at the same time I would observe that, that rate is only 2 Annas higher than the lowest proposed by Mr. Bayley for the Red soils (see Selections No. VII of 1854, page 22.) Mr. Bayley's rates for the red soils were

Rupees	1	0	0
"	0	12	0
"	0	8	0
"	0	6	0

The Board will remember that this point was brought forward when the Inam Commis-

Commissioner's letter to Government, dated 12th November No. 429.

Proceedings of Govt. 7th December 1860, No. 2,380 and 16th February 1861, No. 375.

sioner proposed to have only two rates for the Red soils in Kurnool, viz., 8 Annas and 4 Annas. In para. 5 of his letter to Government, dated 28th March 1861, No. 529, recorded in their Proceedings of the 9th April following, No. 789, Mr. Newill writes, "I should deprecate very large tracts of land being assessed at so low a rate as 4 Annas an acre, which is about the price of two days' labor of one man in the year for the acre. If land will not bear to be taxed with more than this proportion of the value of an individual's labor for the whole year, its cultivation can scarcely be profitable and had better be left alone; but this is not likely to be the case in any extensive tracts. In the general scheme of Assessment for the Trichinopoly District, so low a rate as 4 Annas will not occur at all." On reference to Appendix U of the Deputy Director's Report, I find that out of an area of 42,354 acres of occupied land which consists of the poorer Red soils, 18,416 acres have been assessed at 4 Annas, and 23,938 acres at 8 Annas. In deference to the opinion expressed by Mr. Minchin, I would propose that the Officer introducing the Settlement be vested with discretion to assess at the lower rate such portion of the last mentioned tract as he may consider on further inquiry, and in communication with the Collector, to be too poor to bear the higher rate. Even supposing the 4 Annas rate to be applied to the whole of that tract, the Revenue to be foregone would not amount to Rupees 6,000.

46. In para. 17 Mr. Minchin advocates the immediate imposition of the whole of the new Assessment, even in cases where it involves a large increase over the old. As far as equity is concerned there can be no doubt that the whole may be fairly demanded, but, in the Godavery District, it was considered politic to impose the increase gradually where it was large, and the Director and the Board concurred in recommending the adoption of a similar course in the Kistna District.

Director's letter, 12th October 1861, No. 1,517, Para. 32. Board's Proceedings, 17th October 1862, No. 6,927, Para. 42.

47. I think that in paras. 22 and 23, Mr. Minchin has shown good cause for treating such portion of the existing irrigation, as may not be transferred to the Company, in the same manner as the irrigation under their works. The area affected is limited, the difference between

the effect of applying the consolidated rate or the separate land and water rates is very slight, and the advantages of a uniform system undoubted.

48. The recommendation made above in para. 27 derives great additional force from the remarks in para. 25 of the Collector's letter. Under the positive assurance now given that the wells were constructed at private expense, I trust that the Board will recommend the abandonment at once of all extra charge for water on lands irrigated from them.

49. Mr. Minchin proposes that half the water rate that may hereafter be fixed should be charged on land where the water is raised from rivers or from the Company's canal by artificial appliances. The area so watered from river channels is very small; that to be so watered from the Company's works is at present unknown. In the Godavery three-fourths of the full water rate is levied on land similarly situated, but it was never supposed that the reduction covered the additional expense incurred by the Ryot. I do not object to the half rate now proposed, but, as the question involves the price of the water, it must apparently be settled in accordance with the provisions of the contract deed.

CONCLUSION.—50. I cannot conclude this report without adverting to the very heavy loss which the Government and the Department have sustained in the death of the able Deputy Director, on whose laborious investigations and inquiries the present proposals are based. From

NOTICE.

It is with deep regret that the Collector announces the death from Cholera, of F. W. Morris, Esq., Deputy Director of Revenue Settlement, which mournful event took place in Kurnool on the morning of the 16th October.

His labours for the Settlement of the taluks of Kurnool proper have been completed, and the Ryots of those taluks will obtain the benefit of his assiduous discharge of duty, if the proposals brought forward by him, receive the sanction of the Government. His death is an irreparable loss both for them and the Government he served, and his memory will be affectionately remembered by the people in connection with the important work, which he lived to mature, but not to introduce.

The crowd that followed his remains to their last resting place, was some token of the respect entertained for his memory by all classes in Kurnool.

(Signed) J. I. MINCHIN,

17th October 1863.

Collector.

his first appointment to the Department in 1860, Mr. Morris threw his whole heart and soul into his work, to which he has ever since devoted himself with untiring energy and zeal, a zeal which he has ever done his best to instil into his subordinates. In him the Government have lost an Officer of high promise, whose place it will indeed be difficult to fill. To show the estimation in which he was held by high and low, I annex, in the margin, a graceful obituary notice by the Collector of Kurnool which appeared in the Government Gazette of that district of the 17th instant.

I have the honor to be,

Sir,

Your most obedient Servant,

R. E. MASTER,

Officiating Director of
Revenue Settlement.

LIST OF APPENDICES.

- A. 1, 2, 3, 4, and 5, Statements showing the Ayacut and extent of land occupied and unoccupied in Kurnool Proper.
- B. Statement showing Demand, Collection, Remission and Balance of the Land Revenue in Kurnool Proper from Faslis 1249 to 1271.
- C. 1, and 2, Statements showing the "Guttakammi" and "Guttajasti" in Kurnool Proper from Faslis 1252 to 1269.
- D. Statement showing the population and the number of houses in Kurnool Proper in Fasli 1271.
- E. Do. showing Agricultural Statistics in Kurnool Proper for Fasli 1271.
- F. Comparative Statement of Population and Agricultural Statistics for past Faslis.
- G. The Rent Roll of Fasli 1271 in Kurnool Proper.
- H. Statement showing the seasons of the different crops.
- I. Do. showing the extent of cultivation under tanks.
- J. Do. showing the Ayacut and cultivation under channels in Fasli 1270 in Kurnool Proper.
- K. Do. showing the Ayacut and cultivation under wells for Fasli 1270 in Kurnool Proper.
- L. 1, and 2, Map and Statement giving a rough estimate of land irrigable by the Irrigation Company's Canal in Kurnool Proper.
- M. 1, 2, 3, 4, and 5, Maps and Statements showing the area of each class of soil according to the classification in the 1st and 2nd class villages, distinguishing Government and Inam land in Kurnool Proper.
- N. Statement showing the extent of different crops cultivated, and their proportion in Fasli 1265.
- O. 1, 2, and 3, Do. showing the grain values proposed, and those derived from different sources in Kurnool Proper.
- P. Do. showing the commutation prices in Kurnool Proper.
- Q. 1, and 2, Statements showing the cultivation expenses on one acre of land in Kurnool Proper.
- R. 1, 2, and 3, Statements shewing the gross and net value, half of the net and 30 per cent of the gross on the dry land in the 1st and 2nd class villages.
- S. Do. showing the extent of land placed under class II, and the effect of changing it to classes III i and IV i.
- T. Comparative Statement of the Survey and Kurnums' areas in Kurnool Proper.
- U. Financial results on the dry lands in Kurnool Proper.
- V. 1, and 2, Statement showing the Financial results on the wet lands in Kurnool Proper.
- W. 1, 2, 3, 4, and 5, Comparative Statement of the old and new assessment.
- X. Statement showing the extent of land under each money rate in Kurnool Proper.
- Y. Do. showing the number of villages and the extent of increase and decrease of assessment in them according to proposed rates in Kurnool Proper.
- Z. Statement showing the approximate area of certain irrigable portions in Kurnool Proper together with charge of water thereon.
- AA. Statement showing the dry rate from which the effect of adding 3 Rupees water-rate, or 2½ Rupees water-rate may be seen on lands irrigated by artificial appliances.
- BB. Do. showing the extent of "Dofasl," or double crop land in Kurnool Proper.
- CC. Do. showing the unoccupied area and assessment thereon as per proposed rates and averages in Kurnool Proper.

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A
No. 593
212.

REVENUE SETTLEMENT OFFICE,
KURNOOL DISTRICT.
CAMP KURNOOL, 4th July 1863.

From F. W. MORRIS, Esq.,
Deputy Director of Revenue Settlement,
Kistna and Kurnool Districts,

To R. E. MASTER, Esq.,
Officiating Director of Revenue Settlement, Madsas.

SIR,

1. As the field operations of our Department have been finished in the portion of this District known as Kurnool Proper, I have the honor to submit a report containing proposals for the settlement of this tract of country.

INTRODUCTORY REMARKS.—2. Kurnool Proper is the extent of country which formerly constituted the Kurnool Jaghire and afterwards was formed into an Agency. According to the present arrangement of taluks, it consists of four: Ramalakota, Nundikotkur, Nundial and Sirwel. The present Collectorate of Kurnool consists of these four taluks together with four others, three of which formerly belonged to the Cuddlaph District and one to Bellary. The whole of the circumstances of Kurnool Proper, its history, and its present settlement, are totally distinct from the rest of the District, and the four taluks which constitute it, are the only portions of this District which come under the operations of the Madras Irrigation and Canal Company. I have therefore, in accordance with your instructions, made a pause at the close of the field work in this portion, and called the parties in at this juncture for the authorized recess. Before we can take the field again, we must receive the orders of Government concerning the next field of operations, and I take advantage of this interval, to submit this report for the settlement of the extent of country already operated on.

3. This District was taken up under the instructions of Government in May 1861, in order that the new Survey Settlement might be ready in time for the claims of Government and of the Madras Irrigation and Canal Company to be clearly settled, before the latter commence to demand returns for their water. During the present year, Colonel Cotton, the Chief Engineer of the Company, reports that he will perhaps be able to bring water down the Canal nearly as far as Nagatur and to irrigate about 10,000 acres, if the land is prepared for wet cultivation. Although all possible expedition has been used of late in pushing on the field work in this District, it has been found impossible to get the settlement ready in time for introduction in the ensuing Fasli 1273. The Government have, therefore, decided that the assessment of land now dry, but which may be irrigated by the Company's water in Fasli 1273, shall be the present dry rate *plus* a water rate of 4 Rupees, and, to relieve the minds of persons wishing to commence wet cultivation now from any apprehensions regarding the permanent assessment in future, they have further guaranteed that, whatever the amount of the new assessment may be, persons, availing themselves of the Order of Government in the Revenue Department dated 9th February last, No. 283, to commence cultivation this year shall not be assessed beyond the present dry rate and a 4 Rupees water rate.

4. The present report is submitted with all despatch within a month of the receipt of the last returns of the field work, so that, in accordance with the wish of Government implied in their Order above quoted, the Survey Settlement may be introduced from the commencement of Fasli 1274 (1st July 1864). * I respectfully beg that final orders may be given me as early as possible, so that I may have time to go through the preliminary steps necessary to give effect to the settlement.

* In writing this, however, I forgot that the introduction of the settlement, after the receipt of the Government Orders, does not depend only on my efforts. It cannot of course be carried out until I receive the survey areas, and it is not likely that I shall receive those of the whole District, or even of all the villages irrigable by the Irrigation Company by the 1st of March next, for after that date, there will not be sufficient time to prepare the settlement accounts for villages received for introduction on the 1st July. It is probable, however, that we may be able to settle as many villages as the Company will water next year, before they commence to make any demand for their water. The remaining irrigated villages may be settled the next year, and the District finished in Fasli 1276 (July 1866).

5. With this *resumé* of the present circumstances of this District, I turn to the subject immediately before me.

GENERAL DESCRIPTION OF THE LOCALITY.—6. Kurnool Proper is an inland province. It is bounded on the south and west by the Districts of Cuddapah and Bellary, or the taluks lately transferred from those Districts, and the Banganapalli Estate. On the north, it is bounded by the Tumbudra and Kistna rivers, which separate it from the territory of His Highness the Nizam. There are five villages on the north of the Tumbudra which, however, are an exception to this rule, and belong to Kurnool, while three villages to the south belong to the Nizam's territory. In an old report of Mr. Blane, when he was Commissioner after the assumption of the country, dated 12th October 1841, it is stated that it is probable that the five villages to the north of the Tumbudra were given over to Kurnool because they were in immediate vicinity of the fort, which is partly commanded from the opposite bank of the river, and that the three villages were given over to the Nizam in compensation for them, though the latter are very inferior in value. On the east side, Kurnool Proper is bounded by the chain of hills, well known as the Eastern ghauts which separate it from the Cumbum and Markapur taluks (now also belonging to the Kurnool District), and the sea coast. Its extent according to present Revenue accounts, is about 2795.77 square miles. Out of this 636.25 square miles have been excluded from the survey limits and thrown into block with the Erramalla and Nallamalla Hills. The surveyed portion contains 2159.52 square miles, and consists of the following items:—

- | | |
|--|--|
| (1.) | 50.50 square miles of Agraharams. |
| Vide Appendix A for further particulars. | (2.) 892.00 „ of land occupied by Ryots paying assessment to Government. |
| (3.) | 686.46 „ of Inams. |
| (4.) | 294.31 „ of culturable unoccupied land. |
| | { 184.93 Classified. |
| | { 109.38 Unclassified. |
| (5.) | 245.92 „ of Poramboke (unculturable.) |

GENERAL HISTORY.—7. The general history of the Kurnool Jaghire, before its assumption by the British Government, is well known and has been laid before Government in several reports. I will not therefore dwell long on it here, but I will cursorily pass over it, until we come to the British rule where its history develops itself into one of internal management of the country, the external events and changes (if I may be allowed the expression) being from that time of no importance.

8. The Kurnool Jaghire was conferred in A. D. 1651 by the Mogul Emperor, Aurungzebe, on Khizzer Khan, for military services rendered by him and his ancestors, who are an ancient Afghan family. Khizzer Khan was assassinated by his son, who, usurped the throne. On his death, his two brothers ruled the country conjointly, and on their demise, the son of the younger brother succeeded. This son, Ibrahim Khan by name, re-built and strengthened the fort of Kurnool. The country peaceably descended to his son and then to his grandson. This brings us down to the appearance of the European powers on the stage. In 1750, the grandson, Himmat Bahadur Khan accompanied Nazir Jung in his expedition to the Carnatic. Mozuffer Jung, Nazir Jung's nephew, better known to the natives by the name of Hidaget Moideen, succeeded his uncle as Subadar, and was a mere puppet in the hands of the French. The discontent of the Nawab Pathans broke out on their return to the Deccan, and in the memorable battle which took place at Rayachoti in 1751, the Subadar was killed by the Nawab of Kurnool, and the latter was cut to pieces by the infuriated soldiery of the former. Joining cause with the Nawab of Cuddapah, and the other Pathan Nawabs against a falling master, he very treacherously turned against Nazir Jung, and the latter was assassinated. The French then set up a Subadar of their own, Salabat Jung, who on his way back to Hyderabad with Bussy to assume the reins of Government, assaulted Kurnool and took it in 1752, massacring the Pathan garrison and many of the inhabitants. Salabat, satisfied with his slaughter during the assault, after a short time gave back the province to Munawar Khan, son of the late Nabob, as a Jaghire for a sum of money, the arrangement being brought about by the prudent management of the Dewan, who had accompanied Himmat Bahadur Khan in his expedition to the Carnatic. Munawar Khan quietly held possession of the country

until another enemy appeared in the person of Hyder Ali, who levied a contribution of a lakh of Rupees on him. Munawar Khan, as a feudatory of the Nizam, sided with him and the English, and in 1790 sent a body of horse commanded by his third son Alif Khan to assist the allies in the siege of Seringapatam. He died that year after holding the Jaghire for 40 years, a long tenure in those troublesome times. The country was seized and held by Alif Khan, who took advantage of the absence of his two elder brothers to usurp the Jaghire.

9. On the 12th October 1800, the English concluded the treaty with his Highness the Nizam, in which the large tract of country to the south of the Tumbudra was given over to them, and they became the feudal superiors of Kurnool. Alif Khan was then on the musnud, and he continued to pay his Peshkush of a lakh of Rupees, with great regularity until his death, which occurred in 1815. His second son, called Muzuffer Khan, tried to seize the throne, but the English interfered and installed Munawar Khan, the eldest son and legitimate successor. Munawar Khan died after a mild, and for a Mussulman ruler, benignant reign of nine years. Then came Muzuffer Khan's turn again, and he very nearly gained by fair means, what he tried to acquire by foul nine years before, but he murdered his wife on his journey to take possession of the country, and was imprisoned for life in the Bellary District. The English Government then looked around for a ruler, and their choice fell on one Gulam Russul Khan, a favorite, but illegitimate son of Alif Khan, by a dancing girl. The choice was most unfortunate. He was a man of violent temper and foolish conceit, and there are some doubts about his sanity. Though hated by the people, he was persuaded by parasitical followers, to plot against the English, to whom he owed all his power. Two Commissioners, Colonel Steel and Mr. Blane, were sent up to inquire into his conduct, and he prevaricated in so gross a manner and acted altogether so foolishly that strong suspicions were entertained against him, and his country was taken from him. The foreign troops in his employ, consisting chiefly of Rohillas, made a feeble attempt at resistance, but were speedily subdued. The Nawab was sent prisoner to Trichinopoly, where he was assassinated by one of the victims of his former tyranny.

10. The British Government assumed charge of the country on the 18th of October 1839. It was then placed under a Commissioner until 1843, when an Act was passed forming it into an Agency. It remained a non-regulation province until 1858, when parts of Cuddapah and Bellary were added to it, and it was converted into a Collectorate and put under the ordinary laws of the land.

REVENUE HISTORY.—11. It is impossible to draw out any history of the Revenue management of the country during the time of the Nawabs. There were no laws between the governing and the governed, the taxer and the taxed, except the ruler's own will. The little that we can learn of the internal economy of the country before the immediate rule of the British shows us that the manner of the imposition of the revenue was most arbitrary, and the collection most iniquitous. The whole known history, with the honorable exception of Munawar Khan's rule, is but a series of acts of oppression and violence on the part of the Nawab and passive resistance or flight on the part of the people. Mr. Blane, the Commissioner,

Vide letter of Commissioner 12th October 1841, No. 132, paragraph 17.

on the assumption of the country, constantly mentions these facts, and shows that the population was about one-half in proportion to that of the surrounding Districts. There are, however, now few records of those times extant. The story of their destruction is amusing. The British

Vide letter of Commissioner 12th October 1841, No. 132, paragraph 25.

soldiers who were employed in installing Munawar Khan on the throne, took a fancy to the cloths in which the records were wrapt and pilfered them, throwing the records into inextricable confusion. When Munawar Khan was fairly seated on the throne, he tried to re-arrange them, but finding the trouble too great, he employed all his elephants and camels for some days to throw them into the river. That flowing tide carried down in its bosom the evidence of many a deed of oppression and many a by-gone story of woe! This act of Munawar Khan, the mild, has effectually thrown the cloak of oblivion over the doings of his ancestors. In this oblivion we per force must leave them.

12. It will be, however, as well to record a few of the acts of the last Nawab to show the state of the country when it was at first assumed. The Revenue administration was in the greatest disorder, and was carried on without any system whatever. No public accounts were kept except by the village Officers, and the amount of remittances was carried straight into the Nawab's Zenanah, that being his only Treasury. The amount to be paid by each village was changed according to the caprice of the Nawab, and he would increase his demand without any ostensible reason. When his demands passed all bounds, the people would fly. Then the Nawab would allure them back with promises, and give them a cow to re-assure them, but as soon as the crops were ready to be cut, he would seize the produce, breaking through his word without scruple. In Nundial, where there is some valuable wet cultivation under a fine tank, he played the people this trick for two or three years, until at last they threw up the land, leaving the Pariah servants of the village to carry on the cultivation as best they could for the Nawab. In another village, Nunnur, he added 5,000 Rupees to the demand, because a horse of that value, died there. The inhabitants fled, and left the Nawab to continue the cultivation with his own servants and bullocks.

13. Such was the condition of the country when it became a British possession, and a more deplorable one can scarcely be conceived. As the state of affairs of the District at first was very unsettled, the Jamabundi of the broken period of Fasli 1249 was made on the same principle as had been followed under the Nawab's Government. The Commissioner describes that principle as a mixture between Ryotwari and Village-settlement, but from the description he gives of it, it appears that it was nominally a Joint Rent, such as prevailed in the late Rajahmundry and Masulipatam Districts, but whilst in those Districts, under the management of the English Government, it gradually developed itself into a Ryotwari system, the Revenue authorities interfering in all of the details of the division of the assessment and making their demand on each individual, in this District, while under the Nawab, the Ryotwari element fell more and more into the back-ground, and the system became a rent to the head men of the village. The individual responsibilities of the Ryots were ascertained, and so far only it resembled a Ryotwari settlement, for the whole village was nominally responsible for the gross demand. The head men, however, were held answerable for the collection, and authority was exercised by them "in distributing the lands, fixing the rate to be paid on them, and lowering and increasing it according to the means of the Ryots, or on other accounts," and thus they became in reality the renters.

14. In Fasli 1250, a Ryotwari settlement was introduced. The individual responsibilities of the Ryots, which were hitherto nominal, became real, and Puttahs were issued to each cultivator according to the amount of land held by him under the renting system, and for the amount of assessment apportioned against him by the head men of the village. The joint stock system was suddenly cut aside and each man became answerable for himself.

15. The effect of this change of system was unexpected but instructive. The country was much impoverished by previous mismanagement, and it so happened that the prices became ruinously low for the cultivator, but the joint responsibility of the community kept up the extent of the cultivation as much as it was possible to keep it up, as it was the only way that the rent of the village could be paid. As soon, however, as this tie was dissolved, and the joint interest broken up, the poorer Ryots were unable to struggle on, and there was no one who would assist them. The richer Ryots looked with complacency on their decline, as it reduced them to the state of day-labourers, whom they hired to cultivate their own lands. The consequence was that although there was very little liberty to the Ryot in those days to contract his holding, the authorities were obliged to allow the relinquishment of much land, and from Fasli 1249 to Fasli 1253, there was a steady decrease in the Revenue.

16. Such then was the effect of the introduction of the Ryotwari system in Kurnool. But as it is the ground-work of the present assessment, it will be as well to examine more particularly the basis on which it was framed, and whether the taxation thus imposed was just and equitable and easily borne by the country.

17. We may naturally anticipate from the fact of the assessment being imposed according to the rates fixed by the influential men of the village, that it was not fairly apportioned on the different lands, and that they favored themselves, and their friends while they placed on their poorer brethren more than the proper share of the public burden. That this was the case, we have abundant testimony from the old records, but I will only quote one instance where the fact was clearly brought to notice in the Settlement Report for Fasli 1252. "It is true," says Mr. Scott in that report, "that each field has a Teerwah

Vide letter from Commissioner of Kurnool, to Chief Secretary to Government, dated 25th October 1843, No. 36, paragraphs 11 and 13.

"tacked to it, but it is entirely nominal, for No. 1

"may be assessed at 1 Rupee, and No. 2 next to it, and of the same description, may be rated "at 3 Rupees an acre without any one being able to assign any other reason than that it is so." Again, "Such is the ascendancy of the Reddies and Curnums, and the subjection of the Ryots "from long established custom, that nothing is easier than for the former to saddle any one "with an undue proportion of highly assessed land, reserving the most lightly rated or the "lands nearest to the village for themselves and those whom they may wish to favor."

18. The over-taxation of the country at that time when the artificial tie of the renting system was removed, is equally palpable. There were heavy balances of revenue which it was found impossible to recover each year and large remissions were made. Besides this, there is the directly expressed opinion of the Officers who conducted the administration of the country in those days. Mr. Blane, the first Commissioner says,

Vide letter from Commissioner of Kurnool, to Chief Secretary to Government, dated 12th October 1841, No. 132, paragraph 7.

"In a district, many of the villages of which are "assessed at almost a rack rent, and the inhabitants "of which are in consequence so poor, the same regularity of collection cannot be looked for as in the more favored Districts of the Company."

Mr. Scott two years later says, "If bad farming, heavy balances year after year, land which "has no saleable value, and a universal struggle to "reduce the size of the farms, are proofs of poverty "or symptoms of over-taxation, then assuredly Kurnool can produce abundance of them."

19. To remedy this state of things, almost co-temporaneously with the assumption of the country, was a proposal made by the Government of India for a systematic survey and assessment. Mr. Blane recommended that a survey should be instituted, and as the system of a rough field survey, on the model adopted by Sir Thomas Munro, was greatly in favor in those days, it was immediately sanctioned and carried out in Faslis 1251, 1252, and 1253. Mr. Bayley afterwards expressed his regret that the survey had not been a professional one, and the fact of the old survey being now entirely set aside and a professional one introduced in its stead, shows how accurate was the discernment of that able Revenue Officer. With regard to assessment, Mr. Blane thought that the condition of the country was such that it would be advisable not to have a field assessment at first, but, to give it some relief, he proposed that the villages should be given to the inhabitants on a moderate rent for a term of years. What the object of the survey under these circumstances was, I do not quite see. However, the Government did not support the proposal,

Vide letter from Commissioner of Kurnool to Chief Secretary to Government, dated 19th December 1843, No. 43.

and in 1843 Mr. Bayley prepared his elaborate scheme for a field assessment. In the following year, Mr. Scott urged that, as it would be at

least three years before the survey assessment could be introduced, and two years before its effects could really be felt, it would be advisable to allow a moderate rent of the villages founded

Vide Proceedings of the Board of Revenue dated 1st July 1844, paragraph 4.

ground that the experience gained under direct management would be very valuable in introducing the Survey Assessment.

20. It is very remarkable that the fact of a proposal for a regular Survey Assessment being made, did more to prevent any important change in the Revenue Administration of the country than any thing else. In almost every Settlement Report for a long course of years, the Agent makes reference to the fact of the unevenness of the assessment and to the want of the survey, which the Board of Revenue acknowledge, but in anticipation of the survey being introduced, they only adopt

Vide Proceedings of the Board dated 2nd August 1847, paragraph 18.

a temporary measure of relief according to the exigencies of the year. At first the Board were very particular that the remissions granted should only be considered temporary, and they directed the Agent to follow Sir Thomas Munro's plan of writing that it was so upon the Ryots' Puttahs so that there could be no mistake, and the remission granted in one year might not be brought up as a precedent for a similar indulgence in the next. The Agent, however, appears from the very beginning to have made some alteration in the old native rates, but no report of them at first was made to the Board. Gradually, however, the fact came to the Board's notice, and then clear orders were given that such changes were always to be reported to them for their sanction. The changes in the rates, however, were made with great caution, and the Board at first directed that the old rates should still be exhibited in the accounts along with the revised ones. By degrees, however, changes in some of the rates at the time of the Jamabundi came to be recognized as an established proceeding, and formed a regular item to be reported on in the Settlement Report. The changes began by being a reduction only on lands so highly assessed as to be unable to bear it, but in the progress of time, the opposite process was also taken up, and lands given on a very light rent, or on no rent at all, in compensation for other lands too highly assessed, were taxed higher. There seems, however, to have been no regular system on which the increase or decrease in the rates were made, but it was done entirely at the discretion of the Agent. The amount of the rates lowered, however, was always greater than the amount of those raised.

21. The only general change in the assessment of the District that has been made since the assumption of the country, is the abolition of the high tax on special products, which was carried out all over the Presidency in accordance with the orders of the Court of Directors. The Government were of opinion that the defects in the ordinary assessment, however great, did not form a valid reason for adhering to the existing usage in Kurnool in respect to the treatment of such lands, and that the system was "highly injurious, unjust, and repressive of the industry and energy of the Ryot," and therefore these high rates were abolished from Fasli 1261. This general deduction did not involve the abolition of the distinctive term "Bagayat" as applied to lands. "Garden lands" still continued to pay very high rates, although small changes were made year by year, as I have already described, but the additional assessment, or "Tirvajasti," which was levied on these lands over and above the high garden rates, when sugar-cane, betel, turmeric, and such like valuable crops were grown, was struck off, and the garden rates only were paid for such lands without consideration of the crop grown in the year, that is to say, no addition was made when sugar-cane or betel was grown, but no reduction was made when ordinary crops were cultivated, and the assessment demanded was the very high rates placed by the Native Government on lands which grow ordinary garden products, such as chillies, onions, &c.

22. Another important circumstance in the Revenue history of the District is, that from the year 1843, there has been a large rise in the prices of grain, so that they are now nearly three times as much as they were 20 years ago. I need not dwell on the fact of the great advantage that the cultivator has derived from this circumstance, as it is obvious.

23. The above-noticed circumstances are the only points of any interest in the Revenue history of the last 20 years. But although there have been no very remarkable changes, nor any very salient points of improvement, yet there is no doubt that from Fasli 1253, there has been a

on the collections of the past ten years, to be introduced as a temporary measure. The Board of Revenue, however, objected to this on the

a temporary measure of relief according to the exigencies of the year. At first the Board were very particular that the remissions granted should

steadily increase in the prosperity of the District. In Fasli 1249, when we took charge of the

Extracts from Minutes of Consultation dated 7th February 1851, No. 163, paragraph 10.

country, the Land Revenue amounted to Rupees 6,86,817. On the dissolution of the renting system the next year, the revenue immediately began to fall off, and in Fasli 1253, only four years afterwards, it had sunk down to Rupees 5,49,873, which is a decrease considerably over a lakh. This decrease greatly frightened Mr. Scott, who was then the Agent, and he praised up the renting system and pleaded hard for its restoration, comparing

Vide letter of Agent to Board of Revenue, dated 19th December 1843, No. 43.

the country to a faggot of sticks which was strong when tied together by such associations as the one he advocated, but weak and breaking to pieces in detail, when such bonds were cut asunder. Most luckily for the country, the Board allured on by the prospect of a survey, refused to listen to his proposals to restore a system which induced a sort of spurious prosperity among the Ryots, but which was unnatural and unhealthy, and opposed to any real advance in the prosperity of the District. Of course, in a country ground down by illegal exactions and disheartened by acts of oppression and violence, the rupture of accustomed ties produced a temporary depression. This was to be expected. But very soon things began to mend, and in the very year in which Mr. Scott was so filled with apprehensions of the decline of the District, an improvement became visible. In four years, the revenue of the District fell off more than a lakh. It took just the same time to recover to that extent and it has continued ever since, notwithstanding a decrease made from time to time in the rates, to increase with almost an uninterrupted flow, and now the revenue is over a lakh of Rupees more than it was when the country came into our hands, and nearly 2½ lakhs more than its lowest ebb. Another mark of an improvement in the circumstances of the country is the fact that temporary remissions were granted in Fasli 1251 to the extent of Rupees 64,866, but since then, although the amount has varied, it has on the whole gradually decreased, and in the last two Faslis it has not been thought necessary to give any remissions at all.

24. This happy state of things I attribute, as far as I can gather from a perusal of the old records, to a combination of three circumstances. First, a confidence inspired by a just and regular mode of administration. No longer were the people required to add the value of a horse, to the annual demand on their village, because an animal happened to die there. No longer was the assessment doubled without any assignable cause. No longer were promises broken, crops seized and people driven from their homes. On the contrary, their affairs were diligently inquired into every year, and their burdens lightened when palpably heavy. Secondly, relief was

Reduction of assessment.....	RS. 65,915
Increase of do.	56,350
	<u>9,565</u>

Vide Appendices B and C for further particulars.

given every year, first in the shape of temporary remissions, and secondly in the shape of a permanent reduction in the rates of the assessment. The latter amounted to Rupees 9,565, so that land which was paying Rupees 6,86,817 in Fasli 1249, was paying Rupees 6,77,252 in Fasli 1270. The third cause of prosperity was the increase in the prices. I do not think that the increase in the revenue can be attributed to any one of the three causes separately, but to a combination of all three, which produced a general increase in the prosperity of the District. It is true that the rise in the prices began in Fasli 1254, together with the rise in the revenue, but it will be noticed that when there is sudden decrease in the prices in any particular year, such as Fasli 1266, the revenue does not fluctuate with it. The slight fluctuation in the general increase in the revenue, such as occurred in Faslies 1259 and 1263, appears rather, from the Settlement Reports, to have been occasioned by adverse seasons.

25. The practical conclusion then that, I think, may be drawn from the past revenue history of the District is that the gross amount of the revenue that it now pays is about as much as it can bear, but that there are still a large number of high rates that want lowering, and low rates that require bringing up. It is true that remissions have not been granted of late years, and nevertheless much land highly assessed is still retained by the Ryots, although they have full liberty

to give it up, but this is owing to the unusually high prices, which have been ruling during the last five years. I find that this opinion has been expressed by the Collector in his letter to the Board of Revenue dated 8th August 1860, No. 129, paragraph 20.

26. The main work then to be done under the present settlement is to carry out, at a stroke, that process which has been going on in only a very partial and imperfect manner year by year in the annual settlements, that is to say, to smooth down the great inequalities that now exist in the rates, and to put on each field the assessment that it really can bear. That such has been the actual result, I trust that I shall be able to demonstrate before I conclude my report.

STATISTICS.—27. I may here remark on a deviation that I have made in this report from the usual course adopted in our Settlement reports hitherto. It has been customary under this head and some others, to give in the body of the report Statements, chiefly abstracts of those given in the Appendices, but some nevertheless very large. It appears to me that this arrangement unnecessarily swells the bulk of the report without really adding to its usefulness. I look upon the report as an explanatory paper, intended to embody the most important points of the settlement in a convenient form. For the general reader, this is enough, but for those on whom falls the responsibility of deciding whether the settlement in all its details is suitable or not, something more is required. I have therefore appended as many Statements as appear to me to be wanted to explain fully all particulars regarding the present state of the District and the proposed new settlement, and I have endeavored to give a connected account of only the chief features of the latter in the report. I may, however, have omitted some points of importance and given more than due weight to others, and therefore the Statements themselves must be consulted to obtain an accurate knowledge of the results of the work of our Department. For this reason, I have not given abstracts of them in the body of the report.

28. To illustrate the general condition of the country, the following Statements of statistics are given as Appendices:—

Appendix D.		A Statement showing the population distinguishing Hindus, Mahomedans, and Christians; agriculturists and non-agriculturists; and the number of flat-roofed, tiled, and thatched houses; as at present existing.
Appendix E.		A Statement of agricultural statistics, as now existing.
Do. F.		A comparative Statement of population and agricultural statistics for past Faslis.
Do. G.		The Rent roll for Fasli 1271.
		From these Statements the following particulars are gathered:—

Population.—29. The population of the District, according to the Census taken in the year 1861-62, is 3,32,270 persons. Taking the area according to our accounts, the number of persons to a square mile is 118. If we exclude the town of Kurnool, it is 108, and if we further put out of our calculations, large tracts of unculturable hills and jungles, the number per square mile is increased to 143.

Population compared with that of neighbouring Districts.—30. I have not the statistics of the population, &c. of the neighbouring Districts of Bellary and Cuddapah for the last Census taken in Fasli 1270. As however it will be interesting to compare the condition of this District with its neighbours, I will do so on the accounts of Fasli 1265, the preceding Census. According to that Census, the average number of persons per square mile in Bellary, Kurnool, and Cuddapah was 94, 103 and 116. This shows that the District is in population, as in situation, mid-way between the two adjoining Districts. It is remarkable, however, that Kurnool Proper is much more populous than the taluks lately transferred from those Districts, as the population of them is only 90 per square mile.

Comparison of Population in different taluks.—31. Comparing the four taluks of Kurnool Proper with one another, Nundial is by far the most populous, and Nundikotkur the least, Ramalakota is more or less than Sirwel, according as the town of Kurnool is included or excluded.

Comparison of Population in past years.—32. We may now notice the changes in the population during past years. A Census was taken in Fasli 1249, the very year in which the country was assumed. This was continued every year from Fasli 1252 until 1269, when the annual Census was abolished, and orders were given to make the Returns quinquennially and measures were taken to have them made more

Vide letter to Government, dated 12th October 1841, No. 132, paragraph 17.

correctly. With regard to the first Returns, Mr. Blane said that he did not feel very confident of their correctness, but that they were sufficiently near the truth to show in what a low state the population then was. He attributes this, in a great measure, to the lowness of the assessment, and the security of property in the neighbouring Districts, which had gradually drawn off a number of the people from Kurnool. In Fasli 1252, there was another Census taken, which exhibited a further decrease of about 7,300 persons according to the Returns furnished, but from this period, which I have already pointed out as the turning point in the history of the District, the numbers have continued steadily to increase, and according to the last Census the amount of the population, as compared with that recorded in Fasli 1252, is nearly as 11 to 6. This increase no doubt is to a great extent due to natural causes, but perhaps it is also in some measure due to a contrary state of things to that mentioned by Mr. Blane, that is to say, that equal security in Kurnool to that prevailing in the neighbouring Districts, allured back many who had wandered away from their homes in troublous times. For the last three years, the works of the Irrigation Company have attracted a number of people into the District.

The component parts of the Population.—33. The greater portion of the population is, of course, Hindu, but the Mussulman element is very large, as compared with other Districts, especially those on the coast, although I believe the number has lessened of late years. The Mussulmans are 15 per cent. of the whole population. This is owing to the country having so lately come out of the Moghul rule, when, naturally enough, individuals of that nation were more highly favored than the rest of the community. The Christians are about 38 in every 10,000. They are chiefly Roman Catholics, and the greatest number reside in the Nundial and Sirwel taluks.

Houses.—34. The District is situated just to the west of the Ghauts. On the east or sea coast side of the Ghauts, the Native houses are chiefly thatched, while in the Bellary District, and in the Deccan, the houses are mostly flat-roofed. Those of this District partake of the character of both. In the taluks adjoining the Eastern Ghauts, the thatched houses predominate, but in Ramalakota, there are more flat-roofed dwellings. On the whole, the number of thatched houses is twelve times as great as the flat-roofed. The latter certainly have a greater appearance of comfort, but they are not, as far as I can gather, a sign of greater prosperity. With two solitary exceptions, there are no tiled houses in the District. In this respect, the villages here differ from those on the coast where there is a very fair proportion of tiled houses occupied by the more wealthy inhabitants. To each house, there are about four souls on the average. This, however, does not represent the average of a man's family, for as soon as a son marries he takes a separate house, and the people generally marry young. This proportion of persons to a house is pretty much the same as that in Bellary.

Agricultural Population.—35. As is usual in India, the number of the cultivating population is much greater than the rest. The proportion of agriculturists in this District, as compared with the rest, including the town of Kurnool, is nearly in the ratio of 7 to 4, the numbers being 2,11,207, and 1,21,063. These numbers include men, women, and children. The actual number of cultivators, that is to say, Ryots holding Puttahs from Government, is 31,814. The number has nearly doubled since Fasli 1252.

Statistics of the Agricultural Population.—36. There are 26,317 individual Puttahs, and 3,175 joint Puttahs in the District. The average assessment paid per man is Rupees 22-8-0. This shows but a very low degree of prosperity. The highest amount paid to Government by one man is Rupees 919-4-3, and the lowest Rupees 0-5-6. The number of Ryots-holding land paying assessment between 500 and 1,000 Rupees is only 22. The number of pauper-holdings is very large, no less than 11,968 persons out of the 26,317 individual Puttahdars, paying under 10 Rupees. The average amount paid by these persons is less than 6 Rupees a year. We profess to take half the net value of the produce, or in other words the cultivator's profit is calculated to be about equal to the amount of assessment he pays to Government. If this has any approach to the truth what a deplorable state of poverty the District is in! The average income of each Ryot is then a little over 2 Rupees a month; and no less than 11,968 men are living on the average of something less than half a Rupee a month! I do not, however, believe that the condition of Kurnool is worse than most of the other Districts, and in this state of things, it is not to be wondered at that the agricultural resources of the country are not very expansive. In such a country, it is not surprising that a new demand, like that which has now arisen for Cotton, should meet with but a feeble response.

37. On this subject, the Collector has favored me with the following remark:—"Small land holders, I believe, to be the laboring class struggling to rise to the position of landed proprietors. They live by labor, and the profit of their land is so much in excess, or supplementary. To mourn over small holdings, is to mourn over the best instincts of man, endeavouring to better his condition and become independent."

Comparison of the Revenue statistics of each taluk.—38. The largest taluk, if we include hills and jungles, is Nundikotkur, and then Nundial. Ramalakota and Sirwel follow in order; but if we exclude hills and jungles, and take either the culturable portion or the cultivation, the order is Ramalakota, Nundikotkur, Nundial and Sirwel. But in the amount of revenue yielded by the different taluks according to the accounts of last Fasli, Nundial stands first, then Nundikotkur, then Sirwel, and last of all Ramalakota. This is in the order of the absolute amount of revenue yielded by each, but in the average rate per acre, Sirwel ranks before Nundikotkur. In this relative value of the taluks, I am of opinion that the present incidence of the assessment,

Taluks.	Average amount			
	Of land held by each Ryot.		Of Assessment paid by each Ryot.	
	Acres.	Ct.	Rs.	A.
Ramalakota.. ..	21	97	20	1
Nundikotkur	22	25	26	0
Nundial.. ..	12	95	20	6
Sirwel	17	62	24	13

is a pretty correct guide. The soils of Nundial and Sirwel on the whole are pretty well on a par, and then comes Nundikotkur. The soil of Ramalakota is the poorest. The average amount of land held, and the average amount of assessment paid per Ryot in the different taluks is given in the margin.

Summing up.—39. The sum of the above details is that Ramalakota is the taluk that has the largest extent of culturable land, and is

the most extensively cultivated, but has the poorest soil and the poorest Ryots, and pays the smallest amount of revenue on the whole. Nundikotkur is the most thinly populated, but has the richest Ryots, Nundial is the thickest populated, and on the whole produces the most revenue. It also bears the highest average assessment per acre. Sirwel is the smallest taluk, but holds its own in every other respect. In the proposed settlement, the proportions of these particulars are not much disturbed.

AGRICULTURE.—40. There is nothing very remarkable about the crops grown in this District. Hitherto the cultivation has for the most part been dry, and the principal product is Jonna or Great Millet (*Sorghum Vulgare*. Pers.) which has two varieties called "Tella" (white), "Patsa" (yellow). The latter goes by the name of "Pedda" (great) Jonna on the coast. The white Jonna is a superior variety which is not known on the coast, while an inferior kind called "Gidda" (short) Jonna, common beyond the Ghauts, does not grow here. The other crops are pretty much

the same as grown in other Districts. In Guntur, Varige (*Panicum Mileaceum*. Willd.) is a common crop, while here Araga (*Panicum Frumentaceum*. Roxb.) in a great measure takes its place. The cultivation of valuable products such as Cotton, Indigo, Sugar-cane and Betel is not extensive, and the amount of the two former varies very much in different years according to the season. Cotton is chiefly grown in the rich valley of the Kunder, the portion of the District which, for the most part, comes under the influence of the Irrigation Company's Canal. I may as well notice also that Indigo, which, in the Kistna District is mostly sown in sandy soil, is here grown on Regada or black Cotton soil.

41. The method of dry cultivation is pretty much the same as carried out elsewhere. The wet cultivation commences rather earlier than in the Coast Districts, owing to the monsoon being in advance. There are three methods used in this District in the cultivation of paddy. The first is sowing the seed in the ordinary manner. The second is first steeping the seed in water and keeping it tied up moistened until it begins to germinate and then sowing it. The third is the method of trans-planting. The second method is by far the most common. A second crop of paddy is generally

raised where the water is sufficient. All the garden products are irrigated in this District, and often two or three crops are obtained.

Vide Appendix H for further particulars regarding the seasons of the different crops.

42. Mr. Blane notices on the assumption of the country that there was a striking contrast between the system of husbandry in the Ceded Districts and Kurnool. "In the former," he says, "the fields are kept in the best order, and free from weeds and the destructive nutt grass, while in the latter the use of the large plough is by no means general, and little pains appear to be taken to clear the lands or to render them more productive by manuring, hoeing, or other agricultural operations." There appears now to be quite a different state of things. The contrast no longer exists. The fields are carefully weeded, and the use of the large plough drawn by six bullocks is quite common.

IRRIGATION. Present state.—43. The present state of the irrigation of this District consists of 152 tanks, 57 channels, and 1,231

Government wells. These numbers, however, must not be taken as a criterion of the extent of the irrigation, as most of the tanks and wells command a very small extent of land. There are only 10 tanks that can irrigate more than 300 acres and as many as 73, under which the utmost extent of irrigable land is less than 50 acres. Of the ten large tanks that I have above-mentioned, 7 are in Nundikotkur, 2 in Nundial, and 1 in Sirwel. It must, however, be remembered that the fineness of a tank does not consist in only its water-spread, and the extent of land it commands, for we must also take into consideration the quantity of its supply of water, and the quality of the land cultivated. Only one of the Nundikotkur tanks can give water for a second crop, and that to a very small extent. The number of tanks that can supply water for a second crop, unfailingly, is four, of which two, viz., Nundial and Kadamalla Kalwa, are in the Nundial taluk, and two, Veldurti and Sudapalli, are in Ramalakota. The finest tank in the District in a Revenue point of view is Nundial, which derives its supply from springs in the Nallamalla hills.

44. A little more than half of the channels are springs, known in the vernacular by the name of "Boogga." These "Booggas" are perpetual

springs, and wet cultivation under them is most

profitably carried on on account of the supply being both abundant and unfailing. The lands under them are for the most part entered in the accounts as "double crop lands," and the second crop assessment is demanded without any inquiry as to whether a second crop is actually raised or not. A great deal of the high assessment that they now pay will disappear under the new settlement, as it will be impossible to keep up such very high rates in a general scheme of settlement. The principal springs are Kalwa and Mahanandi. The remaining channels are of a miscellaneous description, some being hill streams, and others deriving their supply from the Hindri, Madduler, Bavanasi, Kunder and minor hill streams, sometimes with a dam, or small anicut, and sometimes without one.

45. There are a great number of wells, but very little land is watered by each, the average being rather more than 4 acres. The cultivation under this source of irrigation is chiefly garden crops.

Vide Appendix K.

46. The amount of wet cultivation in Fasli 1270, exclusive of Inams, was 6,591 acres under tanks, 3,934 acres under wells, and 1,835 acres under channels; total 12,360 acres, which is about 2 per cent. of the dry.

Future prospects.—47. A great change in the state of irrigation is, however, in store for the District. A magnificent scheme is rapidly being carried out, by which a great deal of the country will receive the benefits of regular irrigation. At the village of Sunkesala, about 17 miles higher up the Tumbudra than the Town of Kurnool, that is to say, about 13 miles after that river enters the District, the Madras Irrigation and Canal Company have constructed an anicut. This anicut turns the water of the river down the main channel, which, owing to the formation of the country, is obliged to run quite close to the river, crossing the Hindri at Kurnool by a fine aqueduct, and then continuing its course eastward until it nears the Bavanasi, where it is turned and passed through the water-shed by a large cutting near the village of Mittakandala. As soon as the canal is through this cutting, it commands the great part of the rich valley of the Kunder, between the Nallamalla and Erramalla Hills.

48. The exact extent of land to be watered by the Company's Canal is not as yet known, as the levels have not been taken beyond Nagatur, but the probable area, as estimated by the Chief Engineer, as far as the junction of the Kunder and Vakiler at the southern extremity of the District, is as follows:—

Section.	Description.	Approximate number of acres to be irrigated.
1st	From Sunkesala to Hindri.	Acres.
2nd	From the Hindri to west boundary of Suttanpur.	2,270
3rd	From the west boundary of Suttanpur to Nagatur.	2,440
4th	From the Nagatur tank to cut at Mittakandala.	5,310
5th		30,000
6th	From cut at Mittakandala to Jutur.	40,000
7th	From Jutur to Nundial tank.	9,000
8th	From Nundial tank.	1,00,000
	Total.	1,89,020

or nearly 2 lakhs of acres, which is about equal to one-fifth of the extent of land at present occupied in the District including Inams. As Appendix L. 1 is given the copy of a map furnished me by the Chief Engineer showing the general contour of the extent of land to be irrigated. Following the limits of this map as nearly as they can be traced, and including the whole of the Sirwel taluk (which is not given in the map) but which will probably come entirely under the influence of the

Vide Appendix L 2:

canal, the area according to our accounts is about 4,11,801 acres which is more than double Colonel Cotton's estimate. It is probable however, that Colonel Cotton has made large deductions for land which owing to its high level or other causes, may not be irrigated although lying within the line of country that he expects to be commanded by the canal. I have not been able to make any such deduction owing to an entire absence of data of any kind to go upon. The survey will moreover increase the number of acres, probably 11 per cent. above that exhibited in our accounts, so that 4½ lakhs of acres may be taken as the outside estimate of the irrigable portion of the District. The exact capabilities of the irrigation scheme, however, cannot be ascertained until the whole of the survey has been completed, and the contour line of the flow of the water has been ascertained.

GENERAL DESCRIPTION OF SOILS.—49. Before passing on to the more important points of the settlement, it may perhaps be useful to say a few words regarding the general features of the country and the soils which occur. Although the Tumbudra and Kistna run along its northern border and some smaller streams, such as the Hindri and the Kunder, traverse it in various parts, there is very little alluvial deposit in Kurnool Proper, owing to the rapidity of the current of those streams, and Class I, which forms such an important class in our classification in the Coast Districts, has not been used at all here, but in the few places where the land has been sufficiently enriched by a certain quantity of alluvial deposit, the circumstance has been taken into account by placing the field a sort higher than it would otherwise have been classified. Being an inland District, the sandy series (Classes XII, XIII and XIV) is also not known, and the white or

cretaceous series (Classes IX, X. and XI.) is also absent. The only kinds of soil therefore, that occur are, 1st. Class II., or land artificially improved by man; 2nd, the Regada or black Cotton series (Classes III., IV. and V.); and 3rd the red series, (or Classes VI., VII. and VIII.) of our technical Classification table.

50. Through the middle of Kurnool Proper runs a detached offshoot of the Eastern Ghauts, known as the Erramalla Hills. To the east of these hills, that is to say, between them and the Nallamallas, or the main chain of the Ghauts, is the rich valley of the Kunder. In this valley exists the finest Regada in the District, and it lies in almost one unbroken expanse of country. The sub-soil is of the same composition as the upper or immediately active soil, so that there is a rich fund stored up for some future day, when agriculture may become sufficiently profitable to enable the Ryot to cultivate "high," and the exhaustion of the upper soil will necessitate a search after a means of renewal, which can only be efficiently obtained by deep ploughing. But to the west of the Erramallas, in the Ramalakota taluk and in parts of Nundial, the soil and the depth of the sub-jacent rocks are very various. The whole country is very much poorer than on the other side of the hills, and the red soil prevails to a greater degree, and the rocks are sometimes so near the surface that the land is hardly cultivable.

CLASSES OF VILLAGES.—51. It is this marked difference in the character of different parts of the country that has led me to divide the villages into two classes; those to the north and east of the Erramalla hills being put in the first class, and those on the hills, and to the west of them composing the second class. There is only one exception to this general division in a group of good villages situated in the north-west corner of the Ramalakota taluk. It is true that our Classification table ought to provide for differences of soil. And so it does for all marked differences within a limited extent of country, but it is impossible to provide for minor differences which occur in a large tract without multiplying the classes and sorts of the Classification table, and increasing the difficulty of applying it to the soils. Such minor differences in different taluks, we have hitherto met, and I believe efficaciously, by placing the villages in different classes. In this instance, I have only made a difference in the higher sorts of the Regada in the rates, &c., of the two classes of villages, as I believe that the lower soils are correctly classified. A reference to the best kind of Regada, where the difference in my rates is most marked, will best explain my meaning. III, i, in the Nundial or Sirwel taluk will, as I hope hereafter to show, easily bear a rate of 2½ Rupees, but III, i, in Ramalakota will not. I cannot, however, put the latter under III. ii, and then apply the Nundial rates, as 1½ Rupees is going to the other extreme and is too low. I propose, therefore, by making most of the Ramalakota villages into another class, to give to III, i, in that taluk, the rate of 2 Rupees, which I think it can bear. This, however, only applies to dry rates. My wet rates, I think, are moderate, and can be easily borne all over the country.

The line of division between the first and second class of villages will be seen in the Map, Appendix M 1, and the names of the villages in Appendices A 2, 3, 4, and 5.

STANDARD CROPS.—52. The first subject to be decided among our settlement processes is what crops we shall adopt as standard or representative crops. With regard to wet

cultivation, there is no difficulty. White Paddy* in all its numerous varieties is the staple irrigated crop. Sugar-cane and some garden products are also irrigated, but they bear so small a proportion to paddy that there can be no doubt about the propriety of making the latter the standard crop for wet cultivation.

53. The only point therefore to be considered is the standard for unirrigated cultivation. The following Statement exhibits the proportionate quantity of each kind of dry crop grown in Kurnool Proper in Fasli 1265. Later accounts cannot be obtained :—

Telugu name.	English name.	Botanical name.	Ramala-kota.	Nundi-kotkur.	Nundial.	Sirwel.	Total.
			Per Ct.	Per Ct.	Per Ct.	Per Ct.	Per Ct.
1. Tella } 2. Patsa } 3. Korra ...	White } Yellow } Italian Millet...	Sorghum Vul-gare... (Pers.)	36.42	43.96	43.12	33.82	38.63
4. Araga ...	.....	Panicum Itali-cum (Linn.)	32.8	14.49	16.17	8.13	19.21
5. Pratti ...	Cotton... ..	Panicum Fru-mentaceum. (Roxb.)	6.5	17.88	7.67	4.72	8.4
6. Nili ...	Indigo... ..	Gossypium In-dicum. (Lam.)	2.4	5.31	5.22	14.11	6.43
7. Ulavalu ..	Horse-gram ...	Indigofera Tinc-toria. (Linn.)	4.74	4.20	11.27	28.44	12.29
8. Other crops.	.....	Dolichos Uni-florus. (Lam.)	0.4	0.38	1.47	1.76	0.89
		.....	3.18	5.22	5.9	4.46	4.30
		.....	15.45	8.53	9.99	4.56	10.21
			100.00	100.00	100.00	100.00	100.00

54. From this table it will be seen that Jonna in its two varieties is by far the most extensively cultivated crop, and next to it come Korra, Araga and Cotton. The other crops are grown in such insignificant quantities that we may omit them altogether from our calculations. Jonna is chiefly grown on the black soils, and I propose to take it as the staple crop for Classes II., III., IV., and V. of our scale of Classification.

55. I observe that Mr. Bayley takes *Yellow Jowary* (the Hindustani name for the "Great Millet") as the standard crop. He gives his reasons for doing so in paragraph 57 of his Report as follows :—" 1st, because it is the most general crop of the country, used as food by all classes " of men and cattle, and produce is usually spoken of in this grain; 2ndly, because it is the " only crop that is sown on all kinds of land, and therefore my data of actual measurement of " out-turn was in most cases taken in Jowary; 3rdly, whilst other grains have fluctuated " greatly in their relative prices, Jowary has always kept a near proportion to the average of " the rest."

56. Mr. Bayley's reasons are to a certain extent true of Jonna generally, without making any distinction regarding the species, but most certainly it is not correct regarding Yellow Jonna in particular, for it will be seen from the above Statement, that the white species is more extensively cultivated in every taluk, and on the whole the extent of its cultivation is more than twice that of the Yellow. I find that in the past Jamabundi Reports the prices of both the kinds have been given until the last three years when the distinction has been dropt. On examining, however, the detail accounts in the Collector's Office, I see that prices given

* Throughout this report the word "Paddy" will be used to signify generally "White Paddy," or any of the irrigated species of the cereal. "Black Paddy," which is the usual name of the unirrigated species, is so little grown in this District that it need not be alluded to.

for "Jonna" for Faslis 1270 and 1271 are for "White Jonna," so that I think that there can be no doubt about the propriety of taking the most abundant species as the standard for our calculations.

57. Korra and Araga, although the extent of their cultivation on the whole District is very much more limited than that of Jonna, are the crops usually grown on "Lal" or red soil. Major Drury in his "Useful plants of India" (page 338) describes Korra as "requiring a dry light soil," but he does not mention the kindred plant Araga. I propose, however, to take the latter as the standard for our calculations for Classes VI., VII. and VIII. as it is more exclusively cultivated on the red soils than Korra, and hence will be, a fairer standard. On the whole, the extent of Korra is rather the greater, but the general profits from the two crops are much the same, so that it is not of much consequence which we take. The cultivation of Cotton, as given in the Statement, bears an appreciable proportion as compared with the rest of the cultivation, and also of late years this crop, owing to the demand for Cotton at Home, has greatly increased, but Cotton is (so to speak) a special product, and it would be hard to take it in any way as the standard by which we should calculate the general assessment of the District.

GRAIN VALUES.—58. Having settled the standard crops, the next point is to determine the grain value of each on the different classes and sorts of soil according to our Classification table.

59. I was directed to give my attention to this subject a year ago, and on my visit to this District in March last year, I forwarded you a table of grain values. These grain values met with your approval, and they are the same as are contained in the following table with a very trifling modification which you will notice. The table, above alluded to, contained grain values for Jonna and Paddy only. As I have taken "Araga" as the standard for "Lal" or red soils the values of this grain are now added.

Table of Grain values.

Description of Soil.		Jonna.		Araga.	Paddy.
Class.	Sort.	1st Class of villages.	2nd Class of villages.		
		M. M.	M. M.	M. M.	M. M.
* II	Superior improved land.....	480	440	...	1,200
III	Regada.....	360	320	...	1,000
	1. Superior.....	280	240	...	800
	2. Ordinary.....	200	180	...	600
IV	Mixed Regada or Masab...	120	120	...	400
	1. Superior.....	280	240	...	1,100
	2. Ordinary.....	200	180	...	900
V	Sandy or Gravelly Masab.	120	120	...	600
	1. Superior.....	200	180	...	800
	2. Ordinary.....	120	120	...	600
VI	Clay Lal.....	80	80	...	400
	1. Superior.....	...	...	320	800
	2. Inferior.....	...	...	240	600
VII	Mixed Lal.....	...	...	240	600
	1. Superior.....	...	...	160	450
VIII	Sandy or Gravelly Lal.....	...	...	160	450
	2. Inferior.....	...	...	80	300

* Alluvial soils are placed under Class I. None occur in Kurnool—Vide paragraph 49.

60. In Appendix O. 1, I give a Statement showing, in juxtaposition, the grain values I propose, and those derived from various different sources, such as experiments of produce made by the Revenue authorities and our Department. Mr. Bayley's proposed Grain values, &c.

—This Statement is not very full owing to a lack of information under this head, but it is given so that my grain values may be compared with the best resources forthcoming.

61. With regard to the grain values for Paddy, we are in an anomalous position. The existing Paddy cultivation is limited, and hence the produce commands a good price. It is under tanks, springs, &c., and is carried on in a few choice spots. We have in our present settlement to prepare for a large extension of wet cultivation, which moreover will be under a different source of irrigation and over all kinds of soils. We are therefore met by a difficulty in the very outset of our proceedings in calculating the value of irrigated crops. The experiments made by our Department have not been very numerous, but the Collector is of opinion that the Statements of produce contained in Mr. Bayley's printed report on his proposed settlement of Kurnool, are quite as correct as would be the results of any further experiments, and in this the Board of Revenue agree with him. It will be noticed that Mr. Bayley's estimates have been, to a great extent, my guide in the grain values that I now propose. I believe that I shall be able to show by the rates that result from them that they are very moderate.

COMMUTATION PRICES.—62. The next process is to determine the price at which we shall commute the produce of each crop into money.

63. Mr. Bayley assumes 50 measures per Rupee as the commutation price for dry grain, that is, for Yellow Jonna, and 35 measures per Rupee for Paddy.

64. I observe that Mr. Bayley adopts the Asiatic mode of expressing the price, that is to say, he makes the Rupee the unvarying standard, but I shall adhere to the European mode of taking a measure as the standard, as has been done in all the Settlement Reports of our Department hitherto, and I shall give the price *per garce* in Rupees. Mr. Bayley's measures are Madras measures containing 100 cubic inches struck. When I mention the word "measure" I mean the same. A garce contains 3,200 Madras measures.

65. In my report on the Masulipatam portion of the Kistna District, in calculating the average price of grain for past years, I struck out, according to Mr. Newill's instructions, all years in which the prices exceeded 150 Rupees per garce in Jonna, and 120 Rupees in Paddy, considering them as famine or exceptional years. In attempting, however, to do the same in this District, I obtained such unsatisfactory results that I have been obliged to abandon any such design. For instance, in taking the above prices as maxima, and striking out all years when the prices are above those amounts, I obtained the absurd conclusion that the last four years in Jonna, and the last ten (excepting Fasli 1266) in Paddy, have been famine years. Such of course has not been the case, for the increase in the price of late years has been owing to a very different cause from failure in the crops. I have therefore drawn my averages from the Price lists unmutated. These Price lists are contained in Appendix P. I may as well mention here once for all that although I have given the prices both for the whole year and for the Ryots' selling months, the averages of the latter have been my guide in my calculations. As White Jonna is cut in March, Araga in October, and Paddy in January, I have taken April and May, November and December, and February and March, as the Ryots' selling months of those grains respectively.

66. According to the European mode of expressing the price, 64 Rupees per garce is Mr. Bayley's commutation price for Jonna. Mr. Bayley appears to have got the prices as they existed at that time (the middle of 1842), and compared them with those of Bellary and Cuddapah. The result was an average price of about 83 Rupees per garce (38½ measures per Rupee), but for reasons which he states (Vide paragraphs 74 to 77 of his Report) he believed that average too high and took 64 Rupees per garce as his standard. Taking an average of the prices of the Ryots' selling months for the first four Faslis since the assumption of the country according to the accounts, as we now have them and which it appears were not in Mr. Bayley's possession, the result is 63 Rupees, and for the whole year 64 Rupees, which shows how accurately Mr. Bayley hit upon the correct amount. But Mr. Bayley notices in paragraph 74 of his report, that the grain in his days was very cheap, and from an examination of the account of the prices, it will be found that the price has never been so low since. The average off the first four

years, as I have already stated, was 63 Rupees, that of the next 20 years is 112 Rupees, and taking the average of all 24 years, it is 107 Rupees. I propose therefore to take 105 Rupees as the commutation price for Jonna.

67. The average price of Araga for the last 24 years is 63 Rupees. I shall not be far wrong then, I hope, if I assume 60 Rupees as our standard. This crop was not considered by Mr. Bayley a staple crop.

68. Mr. Bayley's commutation price for Paddy was about 91½ Rupees per garce (35 measures per Rupee). What kind of Paddy he took does not appear, but it devolves on us to decide what sort we shall take. In the price lists I find three kinds entered but described simply as "superior," "ordinary," and "inferior." The last we may assume to be the grain usually raised as a second crop, and as the subject of taxing the second crop will be treated of separately, we may omit the price of the "inferior" paddy from our calculations. I propose then to take the average price of the other two sorts, which, for all the Faslis that we can obtain the prices, is 112½ Rupees. This too is an increase since Mr. Bayley's days, but there is no doubt that whatever fluctuations may occur, the price of paddy, and indeed of any of the other grains, will never return to the low prices of twenty years ago, and I am dealing most moderately in taking the average of the past twenty-four years, instead of the present prices. The amount that I propose to adopt as the commutation price of paddy is 110 Rupees.

69. A question here arises whether we should take into account in any way the influence of the Irrigation and Canal Company's operations on the prices of the District generally. I think not. It is most difficult to calculate that influence, and rather dangerous to speculate on future contingencies. My own opinion is, that although the present prices will go down, they will never fall below the average we have taken. It is true that there will be a change in the proportion of the crops that will be grown in future, and that the cultivation of Jonna will decrease, and it and other dry grains will give way to Paddy. But then it is probable that the demand for the grains will change in proportion and many of the people will leave off eating Jonna and take to eating rice, whilst the surplus produce of rice, for no doubt that an acre cultivated with Paddy will feed more people than an acre cultivated with Jonna, and hence with the spread of irrigated cultivation, will arise a larger supply of food, and this surplus, I think, will find its way down the canal, and the export trade will keep the prices from falling very low in spite of the increased supply grown. However, be this as it may, it appears to me to be better not to speculate with theories, but to take the average prices of past years as far as they are attainable as our standard although there has been a steady increase of late years.

70. MARKETS, ROADS, CANALS, &c.—It is far more practical to consider whether we ought not to take different commutation prices for different parts of the District, where the prices may vary from any such causes as proximity to markets or to communications by land or water or the absence of such advantages. Mr. Bayley in the 92nd and 93rd paragraphs of his report makes the following very appropriate remarks on this head:—

71. "In England, we know that to rent land with reference merely to what it produces would be utterly erroneous, since the proximity to, or distance from roads, railways, markets, large towns, canals, harbours, &c., will alter the original (if it may be so called) value, several hundred per cent.

72. "But this is not the case to any extent in this part of India at present. Proximity to roads is of no great consequence when the roads themselves are such as they are now, and there is seldom more than one town in each District of such importance as to render the general value of land near it greater."

73. These remarks, though penned 20 years ago are equally applicable now. The roads are of course improved since Mr. Bayley's days, but still they are in my opinion not such as would justify a departure from the normal rates of the District on account of proximity to them. There is only one town in the District which has a market worth naming, and that is Kurnool itself.

But its influence is comparatively limited, and in a large scheme like the present, I feel very disinclined to propose a small local deviation from the general rates. To raise the assessment to the next higher rate would, in my opinion, be too much even for the lands adjoining the town, and any other proposal would be only increasing the number of the rates for a very small object. Mr. Bayley does not exactly propose that the influence of the Kurnool market should be taken into consideration in fixing the assessment, much less does he propose any definite method by which that influence might be calculated, but in a foot note he simply states that, "it will be a subsequent point for consideration whether the land in the villages near the town of Kurnool should not have an increased rate."

74. So also there is a magnificent canal "in prospectu" which will open up a ready and cheap mode of transit to Madras, but, for the same reasons as I have given above in the case of the Kurnool market, I do not think it advisable to make different grades in the assessment on its account. Mr. Newill also has not agreed with you in your proposal of making grades on account of proximity to canals in the Godavery delta, but he founded his objections on somewhat different grounds to what I have put forward. One objection, however, which he used is of more force in this District than in the Godavery. I allude to the arrangement that would be necessary in consequence of the present progressive state of the hydraulic works. It would be necessary to make a scale of deductions on account of imperfect canals and the circumstances of each village would be liable to alter each year, and it would be impossible for us to make our settlement once for all. As Mr. Newill states, "this unsettled state of things would be injurious and leave openings for fraud."

75. Independently however of the difficulty of making satisfactory arrangements in our settlement for the difference of the value of land on account of proximity to markets, roads, canals, &c., there appears to me to be a wider and more important objection. Our settlement is a *land* settlement. But if we take into consideration the value of produce when exported by a certain canal or to a certain market, it partakes strongly of the nature of an impost or toll on the export of the produce. Considering then the difficulties of taking the price of grain in every village and the complications it would cause in our accounts, I have taken one general commutation price for the whole District. But I have been careful to be most moderate in the amount that I have taken, and I have endeavoured, as far as possible, to take the Ryots' selling price. My proposed rates will, therefore, be an assessment made in proportion to the intrinsic value of the produce, and any increase on this on account of proximity to markets or canals will, in my opinion, be a downright discouragement to trade and a check to a Ryot's enterprise. Besides this, the Irrigation and Canal Company will probably fix tolls for the transit of goods, and thus, if we take the advantages of proximity to the canal in consideration, it will be adding impost upon impost and will most effectually dishearten a commerce as yet unbegun. I propose, therefore, to leave such advantages out of our consideration altogether.

CULTIVATION EXPENSES.—76. In Appendices Q. 1 and 2, I give detail accounts showing how I calculate the cultivation expenses. In their Proceedings of 17th of October last, No. 6,927, paragraph 34, the Board of Revenue bring forward very forcibly the following objection against our system of calculating the cultivation expenses:—"They note one fact which is opposed to all experience, viz., that the cost of cultivation is shown to be highest in the best classes of soil, and falls as the quantity (quality) of the soil recedes from that point; whereas all experience goes to show that the poorer the soil, the greater the expense for seed and labour, and in many cases the greater the wear and tear of implements to produce an average crop." I have not however as yet received any instructions to alter our system of calculating the cultivation expenses and therefore I have made no changes in this present report. I would however notice that as far as my experience goes, it appears to me that to produce the same out-turn on bad soil as on good, it would be necessary of course to cultivate the bad soil more highly, that is, more expensively, but since we take our calculations of the out-turn of the different soils to be greater or less according to the superiority or inferiority of their productive powers, there seems to be no necessity for increasing the cultivation

expenses on the poorer soils, but on the contrary in some items, we may decrease them. In estimating the different items in my present accounts, I have not entered them according to my own judgment only, but according to our standing rules, Panchayets of Ryots have been assembled at different parts of the District, and I have endeavoured to arrive at the truth by obtaining their opinions on the matter. As might be expected, all the Panchayets do not agree concerning many particulars, and I have been obliged to exercise my own judgment in reconciling their different statements, but all agree that the expense for poorer soils, the Red soil for instance, is less than that for good soil, such as the Regada or black Cotton. In making my calculations therefore for the stiff Clay soil (Class III), I have supposed a finer and stronger pair of bullocks necessary than for Masab, and I have accordingly entered the price for a pair of bullocks at a smaller amount under Masab, and still smaller under the Red soil. There are also several other minor items, such as that under the head of labor in reaping, threshing, &c., in which I have diminished the price in proportion to the amount of the out-turn of produce. On the other hand, I have supposed the wear and tear of the implements to be greater in the Red soils which are usually strong and gravelly. There are certain other items which I have entered, but about the propriety of the step I am doubtful. I have included certain charges for manuring the ground, and feeding the cattle with grain during the ploughing season. I am aware that the Ryots are not far wrong in stating that it has grown into almost a universal custom of late years to manure the superior lands in this District, and to feed their cattle with gram, cotton seeds, &c. But the out-turn of produce that I have given for the different soils are the grain values of the land in the ordinary state of culture, and not that which it would give when improved by the Ryots' industry, and the question is whether in the highest classes, land moderately manured may not be considered in an ordinary state of culture, when the habit of manuring to a certain extent is rather prevalent, more especially as many of the experiments of produce have probably been made on fields to some degree artificially improved. At all events, I have decided the question in favor of the Ryot, by adding these two items of manuring and feeding his cattle with grain during the ploughing season, to his cultivating expenses, and thus decreasing the demand against him, as I am anxious that the rates I propose should be considered as moderate as possible. I have, however, noticed the point for your consideration. The value of the straw and the general cost of feeding the cattle have been set off against each other, and do not appear in the accounts.

DEDUCTIONS FOR AGRICULTURAL RISKS.—77. As in the upland taluks of the Kistna District, I have made a deduction of one-fourth from the gross value to allow for agricultural risks such as blight, drought, excessive rain, &c., and also for ridges in the fields too small to be deducted in the survey areas.

ROAD FUND AND FEES TO VILLAGE SERVANTS.—78. In accordance with the orders of Government I have added 1.92 per cent or 4 Pies in the Rupee for the Road Fund, and 6½ per cent or 1 Anna in the Rupee for Fees to village servants to our demand against the Ryot, and the rates that I propose include these two items.

MONEY RATES.—79. The preceding points are all the settlement processes that are required to enable us to calculate the money rates. These calculations are given in detail in Appendices R 1, 2 and 3 and they are as follow. To each Class and Sort of soil, as entered in our Classification Table, I have applied the grain values of the standard crops that I have proposed to take, according to the amounts given in paragraph 59 of the report. These grain values represent the out-turn per acre. I have converted them into money at the commutation prices that I have already discussed. From this gross value, I have deducted one-fourth for agricultural risks, for the reasons I have already stated, and the cultivation expenses. This gives us the net value per acre. According to the fixed principles of our settlement, the rate per acre of the assessment should be half of this amount. Half the net values therefore are given, and for the sake of comparison 30 per cent of the gross is entered also. These two amounts are generally supposed to be equal. They are nearly so in the better soils, but in the inferior soils, half the net value is less than 30 per cent of the gross, as the cultivation expenses are much

greater in proportion to the out-turn. To half the net value, as thus found, I have added 8·17 per cent as I have explained above (paragraph 78) for the Road Fund and Fees to village servants. The results thus obtained should be our money rates, but to avoid small fractions of a Rupee, I have taken the next lower quarter Rupee except at the very bottom of our scale (V iii and VIII ii) when the rate is a quarter of a Rupee. The money rates thus formed are as follow :—

Series.	Class.	Sort.	Dry.				Wet.	Water rate formed by deducting dry rates from the wet.					
			1st class of villages.		2nd class of villages.			1st class of villages.		2nd class of villages.			
			RS. 3	A. 8	RS. 3	A. 0		RS. 8	A. 0	RS. 4	A. 8	RS. 5	A. 0
Garden.	II	i											
Black Cotton.	III	i	2	8	2	0	6	8	4	0	4	8	
		ii	1	8	1	4	5	8	4	0	4	4	
		iii	1	0	0	12	4	8	3	8	3	12	
		iv	0	8	0	8	3	0	2	8	2	8	
	IV	i	1	8	1	4	7	0	5	8	5	12	
		ii	1	0	0	12	6	0	5	0	5	4	
		iii	0	8	0	8	5	0	4	8	4	8	
	V	i	1	0	0	12	6	0	5	0	5	4	
		ii	0	8	0	8	4	8	4	0	4	0	
		iii	0	4	0	4	3	0	2	12	2	12	
	Red.	VI	i	1	0	1	0	6	0	5	0	5	0
			ii	0	12	0	12	4	8	3	12	3	12
VII		i	0	12	0	12	4	8	3	12	3	12	
		ii	0	8	0	8	3	8	3	0	3	0	
VIII		i	0	8	0	8	3	8	3	0	3	0	
		ii	0	4	0	4	2	8	2	4	2	4	

80. I should however here mention that the dry rates 3½ and 3 Rupees, for II i are merely nominal, as all the land under that class of soil is cultivated with garden crops, which are irrigated in this District. They are given merely to show how much may be considered as the charge for water which will be credited to the Irrigation Company when the land is watered from their canal. Merging similar values together and omitting the technicalities of our Classification Table and the two nominal rates above mentioned, we have eight dry rates and ten wet rates, as noted below :—

No.	Dry.		Wet.	
	RS.	A.	RS.	A.
1	2	8	8	0
2	2	0	7	0
3	1	8	6	8
4	1	4	6	0
5	1	0	5	8
6	0	12	5	0
7	0	8	4	8
8	0	4	3	8
9	0	0	3	0
10	0	0	2	8

81. The best and most practical test of the suitableness of my proposed rates is their financial result, both as regards the incidence of the assessment and the general amount produced by

* Vide Table of rates that accompanied Officiating Director's Proceedings dated 10th January 1863, No. 35-8.

their applications. I will, however, briefly compare them with those already proposed for the Masulipatam* portion of the Kistna District, which is the nearest District to this that has come under our operations. Let us then first take the dry rates. Those that I propose for the 1st class of villages here are nearly equal to those of the 2nd class in the Kistna District, which compose the greater part of the Delta taluks, and the 2nd class rates in this District are nearly equal to the upland rates of Masulipatam which, taking a general view of the soils of the two Districts, we might expect to be the case. The only difference is that the rate for the best Regada in the 1st class Kurnool villages is 8 Annas more than in the 2nd class villages in the Kistna District, while the few last rates are lower. This difference, I think, I am able fully to defend. By Mr. Newill allowing me to add an extra sort to the clay Regada class (III), I have been able to put less under the very best sort, and hence the land that has fallen under this sort, is, for the most part, land that has hitherto paid the exorbitant rates so often mentioned as existing in the District and the 2½ Rupees rate that I propose, instead of being too high will be hailed as a welcome relief. In the lower classes of land, on the contrary, there will be, on the whole, an increase in the assessment, and much land will fall under these classes which has been hitherto held on almost nominal rates. My desire therefore has been to make these rates as moderate as possible. In the 2nd class villages, the rates are the same as in the corresponding villages in Masulipatam, except that the two highest in the Regada are a quarter of a Rupee higher, which, I believe for similar reasons to those that I have given for the 1st class villages, they will easily bear.

82. It is difficult to compare the wet rates here with those proposed for Masulipatam, as the Government have ordered consolidated wet rates for this District, while those in Masulipatam were formed by a water rate of 3 Rupees added to the dry rates. But if we compare my rates for this District with the consolidated wet rates proposed by you in your letter to the Board of Revenue dated 24th September 1862, No. 1,254-72, we shall find that they are about equal to those you have entered for the 1st class villages instead of the 2nd. It must, however, be remembered that wet cultivation in this District is, and probably will continue to be, more valuable than on the coast, as shown by the prices. The reduction on the present rates will be great, as I will show hereafter, and while taking care that we do not over-tax the cultivator, we must also under the circumstances of this District, see that we do not under-rate the claims of the Irrigation Company.

PROPOSED ABOLITION OF CLASS II. *Artificially improved soils.*—83. Before leaving this subject, however, there is a proposition that I wish to make, which is a deviation from the course that we have hitherto followed in our settlement. The Board of Revenue, when reviewing our proposals for the Masulipatam portion of the Kistna District, in their Proceedings of the 17th October 1862, No. 6,927, make the following remarks :—“ The Board must, however, observe on “ this point that to fix the assessment, with reference to a special product instead of on the ordinary “ staple product of the District, is opposed to the whole principle of the settlement, and that although “ in individual cases the course may be justified by peculiar circumstances, and may not result in “ over-assessment, the tendency of it undoubtedly is to tax unequally the industry of the cultivator, “ or the enterprise of the land-lord. This tendency needs to be carefully guarded against, and no “ where more so than in the case of the “ permanently improved” class of lands, with regard to which “ the Board have noticed, on more than one occasion, a disposition, on the part of the Settlement “ Officers when applying the rates, to include on the so-called exceptional class lands, which “ properly were liable to a much lower rate of assessment. It should ever be borne in mind that “ special products generally are evidence of high farming and argue the necessity of a change of “ crops, while to base the assessment on the value of the exceptional crop, is to preclude the possi- “ bility of such change without almost certain loss to the cultivator.”

84. From the above remarks, it is evident that the Board disapprove of taxing “ permanently improved lands” at a higher rate on account of their increased fertility from artificial means which

must be applied by the labor and at the expense of the cultivator. The Board have not stated the case quite accurately in saying that we have fixed the assessment on these lands with reference to special products. We have taken, as in other lands, the staple product, but we have assumed a special out-turn which would not be yielded by the ordinary lands. The principle however is the same, as we have increased our demand on those lands, not on account of any naturally inherent fertility, but on account of improvement made by the cultivator. I propose therefore that Class II be abolished, and that the land be placed under the best sort of that class of land under which it would naturally come, if we did not take into consideration artificial improvements.

85. I must, however, mention that independently of my present proposition, I have given particular attention to the classification of the lands that have come under Class II and I have taken care, as far as possible, that none but those that can really bear the assessment given in my Table of Rates have been so classified. I have given strict orders to the classifiers that they were to banish from their minds all their pre-conceived notions about garden lands, and that the fields are not to be put under Class II only because crops, usually known as garden crops, are grown on them, or because they are entered as "Bagayat" in the present Revenue accounts, or because they are situated near the village site or favorably near a tank or well, but that they were to examine the soil carefully, and if, independent of any or all of the reasons above given, they found it to be really "permanently improved," and decidedly superior to the ordinary run of land, then only they were to place it under this exceptional class of soil. That this has been done may be inferred from the fact that in the present accounts, 3,862 acres are entered as "Bagayat," while our classification accounts show that only 3,100 acres of that land* come under Class II. The average assessment also of the present "Bagayat" land is Rupees 8-1-11, and our average assessment of land Class II, is Rupees 8 without another deduction which I shall hereafter propose when water is raised by artificial contrivances. Therefore, although I have only placed the best of the "Bagayat" lands under Class II, nevertheless the proposed average assessment of the selected portion is less than the old average. It is not, therefore, that I am afraid of over-assessment that I make the present proposal, but it appears to me to be a sound principle, and one that has already received the sanction of authority, that the industry of the cultivator should not be taxed.

86. If then my proposal for the abolition of Class II should be sanctioned, I have ascertained that the 3,401 acres under that class will be changed into 2,055 acres under III. i, and 1,346 acres under IV. i, and the financial result will be a reduction of Rupees 4,428-8-0. I shall not prepare my general financial results of this settlement in accordance with this proposal as it is a deviation from what we have usually done, but if the proposal be approved, the amount above given will have to be deducted from the sums that I have given as the result of the new settlement rates. I must also notice that as 2,854 acres of this exceptional class of soil are watered by artificial appliances, they will be benefited by another proposal for a reduction in the rates under such circumstances which I will touch upon after comparing my rates with Mr. Bayley's.

Vide Appendix S.

A COMPARISON OF MR. BAYLEY'S RATES WITH THOSE NOW PROPOSED.—87. Mr. Bayley's report has generally been looked upon as an able and elaborate scheme for the settlement of this District, and as it was set aside only that the District might be taken up in the present general settlement on a uniform plan with the other Districts of the Presidency, I think that it will be as well to compare my proposals with those suggested by so acknowledged an authority and to point out clearly in what points the two schemes differ.

* The whole area entered in our classification accounts under Class II is 3,401 acres, but 301 acres of this are entered in the present Revenue accounts as "Wet." The reason for it not being entered as "Bagayat" is not apparent, but it is probable that it has been converted into gardens of late years, and the change has not been entered in the Revenue accounts, although the assessment is just as high as the "Bagayat" lands, and the nature of the soil the same. The extent of land that should be entered as "Bagayat" instead of "Wet" is not known, and therefore I make my comparison on the extent that is entered as "Bagayat," which is known.

First with regard to the Dry Rates.—88. Mr. Bayley has divided the soils into 16 different sorts, while we have in this District 17, as will be seen in the table at paragraph 79. He then starts in his settlement processes, as we do, by taking certain grain values for each different kind of soil. I have already noticed the amounts of the grain values under that head of my Report, and I will only here remark that the amounts that he takes, and that we propose for a full crop are very nearly the same. Mr. Bayley, however, draws out his calculations on an average crop under common tillage which he considers to be three-fourths of a full crop on Regada and best Massab land, three-fifths, on other Massab, and half on Lal (Vide paragraph 56 of his Report.) We have a somewhat, similar process. We make a deduction of one-fourth for agricultural risks (Vide paragraph 77 of this report.) Mr. Bayley then takes 64 Rupees per garce as his commutation price, while I take 105 Rupees. He then takes half the gross value of the produce, as the Government demand, while according to my instructions, I take half of the net value, which on an average is somewhat less than 30 per cent. of the gross. The general result is that Mr. Bayley's primary Teerwah, as he calls it, and the 1st Class rates, I propose, are very nearly the same except in the first few of the higher sorts of soil, where my rates are rather lower. My 2nd Class rates are altogether lower. Mr. Bayley, however, goes on to propose an increase in his primary Teerwah according to different grades of distances from the village by which plan he increases his highest rate from 4 Rupees to 7 Rupees, and, as will be seen in the Statement given at page 26 of his report, he multiplies the number of his rates, and makes them about 74 in a village, and talks, in paragraph 99, of a future addition to the number by a diminution in the Teerwahs on certain lands. Setting aside this plan of increasing the assessment, I think that there is no doubt of the liberality of Mr. Bayley's rates and a fortiori of mine.

89. I may here remark in passing that the subject of placing the lands under different grades on account of their distance from the village site was discussed in paragraphs 151 to 154 of my Report on the Masulipatam portion of the Kistna District. I there strongly advocated that no such arrangement should be made, and my views were supported by Mr. Newill, and no objection was raised by the Board of Revenue. It will not be necessary, therefore, for me to allude further to the subject here.

Next as regards Wet Rates.—90. Mr. Bayley adopted a different system in proposing an assessment for irrigated lands to what he did for dry lands. He starts with pretty much the same grain values as we do, but, considering them as the amount of the full crop in a good season and well manured, he makes two-thirds of the full crop to represent the out-turn of an unmanured field, and three-fourths of that an average crop, or, in other words, he considers "the assessment for an average crop under common tillage would be (three-fourths of two-thirds or) half a full crop in a good season on manured land." We only make a deduction of one-fourth as in the case of dry land for agricultural risks. In the commutation price we take rather a larger amount, and when we come to the last process, Mr. Bayley again takes 50 per cent. of the value of the gross produce while we take half of the net. The general result is that Mr. Bayley has eight primary Teerwahs from Rupees 10 to 2, while we have nine rates from 8 Rupees to 2½. Mr. Bayley, however, evidently thought that the District could bear still higher rates, and by, increasing the "primary Teerwah" for proximity to the village site, brings his highest rate up to 15 Rupees.

91. From the above remarks it will be seen that although Mr. Bayley takes 50 per cent. of the gross produce as the Government share, while we take somewhat less than 30, yet in some other items he has been more liberal than we are, and on the whole (if we set aside his scheme for gradations according to proximity to the village site) our rates are pretty nearly the same, except that my rates in the higher lands are rather more moderate, and this at a time when the price is much higher than Mr. Bayley ever anticipated, and without any immediate prospect of a decrease.

92. Mr. Bayley's authority therefore so far as it goes, tends entirely to support my present proposals, and shows them to be moderate. If my suggestion to do away with the distinction of "garden land" is adopted, the 8 Rupees rate will disappear, leaving 7 Rupees in the wet, and 2½ Rupees

in the dry as my highest rates, the former being less than three-fourths of Mr. Bayley's highest wet primary Teerwah (10 Rupees) and less than half of his highest rate (15 Rupees), if his gradations according to the proximity to the villages are taken into consideration. In dry rates the proportionate difference is still greater.

EXCEPTION IN THE WET RATES IN FAVOUR OF CULTIVATION BY ARTIFICIAL APPLIANCES.—93.

The only exception that I would propose in the normal rates of the District, is in favor of wet cultivation carried on by artificial appliances such as "Kapilas."* The distinction of garden lands under wells will under the new settlement entirely disappear. If lands are watered from private wells, or any other source made at the owner's own expense, the land will be charged with dry assessment only, but if watered from a supply furnished at Government cost or belonging to Government from time immemorial, with wet assessment. In the latter case only, if the owner has to go to the trouble and expense of raising the water by artificial contrivances, I propose a modification in the usual wet rates.

94. As in the case of wet rates generally, so also in this case, my own private opinion is in favor of a water rate added to the dry assessment. But with regard to the wet rates generally, the Government have ordered consolidated rates, but no express orders have been given regarding wet cultivation by artificial appliances, and I would propose on the consideration that such cultivation is carried on in detached patches over the country, that a water rate be applied as the simplest plan of assessing such land.

95. If a water rate be applied, I propose that the amount shall be 3 Rupees an acre. Both in the Godavery and Kistna Districts, three-fourths of the normal water rate has been applied to land irrigated by water artificially raised, and if 4 Rupees be considered as equivalent to the normal water rate of this District, as I will presently show when treating of the share of the wet assessment which will fall to the Irrigation Company, 3 Rupees will be the amount of the reduced water rate on lands watered by "Kapilas."

96. If on the other hand the Government shall still be of opinion that all wet lands of every kind shall have a consolidated assessment, I propose that 1 Rupee be deducted from the normal wet rates that I have already proposed, and that the rates so reduced be applied to artificially watered land.

97. The financial result of this proposal is as follows:—There are 3,787 acres in this District watered by artificial means. If the full wet assessment is charged on them, it will amount to Rupees 28,492-8-0. If my first proposal be accepted and we charge the land with a dry rate, and a water rate of 3 Rupees, the result will be Rupees 22,508, or a reduction of Rupees 5,984-8-0; but if the second proposal of deducting a Rupee per acre from the normal rates be adopted, the amount will be Rupees 24,705-8-0, or a loss of Rupees 3,787. The second amount will be entered in my general financial results, and if no deduction at all is allowed, Rupees 5,984-8-0 must be added to those results, but if a reduction of a Rupee per acre is accepted, Rupees 3,787 must be added.

SURVEY AREAS.—98. Before entering upon the subject of the financial results, I must first notice that my calculations are made on the areas according to the present Revenue accounts, and as it is probable that they are not accurate, it will be as well to consider what change we may expect from the accurate areas of the professional survey. The circumstances of this District are exceptional, and according to the Government orders, I submit my report without waiting for the true areas, but as they will have an important influence on the financial results, it will be as well to see what that effect probably will be.

99. I have already noticed that a rough survey was carried out in this District on the model devised by Sir Thomas Munro, in Faslis 1251, 1252 and 1253. Its method and result are thus described by Mr. Bayley at the conclusion of his Report:—"The measurers (they cannot be

* The well known contrivance of raising water from a well by means of a leather bucket drawn by bullocks running down an incline

"called Surveyors) run their chain along the boundaries of the field, which generally is a four-sided one, or if not it is considered so, and compute the contents as rectangular figures, generally from measurement of two sides only, so there is double error. The former being constant 'in excess' though in some degree compensated by a general inclination to enter the amount of a field rather below what they believe it to be. I have been careful to survey some fields myself wherever I went by a more rigid method, and this has put all the measurers on their guard, for I invariably fined them when the error was above 10 per cent. and dismissed them if it occurred often. I believe that there is not above 10 per cent. error in any one field, or above 5 per cent. in the cultivable land of any one village."

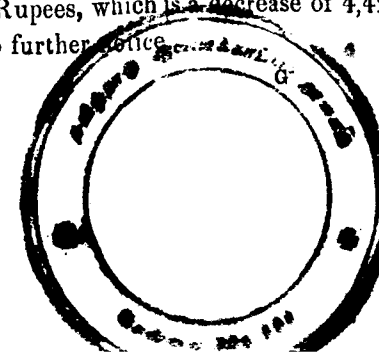
100. I have, however, received from the Survey the areas of 23 villages in the Ramalakota taluk and two in Nundikotkur. As far as I can judge, they are average villages, and there is no circumstance to lead me to think that the amount of error found in them is exceptional. But the increase in the occupied Government Inam land in them is 10.145 per cent., as will be seen from Appendix T, which is larger than what Mr. Bayley anticipated. In the villages which border on the Nallamallas, the increase will be much greater, as pointed out by Mr. Minchin in his letter to the Board of Revenue dated 8th August 1860, No. 129, in consequence of "the great amount of jungle and almost conjecturally in the waste land since reclaimed, which was entered in the 'original survey.'" On the whole, therefore, I think that we may safely take 11 per cent. as the increase that will be discovered by the survey, and make our calculations on those data. I will give my financial results both on the present Revenue areas, and on the areas as increased by the professional survey.

FINANCIAL RESULTS.—101. There is nothing now to prevent my alluding to the financial results of the proposed settlement. I must preface my remarks under this head by pointing out the different way in which my proposals will affect the dry and wet assessment. There are no particular changes in the circumstances of the dry assessment, and as I have endeavoured to show in my account of the Revenue history, I believe that the present assessment is not, on the whole, too heavy, and that there is no necessity for an increase or decrease. The wet lands on the contrary, and the garden lands which are included under that head, are now paying very high and exceptional rates in some places, and although they can afford to pay such rates when the wet cultivation is so very limited as to make the produce very valuable, they cannot do so when the wet cultivation becomes more extended. The Government must, therefore, be prepared to forego these high rates in a scheme like the present, when the settlement is prepared for a general spread of irrigation for which there is a definite and immediate prospect. I will therefore exhibit the financial results under these two heads quite separately.

Vide Appendices U and W.

102. The total dry assessment then according to my proposed rates applied to the occupied area of Government land in Fasli 1270, on the present Revenue areas is 5,85,479 Rupees, which increased 11 per cent. on account of the expected increase in survey areas, is 6,49,887 Rupees. The old assessment on the same area is 6,01,208 Rupees. This gives an increase of 48,674 Rupees, which is about 8.09 per cent.

103. This increase, however, is thus accounted for. In my rates, I have included 1.92 per cent. for Road Fund, and 6½ for Fees to village servants, or 8.17 per cent. on the whole. This, however, is not quite a new demand. Kurnool paid in Fasli 1269 "Russums," or village Fees to the amount of 16,692 Rupees. It is proposed by Legislative enactment to increase this amount to 8.17 per cent., and for this I am directed to prepare. I have done so therefore, and this increase is chiefly due to this cause. If then we strike 8.17 per cent., which will go to those Funds and not to Government, off the amount of the financial result according to our rates, the amount will be reduced to 5,96,787 Rupees, which is a decrease of 4,421 Rupees, or .73 per cent., a decrease so small that it deserves no further notice.



Vide Appendices V and W.

104. In the wet assessment, we shall find that the application of my proposed rates on the occupied area of Government land in Fasli 1270 gives a result of 77,984 Rupees. It is probable so great an increase will not be found in the irrigated area as in the unirrigated, for the cultivation being so much more valuable, it has been more carefully looked after, and the lands have more or less been measured every year. I think, therefore, that all that we have to allow for is the irregular system of measurement mentioned by Mr. Bayley which I have already noticed, and if we take his estimate of 5 per cent., it will be ample. Increasing then the area to that extent, our assessment on it will be 81,883 Rupees, of which 8.17 per cent., or 6,690 Rupees will have to be credited to the Road and village Fee Funds, leaving 75,193 Rupees as the Government assessment. The old assessment is 86,891 Rupees so that our financial result exhibits a decrease of 11,698 Rupees, or 13.46 per cent. The Government will be prepared for this sacrifice for the reasons I have already stated, but any further decrease I believe to be unnecessary.

105. When we look also at the incidence of the assessment, I believe that the result is equally satisfactory. Taking a general view of the District, the portion of the Nundial taluk, lying to the east of the Erramalla hills is the richest portion. Sirwel taluk comes next, and is not much inferior. It contains a greater quantity of "Masab" or mixed Regada in proportion. Nundikotkur taluk ranks next, and the Ramalakota is decidedly the poorest taluk of this portion of the District. If we look then at the average dry rates of our assessment, we shall find the average rate on the first class villages of Nundial, which is the portion that I have mentioned as lying to the east of the Erramallas, is Rupees 1-5-5. The average dry rate in Sirwel is Rupees 1-3-6, and that in the whole of Nundial is exactly the same. In Nundikotkur, it is Rupees 1-1-3, and in the first class villages of Ramalakota, which is a small selected group of superior villages, as compared with the rest of that taluk, Rupees 1-0-8. The average of the whole of Ramalakota taluk is Rupees 0-13-2. If we take only the second class villages in Ramalakota, the average is

Vide Appendices W. 1, 2, 3, 4 and 5.

brought down to Rupees 0-12-3, and in the second class or hilly villages of Nundial, it is Rupees 0-11-10. On the whole of Kurnool Proper the dry average is Rupees 1-0-9 per acre. These averages are struck on the present cultivated area. If we take the average on unoccupied land, we shall find it much lower. This, however, we might expect as the best land, will naturally be taken up first. As far as I can judge, these averages seem pretty fair.

106. Comparing our dry assessment with that at present existing on the present areas, there is a decrease in Nundial, and Ramalakota, and an increase in Nundikotkur and Sirwel, but if we increase the areas 11 per cent., which is the increase we expect from the survey, there is a large increase in each of the taluks of Ramalakota, Nundikotkur and Sirwel, but still a decrease in Nundial. The fact is however, that the greater part of this increase is due to the 8.17 per cent, for the Road and village Fee Funds, which is intended to be added to the present assessment, and that there is a great decrease in Nundial owing to some high rates being knocked off. The largest increase is in Nundikotkur, and is due to a great extent to land of late years reclaimed from jungle being hitherto given on almost nominal assessment. On the introduction of the new settlement, the increased assessment on these lands may, if it is thought proper, be imposed by degrees. The general tendency of our settlement is no doubt a levelling of the rates. This is to be expected where high rates have been abolished, but the general assessment kept up, at its former amount. I have, however, as I have already mentioned (paragraph 81) endeavored to keep the low rates as low as possible, and increased the higher rates in the first class villages; and, on the whole, I believe that the increase has been distributed over so large a quantity of land that it can be borne without pressure.

107. In the wet assessment, this point appears still more prominently. Examining the averages they seem very fair. In Ramalakota it is Rupees 5-12-2, in Nundikotkur Rupees 6-2-9, in Sirwel Rupees 6-7-6, in Nundial Rupees 6-7-7. The taluks have, therefore, been assessed in proportion to their known relative qualities. But when we come to look at the actual result, we

have a great decrease in the richest taluk, Nundial, a smaller decrease in Sirwel, an increase in Nundikotkur, and a greater increase in Ramalakota. If I were to make the rates so that the assessment would come down to that now paid in Ramalakota, there would be an unnecessary loss of Revenue in Nundial, and if, on the other hand, I were to bring up the rates so that there might be no decrease in Nundial, the result would be the ruin of Ramalakota. I might have put the villages of the different taluks into different Classes, but I believe this to be quite unnecessary. The wet lands have been carefully classified according to the quality of the soil, as the averages above given do in some measure indicate, and I believe that the present assessment in Ramalakota and Nundikotkur is too low, while that in Nundial and Sirwel is too high. I have not, however, by any means taken medium rates. On the whole, as I have already shown, there will be a great decrease in the wet assessment, although the extent of the cultivation is small, and if Ramalakota and Nundikotkur have not come in for a share in this decrease, it is only because they have hitherto enjoyed such favorable rates.

108. The total wet average on the present cultivation is Rupees 6-3-8. It must, however, be remembered that the present cultivation is on the best land, and this average will be greatly reduced when wet cultivation becomes more general, for, as I will hereafter show, the average water rate is about 4 Rupees, and the average dry assessment, I have already shown, is Rupees 1-0-9, so that on the whole District the average wet assessment would be about 5 Rupees, which must be considered moderate.

Vide Appendix X for the extent of land under each money rate.

IMPOSITION OF ASSESSMENT.—109. Such then are the financial results of the proposed settlement, and I will now show the effect upon the villages of the District, with a view of getting instructions whether the whole assessment should be imposed at once or gradually.

There is an increase of between 75 & 100 per cent. in 2 villages.

"	"	51 & 75	"	14	"
"	"	26 & 50	"	43	"
"	"	11 & 25	"	53	"
"	"	10 & under	"	62	"
					—
					Total... 174
					—

There is a decrease of between 51 & 75 per cent. in 9 villages.

"	"	26 & 50	"	52	"
"	"	11 & 25	"	80	"
"	"	10 & under	"	55	"
					—
					Total... 196
					—

For further particulars, vide Appendix Y.

Thus it will appear that there is an increase in 174 villages of different degrees, and a decrease in 196. In the latter, there will of course be no difficulty about introducing the settlement; but in the former there may be, and I would request that discretionary power may be given to the Officer introducing the settlement to impose the increase by degrees in successive years, as has been done in the case of the Godavery and Kistna Districts.

THE SHARE OF THE WET ASSESSMENT TO BE CREDITED TO THE IRRIGATION AND CANAL COMPANY.—110. Having now given the result of my proposals for the dry and wet assessment of the District so far as the Government are directly concerned, I turn to the subject of the share that is to be credited to the Madras Irrigation and Canal Company.

111. The Government have declared in paragraph 3 of their Proceedings of the 10th of May 1862, No. 1,036, Revenue Department, that in their opinion "the consolidated Nunjah assess-

“ment, as proposed by the Board of Revenue, would be by far the fairest mode of dealing with the question as between the Company and the Ryots; and that as between the Company and Government the difference between the Nunjah and Punjab assessment should be the measure of the amount credited to the Company.” I sincerely wish to keep within the strict limits of my duty, and not to agitate any question which the Government has once settled. But it appears to me that there is a slight inadvertence in the use of the word “Company” in the first sentence above quoted. It is evident that the consolidated wet assessment is a dealing between the Government and the Ryot, with which the Company are not allowed to have a share. In the very next paragraph of the Proceedings I refer to, the orders are that “the collection of the assessment will be left to the Government, whose officers must, as now, be the judges of the nature and extent of the remission required; and a reasonable charge for collection will be placed to the debit of the Company.” Thus the Government refused to yield any portion of their imperial rights, and allow no one to come between them as recipients of the taxes on the tax-payers. The Company are allowed to look to the distribution of the water and to the extent it is used, but their demand of payment is made, not on the Ryot, but on the Government. I look then on the mode of the demand of the Government on the Ryot as settled by the above order. It is to be a consolidated wet assessment. In obedience to that order I have submitted proposals for consolidated wet rates.

112. I next turn to the second part of the subject, viz., the manner in which the Company are to be paid for their water. This point does not seem to be settled, except that the Government have declared that the measure of the amount is to be the difference between the Nunjah and Punjab assessment. The Chief Engineer of the Company is very desirous for a uniform water rate, and that its amount should be 4 Rupees an acre. He argues strongly on this point, and contends that 4 Rupees is a sufficiently moderate demand for water per acre, and from his returns he fixes that amount as the value of his water. The Board of Revenue, however, object to a fixed water rate on the land, because its action is not equal or fair, as it does not press in proportion to the irrigable properties of the soil, and the best land gets off too easily, while the worst land is too highly assessed. I would, however, suggest a plan that would please all parties. I propose that the land be given out to the Ryot by the Government on a consolidated wet assessment, but that the Government settle with the Company by giving them a fixed water rate of so much per acre. The amount of this water rate I will discuss afterwards, but will first mention what appears to me to be the advantages of the plan I propose. The Board of Revenue in paragraph 18 of their Proceedings of the 28th March 1862, No. 2,069, say, that “the system (of consolidated Nunjah assessment) is not so simple as that of a separate water rate, but it is far more exact and fair in its operation, and will produce more satisfactory results.” The compromise that I propose will have the exactness and fairness of the consolidated assessment as far as the Ryot and Government are concerned, and the simplicity of the separate water rate system in settling the Company's accounts afterwards. The Irrigation Company is a private Commercial Company, and is established for the purpose of realizing returns from capital laid out, and like every other trading Company in the world is anxious to sell its commodity at a uniform rate, without inquiring into the circumstances of the purchaser, or the different degrees of profit that the commodity can be turned to, except so far as to ascertain its market value. If, however, the Government declare that the value of the water shall vary according to the irrigable property of the land to which it is applied, the Company have a right to inquire into the manner in which those irrigable properties have been ascertained; have a right to challenge the classification and assessment of every acre that has come under our operations; have a right to dispute every decision of the Revenue authorities regarding remission; and, in fact, have a right to interfere with every proceeding of the public officers as co-partners with Government in their imperial privileges. The only other alternative is that they must have no rights at all, not even that accorded to the humblest trader, of selling his goods at his own price; but must receive whatever amount the Government Revenue Officers declare to be their due without murmur.

113. So confident do I feel that when the subject comes to be considered by the higher authorities, not merely as a temporary expedient, but as a permanent settlement of the rights of the Company, they will take this same view of the subject, that I have not hesitated to express freely my opinion on the case. Assuming then that the authorities will favor my proposition, I will now allude to the amount of the water rate. The exact limit of country that will be irrigated by the Canal is not known except as far as Nagatur. The irrigated portion up to that village has been ascertained by levels, and it includes about 10,020 acres according to Colonel Cotton's accounts, but according to the Curnum's accounts it contains 8,939 acres of cultivable land. This extent is rather too limited to form any general conclusions for the

Vide Appendix Z.

whole District, and therefore I have also chosen two other large tracts of land which, from their position, there can be no doubt about their being under the influence of the Canal, although the contour of the level of the water-spread has not yet been ascertained. One of these pieces is the continuation of the strip of land from Nagatur bounded by the Canal, the Bavanasi, Tumbudra, and Kistna rivers, and the other is the tongue of land running between the Canal and the Kunder after the Canal emerges from the deep cutting near Nuttakandala, and commences to command the Nundial valley. The northern boundary of the latter piece is fixed by estimate.

114. In Appendix Z is given a detail account showing the difference between the dry and wet assessment on the three above-mentioned portions of land. Excluding Inams, it will be observed that the average water rate on the Government occupied land is just 4 Rupees; on the unoccupied land, it is Rupees 3-13-11; and on the whole Rupees 3-15-8. Thus it will be seen that the average water rate on an area of 84,059 acres is only 4 Pice less than the rate of 4 Rupees, which I propose to be given to the Company, if the waste is taken into consideration, but on the occupied land, it is exactly my proposed water rate. The decrease of 4 Pice per acre amounts to Rupees 2,001 on the whole, which would be the loss accruing to Government on this arrangement, if all the waste was brought under wet cultivation. But not only would this supposed extensive cultivation give extra Revenue to Government in the shape of dry rates, but it is probable that this loss will be more than made up lower down the Kunder valley in the Sirwel taluk, and in the other parts of the Nundial taluk itself, as rather more “Masab” soil occurs there than in that portion of the Nundial taluk, that I have now taken in my calculations and the water rates, or the difference between the dry and wet rates, is greatest on the “Masab” soils.

115. *Water rate on Inams.*—I would here call attention to the subject of fixing a water rate on Inam lands which may be irrigated newly by the Company's Canal. As the Government lands will have to pay different rates varying according to the classification of the soil, I suppose that the fairest way will be to treat the Inams in the same manner, and this can be done in this District, as the soils of the Inams have been classified equally with the Government land by our Department. I would only notice that our classification, in very many instances, differs from that of the Inam Commission, not only in the table of soils and rates, but also in the mode of their application, for while the Inam Commission have fixed the classes on the fields in office from information given by the Curnums and villagers, we have done so by actual inspection of the lands by persons trained for the purpose. This, it appears to me, creates a difficulty which would only be satisfactorily solved by having a uniform water rate of 4 Rupees which will leave the dry rate already settled by the Inam Commission undisturbed, and this course I beg leave strongly to recommend.

116. *After remarks.*—Since writing the above remarks I have received your Proceedings of the 17th ultimo, No. ~~1,054~~^{1,055}, communicating the Proceedings of the Government dated 16th idem, No. 1,056, and directing me, in accordance with the orders therein contained, to prepare and submit Statements showing the effect of applying a separate water rate to the dry assessment, compared with the consolidated wet assessment. These Statements are given as Appendix A A

If we take the area that was under irrigated cultivation in Fasli 1270, the following will be the result of applying my consolidated wet rates, and water rates of 4 Rupees and 3 Rupees as compared with the present assessment.

(1.) The present assessment on the irrigated area of Fasli 1270	Rs. 86,891.
(2.) The assessment according to my consolidated rates on the same area increased 5 per cent to make allowance for increase expected by the survey for reasons given in paragraph 108 with 8.17 per cent to be credited to Road and village Fee Funds, deducted.	„ 75,193, or a decrease of 13.46 per cent.
(3.) The assessment according to my dry rates and a separate uniform water rate of 4 Rupees on the same augmented area with the same deduction of 8.17 per cent.	„ 72,106, or a decrease of 17.02 per cent.
(4.) Do. do. with a water rate of 3 Rupees...	„ 60,041, or a decrease of 30.90 per cent.

117. In the second and third heads, lands irrigated by artificial appliances have been charged with a water rate of 3 Rupees as explained in paragraph 101 of this report, and in the fourth, such land has been charged with a water rate of 2½ Rupees, which is a deduction made in the same proportion on the full water rate, and is the same amount charged under similar circumstances in my report on the Masulipatam portion of the Kistna District.

118. The above-mentioned results are those upon existing wet cultivation. But it is far more important to see the effect upon land that will be irrigated by the Company's Canal as the extent is so much larger. I have already compared the result of my consolidated wet rates with that of a 4 Rupee water rate on three portions of the country which from their position there is little doubt will come under the influence of the Canal, and I have shown that the 4 Rupees rate applied on the area as given by the present Revenue accounts, shows an increase of 2,001 Rupees over the consolidated rates, and that even this small increase would probably disappear if we took more land in the Sirwel taluk. A 3 Rupees water rate will of course exhibit a great decrease. The result of the three different modes of assessing the wet land as applied to the above portions of the country which are assumed to be irrigable, and which are given in the present Revenue accounts as 84,059 acres, if cultivated, would be as follows:—

	RS.
The difference between the dry rates and consolidated rates	3,34,235
The water cess at 4 Rupees an acre	3,36,236
Do. at 3 Rupees an acre	2,52,177

I suppose that as this Revenue will be credited to the Irrigation Company 8.17 per cent will not be deducted and carried to the account of the Road and village Fee Funds.

119. After what I have already said, it is hardly necessary for me to state that I recommend a separate water rate, and that its amount should be 4 Rupees. Until I was just on the point of closing this report, I was under the impression that consolidated wet rates were decided on, and I did not refer again to the question. As, however, the Proceedings of the Government of the 16th ultimo, No. 1,056, which I have just received has again thrown open this point to discussion, I trust that I may be allowed to give my reasons for advocating a separate uniform water rate.

120. It is true that soils have irrigable properties, that is to say, that they are benefited in various degrees by the application of water, and therefore it is equitable to charge the Ryots for the water in proportion to the benefit they receive from it. But this is the only argument in favor of a consolidated wet assessment, the object of which is to get a varying water rate. But let us weigh this argument against others which arise out of the circumstances of the case.

121. The force of the argument is that the varying rate is just towards the cultivator. But I am sure that if the Ryot could have a voice in the matter he would give his vote in favor of the uniform rate. Under consolidated rates it is impossible to make generally known the assessment of every field. It throws the whole advantage of the knowledge of the assessment of each field

into the hands of the Curnum. The Ryot cannot beforehand make his calculations whether it will be profitable for him to undertake irrigated cultivation in this spot or that. He must get his information through the Curnum, and that functionary is not likely to dispense his favors very freely and cheaply. Besides the Ryot so long as he has to get his information of the assessment through the Curnum and Tahsildar, will never believe that they are not able to fix the amount of the assessment at their discretion, and alter it at their pleasure each year. They believe that those authorities can always show when it is convenient that some mistake or other was made in fixing the assessment. This ignorance of the charge to be made on each field and the uncertainty attending it, will be a great discouragement to the spread of a newly introduced cultivation. A general order from Government fixing a uniform rate which even the Collector could not alter, would give a stability, a solidity to the settlement which would be attended with the greatest advantages. It might even entice an outlay of European capital and energy, for the costs and profits may be calculated beforehand, and truly a magnificent field here is open to enterprise if it could be only more generally known.

122. Thus, so far as the Ryot is concerned, I believe that the uniform rate would be most popular. About the Company there is no doubt, as it is what they have definitely asked for, and I have already submitted that whatever may be done towards the Ryot, it seems reasonable that the Company should be allowed to ask a fixed price for the commodity they sell, and this course will obviate any disagreement that might occur between them and the Revenue Officers.

123. Lastly, all the Revenue Officers of the District whose opinion would have any weight on the subject, I believe, favor this view. The arrangement would enable them to administer the Revenues with an ease and equity, which would far more than compensate for the comparatively heavy taxation of a small quantity of inferior land which perhaps never will be taken up under irrigation, considering the large extent of superior land capable of being cultivated to the advantage of the people and the State.

124. I trust, therefore, on account of the natural interest that I take in the success of the Settlement in which I am so immediately connected, that you and the Board of Revenue will be pleased to recommend, and the Government to adopt, the course that I so strongly advocate.

SECOND CROP.—125. The next point to be decided is the assessment which shall be charged on the second crop in Paddy cultivation.

126. This question is an important one, not on account of the present extent of second crop cultivation, for that is very limited, but on account of the prospect of a very large extension of this cultivation hereafter when the works of the Irrigation and Canal Company are completed. The works for the irrigation of the first and second crops are quite distinct in their nature. Those for the first crop are only those which are necessary to divert the water from its natural course in the monsoon, and to spread it over the country; but for the second crop, it is necessary to have extensive reservoirs to store up the water during the monsoon, and then to discharge it down the supplying channels when the natural source of supply has failed. By the first crop irrigation, therefore, is meant only irrigation during the monsoon when there is a natural supply of water; and by the second crop irrigation, irrigation for all the rest of the year with stored water. Such at least is the definition of the two supplies as given me by the Chief Engineer of the Irrigation Company, and it is of importance to notice that the “second crop” irrigation does not only mean the supply of water while the second crop of Paddy is on the ground, but the supply for all the rest of the year when the natural supply has ceased; for, in the case of such crops as Sugar-cane, Betel, and other garden products, the water is often wanted when the second crop of Paddy is not on the ground. With this explanation then of the way in which I understand the expressions “first” and “second” crop, in making my proposals I shall retain the use of those terms as they are convenient.

127. The rates that I propose for the second crop are those derived from the difference between the dry and wet rates, and are given at the end of paragraph 79 of this report. The following are the grounds of this proposal.

128. In the Godavery and Kistna deltas where the assessment for irrigated lands consists of a dry assessment and a water cess of 3 Rupees, the second crop is charged at the rate of 3 Rupees, or the sum equivalent to the water cess for the first crop. Where consolidated assessments have hitherto prevailed the usual custom has been to charge the second crop with half of the consolidated rate. This is noticed by Government in their Proceedings of the 22nd of September 1860, No. 1,690, where they point out that an assessment of 1½ Rupees recommended by the Board was too low. In their Proceedings of 9th April 1861, No. 795, the Government again do not agree to the Board's proposal of a 2 Rupees rate for the second crop, and express their opinion in paragraph 10 that "even charging the full rate of 3 Rupees for the second crop, the whole charge on the land will be extremely moderate." In the face of this express declaration of the opinion of Government regarding the amount of the assessment to be imposed on the second crop, it is impossible for me to propose any lower amount.

129. The circumstances however of this District are very different from those of the Godavery and Kistna Districts. In the first place, the wet assessment here, at all events so far as the cultivators are concerned, is to be consolidated and not separate land and water tax and secondly the land is watered by a Commercial Company and not by the Government.

130. The first of these two circumstances enables the Government to levy a higher rate because the land is charged according to its irrigable properties. Of course when there is a uniform water rate, the amount must be very moderate, or else it will press so heavily on the poorer soils so as to prevent their being cultivated. When however the land is assessed in proportion to the advantages it derives from water, a higher average rate can be obtained without any undue pressure on the cultivators. If then a uniform rate of 3 Rupees is declared to be a moderate cess in the Godavery Deltas, an average rate of more than 3 Rupees, when the assessment is distributed according to the powers of the soil, can easily be borne in this District.

131. In the next place, the land is watered by a private Company. The Government can afford to tax the cultivator for the water without taking into consideration the per-centage of returns on the capital laid out. But a private Company cannot unless they have made up their minds, under the peculiar circumstances of their connection with Government, to remain satisfied with the 5 per cent guaranteed to them by Government, and seek for no further extension of profits. As Colonel Cotton remarks, "the Government receives indirect returns in a thousand ways which the Company will not, the Company's dues being quite irrespective of national sources of Revenue." The Government can not only afford to lay out money on works only partly remunerative, but on roads, schools, and other works, which are wholly unremunerative, as far as direct Revenue is concerned. The question then of returns is an important consideration in deciding the Company's dues on the second crop, and here I may remark that it appears to me that the whole of the returns of the second crop belong to the Company, since, without their works, it could not be grown except of course where tanks already exist.

132. As far as I understand the principle of assessing a second crop it is this. Under ordinary circumstances the undeviating rule of Revenue administration is that the land is assessed and not the crop and provided the crop grown does not cost the Government any additional outlay, the cultivator may grow whatever crops he likes, and as many as he likes without any interference on the part of Government or their servants. But in growing a second irrigated crop, the cultivator requires more water and puts the Government, or, as it is in this District, the Company to an extra expense. To re-imburse this charge, an extra cess is levied on the second crop, and the measure of the cess it appears to me should be to a great degree the amount of the outlay in supplying water all the year round.

133. The usual amount charged for the second crop is half of the whole of the consolidated assessment of the first crop. The exact value of the second crop I have never seen calculated, but it is beyond dispute inferior to the first crop, and not only inferior in the quantity of

produce, but it is an inferior kind of Paddy grown. But while admitting this fact, the Government in paragraph 7 of their Proceedings of the 22nd September 1860, No. 10,690, clearly show the inadvisability of too lightly assessing it. "The second objection" (namely, the inferiority of the crop) "they remark is no doubt true as a fact, but even the second crop of an acre of land is probably worth at least 10 or 12 Rupees. The exhaustion of the soil is also true in many cases. But this is for the owner to consider. A Rupee or two less to pay, would not make it worth his while to deteriorate his land, nor would it be wise on the part of Government to hold out such an inducement."

134. But as I have just said, it does not appear to me to be correct in principle to charge the second crop according to the value of its produce, but at the rate that the water costs to supply. To illustrate my meaning the more forcibly, I may say that the Government might as well pass a law to force the merchant to sell seed cheaper for the second crop or for inferior lands because of the inferiority of their out-turn as to order the Company to charge 1 Rupee or 2 Rupees per acre for the second crop, when the Chief Engineer of the Company states that to obtain a fair remuneration for the outlay of works to supply water all the year round, a rate of 4 Rupees must be levied.

135. In this question the amount of the cultivators' profits does not appear to me to enter, except that it is obviously to the advantage of the Irrigation Company not to charge more than the cultivators can afford to pay, or else second crop cultivation will become unknown in the District. In the land tax generally, the Government endeavour to fix their demand in proportion to the profits of the cultivator, but in the second crop cess, the object of the assessment is different, and unless the cultivator can afford to pay a fair remunerative price for the water, it is better for all parties that the extra works to store the water beyond the period of the monsoon, should not be undertaken. I believe, however, that the Ryot would be able to pay for the second crop, the difference between my Nunjah and Punjab rates, and as this is the cost of the water for the first crop, and Colonel Cotton states that the second crop will cost the same, I propose that that difference be the cess for the second crop.

136. The average assessment then for the second crop will be, as I have already shown in the case of the first crop, Rupees 3-15-8, and as for the first crop so now I propose, for the reasons that I have already mentioned, that 4 Rupees per acre be given to the Irrigation Company, irrespective of the kind of land irrigated, as asked for by Colonel Cotton.

137. I will endeavour to compare the financial results of my proposal with the present assessment on existing second crop cultivation. I have however a difficulty in doing this as most of the second crops are charged with "Fasljasti" or extra cess, and although I can discover from the present Revenue accounts the amount of the "Fasljasti," I cannot find the exact area on which it is levied, and hence I cannot apply the new rates. There are however 3,538 acres of land on which a second crop is raised which is entered in the present Revenue accounts as "Dofasl" or double crop land. This land pays an assessment of Rupees 36,132, but there it does not appear how much of this assessment is charged to the first crop, and how much to the second. However taking the old Revenue rule of charging the second crop with half the assessment of the first, I propose to consider 12,044 Rupees as the second crop assessment on the abovementioned 3,538 acres. But of these 3,538 acres, 2,417 acres are watered by artificial appliances, and to these, as in the first crop, I propose to apply a reduced rate of 3 Rupees. They now pay, according to my calculations, Rupees 6,612 for the second crop grown on them, and if we charge them with a 3 Rupee rate, the assessment will be Rupees 7,251. But this point is not an important one as the extent of land having a second crop irrigated with water raised by artificial appliances will continue to be very limited. All second crop that will be watered by the Company's Canal, will be of such a level as to allow the water to flow over it without the trouble and expense of raising. The extent of land which raises a second crop without artificial appliances, as far as I

Vide Appendix B B.

can get accounts, is only 1,121 acres. The amount of assessment paid for that second crop, calculating it at half of the amount paid for the first crop, is Rupees 5,432. I cannot apply the difference of my dry and wet rates to this area as I do not know the classification, but if we apply a 4 Rupees water rate the result will be Rupees 4,484, so that my proposals will leave the cultivators better off than they are now. The extent of land on which these conclusions are drawn is very limited, but I have mentioned the point to show that, as far as the comparison between present charge for second crop and my proposals can be obtained, it tends to prove the proposals to be moderate.

138. It should also be remembered that it is not compulsory on the Ryot to take water for the second crop, and there is no hardship whatever in charging any cess however high for it, for the profits of the second crop may be looked on as entirely an unexpected increase of the Ryot's income, and if he finds that it does not pay him, he can relinquish it. This relinquishment will not take away his only means of livelihood as would be the case if we were to over assess his land in the first instance. The second crop, as indeed the whole of the wet cultivation in the greater part of this District, is a new source of wealth to him, of which his father and grandfather never dreamt of. The amount of the wet assessment therefore does not involve the principle of justice or injustice towards the Ryots, but it is simply a question of policy what amount would be best levied for the success of the Company. So if any doubts should arise that the amounts I propose for the water both for the first and second crops may be too high, I would further urge as a reason for giving my rates a trial, that if it shall be found hereafter to be true economy to reduce the rates, such a step can be taken with satisfaction to the people and increased popularity to the Company, but on the other hand if too light rates are imposed in the first instance during this present settlement, it will be impossible to increase them afterwards.

139. My reasons then for proposing that the difference between my Nunjah and Punjah rates be charged on the second crop may be summed up as follows:—(1.) That the amount charged on the second crop should be that which gives a fair return for the water supplied and the trouble of supplying it, and this amount is represented by the difference of the Nunjah and Punjah rates; and (2), that the average assessment of those differential rates is about 4 Rupees an acre, which is the amount that the Chief Engineer estimates the value of the water; (3), that in the Government Deltas on the coast where there is a uniform water rate, it amounts to 3 Rupees and is considered moderate, and therefore there can be no doubt that when the water rate is placed on the land in proportion to its irrigable properties, an average rate of 4 Rupees is also moderate; (4), that as the second crop in the Government deltas is charged at the same rate as the water rate of the first crop, the second in this District may be charged with the difference between the dry and wet rate of the first crop; (5), that the amount now paid for second crops shows the rates I propose to be moderate; and (6) lastly, that if the rates I propose prove too high they can afterwards be lowered, but that if pitched too low in the first instance they cannot be raised.

140. On looking back to the Proceedings of the Government, Revenue Department, dated the 22nd September 1860, No. 1,090, paragraph 6, I observed that three of the reasons I here put forward, namely, 1st, 2nd and 4th, are there clearly enunciated. When discussing the amount of assessment to be charged on the second crop in the Godavery and Kistna Deltas, the Government remark, "The supply of water for second crop in these Deltas must be very limited without special means taken to provide it, and the means will be the construction of very extensive reservoirs up the river. The cost of such works will properly be chargeable to the second crop, for they will be necessary for that only. But the light charge (*i. e.*, 1 Rupee or 1½ Rupees) proposed to be made for the water would hardly pay for the necessary works, and so by lessening or taking away the inducement to construct them, might prevent their being made. A higher charge than that proposed by the Board seems therefore necessary and proper. The principle of a water rate seems to require that the rate should be the same for both the first and second crop, and 3 Rupees an acre would probably not be high as the entire charge on the second crop." The principle here

enunciated will evidently remain the same whether 3 Rupees an acre or 4 Rupees an acre are required to cover the cost of the storing reservoirs, and for the other reasons I have already stated, while wishing to stamp my proposals in every respect with the mark of moderation, I do not think it necessary, in justice to the Company, to propose any thing less than an average assessment of about 4 Rupees an acre for the second crop.

After remarks.—141. I must here also remark, that when I had written my views on this subject thus far, I received the Proceedings of the Government dated the 16th ultimo, No. 1,056, which I referred to in the preceding subject of this report. With the liberty given me by the Order of Government contained in these Proceedings, I beg to recommend a uniform rate of 4 Rupees to be charged for the second crop in preference to a varying rate formed by the difference between my dry and wet rates. All my previous arguments will stand unaltered except where I mentioned the land being watered according to irrigable properties as one of my reasons. That argument being swept away, however, does not alter my opinion regarding the amount to be charged for the second crop, while the reasons given under the previous head of this report for my preferring a uniform rate to a varying rate, are as equally applicable in the case of the second crop as in that of the first.

UNOCCUPIED LAND.—142. The two great ranges of hills with a fringe of jungle at their foot, have been excluded in accordance with your orders, from the survey limits. Our demarcation only touches on one side of the Nallamallas, but the Erramallas are demarcated on three sides, the rest of the range stretching into the Koilkuntla taluk. A portion of the latter range towards the north is disconnected from the main chain by the demarcation of a village situated amid the hills and a line runs along the Ghaut. Besides these, there are some smaller detached hills demarcated in blocks, and extensive patches of waste within the village boundaries formed into large Khandams. The extent of unoccupied land demarcated in detail is 1,18,358 acres, which is a little more than a fifth of the extent of the occupied land. Of this 1,183 acres are irrigable by the sources of irrigation that at present exist. According to our accounts this waste should bear an assessment of Rupees 76,518. The average assessment of the dry land is Rupees 0-9-7, and of the wet Rupees 5-6-6. As might be expected these averages are less than those on the occupied land.

CONCLUDING REMARKS.—143. There remains nothing further for me to add except that I have shown my proposals for the settlement to the Collector, and I have his permission to state that on the whole they meet with his concurrence. I will give him a copy of the report, so that he may make any further remarks on it that he may think proper, and this course will enable him to lay his opinion the earlier before the Board. I have to acknowledge his kindness in allowing me freely to consult with him on all occasions, and in giving me advice and information when I required them. I have also to acknowledge the valuable assistance I have received from my Assistant, Mr. Cox, in working up all the details of the settlement into a suitable form. Impressed with the necessity of submitting this report quickly, I have written it with as little delay as possible, and I trust that any defects that may appear on a closer examination, may be pardoned.

I have the honor to be,

Sir,

Your most obedient servant,

F. W. MORRIS,

Deputy Director of Revenue Settlement.

APPENDICES.

A1.—STATEMENT showing the extent of Land occupied and unoccupied in Kurneol Proper.

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

A 4.—STATEMENT showing the Classes of Villages and Land occupied and unoccupied in Nundial taluk in Kurnool Proper.—(Continued.)

A 4.—STATEMENT SHOWING THE CLASSES OF VILLAGES AND TANKS.																		
2nd Class.	Classes of villages.	Names of villages.	Tanks in good order.		Total area of villages.	Deduct			Balance.	Occupied land as per accounts of Fasli 1270.				Waste.	Total.	Demand of Fasli 1270.		
			Government.	Private.		Thrown in unsurveyed portion.	Poramboke.	Inams.		Dry.	Garden land.	Wet including dry converted into wet.	Total.			Jeroyati Sist.	Ready money.	Total.
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
			No.	No.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Rs.	Rs.	Rs.
87	Sekunala.....		...	...	6,687	532	342	1,378	4,387	2,671	...	4	2,675	1,712	4,387	1,973	160	2,133
88	Bramhanapalli		...	...	2,805	991	288	520	1,006	602	...	40	642	364	1,006	768	42	810
89	Somayajulapalli		...	...	1,645	120	59	714	752	726	...	...	731	21	752	888	46	934
90	Chennakkapalli		...	...	5,726	2,700	996	704	1,326	1,256	4	14	1,274	52	1,326	1,509	101	1,610
91	Beturucherla		...	...	8,515	2,033	1,675	3,086	1,733	1,671	20	1	1,692	31	1,723	3,069	813	3,882
	Total.....		3	...	1,45,571	55,314	32,417	22,350	35,490	28,729	217	266	29,212	6,278	35,490	32,947	4,089	37,036
	Grand Total....		50	...	4,68,845	1,87,619	51,010	93,186	1,35,030	1,19,024	615	2,436	1,22,095	12,935	1,35,030	1,93,091	21,537	2,14,628

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

A 5.—STATEMENT showing the Classes of Villages and Land occupied and unoccupied in Sirwel taluk in Kurnool Proper.

Classes of villages.	Names of villages.	Tanks in good order.		Total area of villages.	Deduct.			Balance.	Ryots, holding as per accounts of Fasli 1270.					Waste.	Demand of Fasli 1270.				
		Government.	Private.		Thrown in unsurveyed portion.	Poramboke.	Inams.		Dry.	Garden land.	Wet including dry converted into wet.	Total.	Acres.		Jeroyati Sist.	Ready money.	Total.		
																		No.	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1st Class.	2	No.	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Rs.	Rs.	Rs.
1	Sirwel...	1	...	11,039	...	905	3,350	6,784	6,070	5	83	6,158	626	2,945	525	3,470			
2	Yerragudinne...	3	...	3,760	...	235	1,340	2,185	1,891	6	115	2,012	173	1,869	238	2,107			
3	Chilakalur...	...	...	2,239	...	118	4,008	1,113	1,038	...	...	1,038	75	1,061	199	1,260			
4	Bathalur...	...	...	5,302	...	176	2,364	2,762	2,747	...	...	2,747	15	2,653	370	3,023			
5	Chinnakumbalur...	4	...	4,563	...	463	1,320	2,780	2,393	17	162	2,572	208	3,392	323	3,715			
6	Chennur...	1	...	6,113	...	265	2,058	3,790	3,544	...	22	3,566	224	2,350	154	2,504			
7	Gungavaram...	1	...	1,570	...	48	490	1,032	930	...	28	958	74	785	61	846			
8	Boyalakunta...	1	...	4,553	...	796	1,559	2,198	1,769	...	41	1,810	288	1,784	290	2,074			
9	Peddakumbalur...	1	...	8,173	...	3,956	1,722	2,025	1,389	...	39	1,428	597	1,461	95	1,556			
10	Yellavottula...	2	...	3,150	...	271	1,383	1,496	1,246	...	25	1,271	225	1,516	187	1,703			
11	Chundhur...	1	...	3,432	...	254	1,371	1,807	1,381	...	4	1,397	410	668	83	751			
12	Mundalur...	...	...	2,252	...	235	787	1,230	1,144	...	8	1,152	78	1,642	205	1,847			
13	Peruru...	3	...	3,593	...	473	1,432	1,688	1,440	...	...	200	48	1,931	281	2,212			
14	Zillella...	...	...	4,402	...	104	1,249	3,049	3,008	...	29	3,037	12	2,558	277	2,835			
15	Nagulvaram...	...	...	1,986	...	47	738	1,201	1,070	...	8	1,094	107	1,080	84	1,164			
16	Biravolu...	1	...	2,240	...	488	599	1,153	480	...	...	503	650	591	14	605			
17	Pasarapadu...	...	...	1,658	...	48	688	922	916	...	...	921	1	2,068	217	2,285			
18	Govindapalli...	...	...	2,450	...	64	531	1,855	1,787	...	...	1,801	54	1,306	33	1,339			
19	Kaminipalli...	...	...	1,542	...	49	351	1,142	1,111	...	...	1,127	15	799	18	817			
20	Dibagunta...	...	...	2,553	...	105	883	1,565	1,502	...	...	1,511	54	1,507	161	1,668			
21	Sambavaram...	...	...	1,347	...	50	491	806	773	...	...	773	33	845	68	913			

STATEMENT showing the Classes of Villages and Land occupied and unoccupied in Sirvel taluk in Kurmool Proper.—(Continued.)

[illegible]

48	Chinnavangali	...	...	...	1,134	...	119	434	531	542	12	2	556	25	1,670	121	1,791
49	Kullur...	...	...	...	2,678	...	167	1,153	1,358	1,307	28	...	1,335	23	2,987	248	3,235
50	Dadanala...	...	...	...	1,209	...	49	474	686	683	...	...	683	3	1,347	126	1,473
51	Mallivemula...	...	...	...	2,412	...	131	1,051	1,230	1,146	13	...	1,159	71	1,809	459	2,268
52	Rajoli	...	...	...	2,485	...	29	1,026	1,430	1,366	...	...	1,366	64	2,196	297	2,493
53	Gothur	...	...	...	2,537	...	253	904	1,380	1,350	18	...	1,368	12	1,921	322	2,243
54	Kalugotlapalli...	...	...	...	1,544	...	171	520	853	712	41	...	755	98	1,445	105	1,550
55	Nilumpadu...	...	...	...	1,705	...	55	680	970	883	75	...	958	12	2,427	80	2,507
56	Maddur...	...	...	...	3,271	...	105	1,464	1,702	1,635	8	...	1,643	59	1,908	437	2,345
57	Bramhanapalli	...	...	...	586	...	3	82	501	482	19	...	501	...	938	11	949
58	Todendlapalli	...	...	...	2,410	...	180	869	1,361	1,318	...	...	1,318	43	770	36	806
59	Kotakundakur	...	...	...	6,935	...	656	2,846	3,433	3,001	56	...	3,657	376	3,733	695	4,428
60	Palasagaram	...	...	...	568	...	62	189	237	207	21	...	228	29	573	50	623
61	Chinnabodanam	...	...	...	3,114	...	152	1,300	1,662	1,576	10	...	1,586	76	1,311	188	1,499
62	Ramatritakrushnapuram..	...	...	...	4,339	...	1,659	1,217	1,463	1,217	54	...	1,271	192	1,446	96	1,542
63	Peddapodanam...	...	...	...	3,737	...	131	1,756	1,849	1,760	3	...	1,763	86	2,712	36	3,108
64	Rampalli	...	...	...	1,186	...	28	382	776	711	49	...	760	16	1,160	55	1,215
65	Chintakomnadine	...	...	...	2,123	...	64	901	1,158	1,082	32	...	1,114	44	1,547	182	1,729
66	Patakandakur	...	...	...	3,410	...	236	785	2,389	2,354	29	...	2,383	6	2,492	230	2,722
67	Lingundinne	...	...	...	1,305	...	24	443	838	229	8	...	837	1	1,816	70	1,886
68	Padakandla...	...	...	...	3,175	...	134	1,300	1,744	1,504	68	...	1,572	169	3,195	498	3,693
69	Allagadda...	...	...	...	2,494	...	79	893	1,522	1,411	39	...	1,450	72	1,354	111	1,465
70	Devarayapuram	...	...	...	2,111	...	61	583	1,467	1,467	...	...	1,467	...	2,593	132	2,725
71	Chintakunta	...	...	...	6,768	...	164	1,737	4,867	4,833	16	...	4,866	5	8,403	617	9,020
72	Gubakundam	...	...	...	2,938	...	158	1,300	1,480	1,471	4	...	1,475	5	2,273	220	2,493
73	Muttakur...	...	...	...	4,495	...	120	1,788	2,587	2,394	37	...	2,442	145	3,187	264	3,451
74	Vobalumpalli...	...	...	...	2,433	...	271	762	1,400	1,290	19	...	1,309	91	2,657	294	2,951
75	Alamur...	...	...	...	1,269	...	1,995	2,218	3,171	2,499	4	...	2,651	520	3,020	395	3,415
76	Narasapuram...	...	...	...	7,434	...	665	1,831	2,213	1,529	3	...	1,545	668	2,010	134	2,144
77	Nagularavaram...	...	...	...	996	...	50	370	576	554	4	...	558	18	715	90	805
78	Talalingundinne	...	...	...	16,613	...	2,937	805	1,252	780	7	...	864	388	1,119	82	1,201
79	Ahobalam...	...	...	...	9,185	...	2,969	945	476	330	...	...	334	142	197	49	246
80	Mittapalli	...	...	...	6,773	...	5,160	524	1,089	969	22	...	1,027	62	1,532	73	1,605
81	Yadavada...	...	...	...	6,148	...	2,760	1,482	1,906	1,683	10	...	1,753	153	2,154	526	2,680
82	Goriganur	...	...	...	4,193	...	845	984	841	537	31	...	570	271	743	125	866
83	Duntlavanipenta...	...	...	...	5,947	...	1,642	1,264	489	349	38	...	387	102	992	191	1,183
84	Mutiylalapadu...	...	...	...	6,758	...	2,150	2,875	1,571	735	...	...	831	740	2,203	519	2,722
85	Bacheppalli...	...	...	...	4,650	...	1,782	1,203	1,171	944	3	...	947	224	933	155	1,088
		38	1	3,09,767	43,183	42,962	91,684	1,31,938	1,17,341	1,251	1,762	1,20,354	11,584	1,61,688	17,955	1,79,643	

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS, Deputy Director of Revenue Settlement.

B. STATEMENT showing the Demand, Collection, Remission and Balance of the Land Revenue in Kurnool Proper, from Faslis 1249 to 1271.

No.	Faslis.	Demand including Jodi, &c.	Collection.	Remission.	Balance.	Remarks.
1	2	3	4	5	6	7
		Rupees.	Rupees.	Rupees.	Rupees.	
1	1249 ...	7,17,382	6,86,817	30,565	...	
2	1250 ...	7,17,527	6,73,266	44,261	...	
3	1251 ...	7,05,338	6,40,472	64,866	...	
4	1252 ...	6,70,450	6,06,183	64,267	...	
5	1253 ...	5,75,180	5,49,873	25,307	...	
6	1254 ...	6,26,853	6,14,711	12,142	...	
7	1255 ...	6,27,563	6,23,873	3,690	...	
8	1256 ...	6,73,941	6,71,115	2,826	...	
9	1257 ...	6,92,423	6,90,753	1,670	...	
10	1258 ...	7,14,854	7,08,040	6,814	...	
11	1259 ...	6,95,493	6,80,854	14,639	...	"Disastrous season."
12	1260 ...	7,22,882	7,12,645	10,237	...	
13	1261 ...	7,31,740	7,23,978	7,742	...	
14	1262 ...	7,28,436	7,20,700	7,736	...	"Great drought."
15	1263 ...	6,39,490	6,32,025	7,465	...	
16	1264 ...	7,20,550	7,17,524	3,026	...	
17	1265 ...	7,17,138	7,15,078	2,060	...	
18	1266 ...	7,46,223	7,44,857	1,366	...	
19	1267 ...	7,30,930	7,30,305	625	...	
20	1268 ...	7,46,844	7,46,340	502	2	
21	1269 ...	7,80,236	7,79,892	327	17	
22	1270 ...	7,75,670	7,75,076	...	594	
23	1271 ...	7,91,464	7,90,876	...	588	

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

C. 1.—STATEMENT showing the "Guttakammi" or reduction in the rates of Assessment in Kurnool Proper, from Faslis 1252 to 1269.

Faslis.	Dry.	Garden land.	Wet.	Dry converted into wet.	Total.
1	2	3	4	5	6
	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.
1252 ...	4,955	1,293	1,405	...	7,653
1253 ...	1,636	192	2,107	...	3,935
1254 ...	2,505	309	922	12	3,748
1255 ...	1,287	171	1,303	45	2,806
1256 ...	510	538	844	...	1,892
1257 ...	427	57	715	21	1,220
1258 ...	562	7	622	30	1,221
1259 ...	457	177	663	6	1,303
1260 ...	551	153	657	38	1,399
1261 ...	265	29	9	...	303
1262 ...	964	144	89	34	1,213
Total...	16,851	3,070	9,336	186	29,443
1263 ...	253	632	1,524	10	2,419
1264 ...	2,369	323	1,159	54	3,905
1265 ...	2,330	714	161	52	3,257
1266 ...	1,901	119	381	27	2,428
1267 ...	7,005	351	4,282	130	11,768
1268 ...	4,877	189	515	130	5,711
1269 ...	6,018	503	455	8	6,984
Total...	24,753	2,831	8,477	411	36,472
Grand Total...	41,604	5,901	17,813	597	65,915

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

C 2.—STATEMENT showing the "Guttajasti," or increase in the rates of Assessment in Kurnool Proper from Faslis 1252 to 1269.

Faslis.	Dry.	Garden Land.	Wet.	Dry converted into wet.	Total.
1	2	3	4	5	6
	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.
1252... ..	8,000	563	1,539	...	10,102
1253... ..	1,087	459	643	...	2,189
1254... ..	2,691	185	870	61	3,807
1255... ..	5,236	254	1,396	16	6,902
1256... ..	1,021	46	848	...	1,915
1257... ..	1,881	91	738	24	2,734
1258... ..	3,744	138	3,336	7	7,225
1259... ..	2,810	188	1,113	12	4,123
1260... ..	504	326	581	33	1,444
1261... ..	452	78	130	102	762
1262... ..	397	17	52	32	498
Total.....	27,823	2,345	11,246	287	41,701
1263... ..	1,319	258	173	83	1,833
1264... ..	352	27	45	33	457
1265... ..	1,475	67	127	37	1,706
1266... ..	1,213	225	1,125	150	2,713
1267... ..	839	153	248	96	1,336
1268... ..	1,656	332	1,361	272	3,621
1269... ..	2,834	34	115	...	2,983
Total.....	9,688	1,096	3,194	671	14,649
Grand Total.....	37,511	3,441	14,440	958	56,350

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

D.—STATEMENT showing the population distinguishing Hindus, Mahomedans and Christians, Agriculturists and Non-Agriculturists, and the number of flat-roofed, tiled, and thatched houses as existing in Fasil 1271.

No.	Taluk.	Square miles.		Population.				Average number of persons per square mile.	Details of Column 7.		Houses.			
				Hindus.	Mahomedans.	Christians.	Total.		Agriculturists.	Non Agriculturists.	Flat-roofed.	Tiled.	Thatched.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
		Miles.												
1	Ramakota.....	646	78,334	7,967	21	86,322	133	62,196	24,126	13,441	...	5,230	18,671	
2	Nandikotkur.....	616	65,503	10,149	22	75,674	123	54,337	21,337	8,960	...	9,334	18,294	
3	Nandial.....	439	73,513	10,151	732	84,398	192	54,550	29,848	8,320	1	13,392	21,713	
4	Sirvel.....	416	51,613	6,032	332	58,027	139	39,326	18,701	3,237	1	11,864	15,102	
	Total.....	2,118	2,68,963	34,349	1,107	3,04,421	143	2,10,409	94,012	33,958	2	39,320	73,780	
	Town of Kurnool... ..	.....	12,475	15,224	150	27,849	...	798	27,051	5,507	5	138	5,710	
	Grand Total...	2,118	2,81,438	49,573	1,257	3,32,270	157	2,11,207	1,21,063	39,525	7	39,958	79,490	

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

E.—STATEMENT showing Agricultural Statistics in Kurnool Proper, for Fasil 1271.

Taluka.	Number of Ryots including residents and non-residents.	Number of Puttahs.		Number of Ploughs.	Cattle.				Cultivation in Fasal 1270.		Average holding of each Ryot.	Average silt paid by each Ryot.	Average acres per each plough.	
		Individual.	Joint.		Bullocks.	Cows.	Buffaloes.	Sheep and Goats.	Acres.	Sist.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1. Ramalakota.....	8,131	6,601	777	8,931	17,862	5,267	8,310	23,913	1,78,620	1,63,244	21	97	A. C.	20 4
2. Nandikotkur.....	7,212	6,533	669	9,958	19,916	3,606	7,623	20,283	1,60,481	1,87,404	22	25	26 0	16 12
3. Nandial.....	9,653	7,123	971	7,145	15,586	5,516	10,999	19,161	1,24,961	1,96,792	12	95	20 6	17 49
4. Sirwel.....	6,818	6,060	758	5,306	11,058	1,988	7,132	4,304	1,20,102	1,69,095	17	62	24 13	22 63
Total.....	31,844	26,317	3,175	31,320	64,422	16,377	34,064	67,661	5,84,164	7,16,535	18	34	22 8	18 65

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS, Deputy Director of Revenue Settlement.

F.—COMPARATIVE STATEMENT of Population and Agricultural Statistics for post Fasli.

F.—COMPARATIVE STATEMENT of Population and Agricultural Statistics for past years.													
Fasli.	Population.	Ryots.				Puttahs.		Cattle.					
		Resident.	Non-Resi- dents.	Total.	Indivi- dual.	Joint.	Total.	Ploughs.	Ploughing.		Milch.		Sheep and Goats.
									Bullocks and Buffa- loes.	Cows.	Buffaloes.		
1	2	3	4	5	6	7	8	9	10	11	12	13	
1249.....	1,95,144	11,453	5,185	16,638	.....	.....	.....	.....	.....	.....	.....	.....	
1250.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
1251.....	1,87,844	11,897	4,219	16,116	12,017	4,285	16,302	14,481	45,727	19,103	48,182	1,31,001	
1252.....	1,88,255	11,725	3,601	15,326	11,568	3,511	15,079	13,643½	42,956	18,101	45,094	1,18,118	
1253.....	1,88,452	13,696	3,820	17,516	13,696	3,820	17,516	14,902	45,864	19,992	46,862	1,19,775	
1254.....	1,88,697	14,216	3,896	18,112	14,243	3,896	18,139	16,154	46,764	20,021	46,396	1,18,951	
1255.....	2,23,581	14,826	4,154	18,980	14,826	4,154	18,980	16,527½	58,713	25,373	57,546	1,25,232	
1256.....	2,37,682	15,595	4,320	19,915	15,595	4,320	19,915	18,347	64,348	28,868	64,064	1,55,598	
1257.....	2,41,632	16,441	4,553	20,994	16,441	4,553	20,994	19,925	65,979	28,937	65,224	1,81,599	
1258.....	2,43,968	16,963	4,712	21,675	16,963	4,712	21,635	23,297½	68,805	29,498	66,329	1,70,872	
1259.....	2,73,190	16,881	4,860	21,741	16,881	4,860	21,741	20,989	48,444	22,206	39,359	56,648	
1260.....	2,73,190	16,504	6,889	23,393	16,504	5,398	21,902	22,036	48,444	22,206	39,359	56,648	
1261.....	2,73,190	.....	.....	.....	.....	.....	22,253	.....	48,444	22,206	39,359	56,648	
1262.....	2,73,190	.....	.....	.....	.....	.....	22,309	.....	48,444	22,206	39,359	56,648	
1263.....	2,73,190	.....	.....	.....	.....	.....	22,406	.....	48,144	22,206	39,359	56,648	
1264.....	2,87,726	19,740	4,709	24,449	21,022	1,124	22,146	28,759	77,980	32,255	75,591	1,61,392	
1265.....	2,87,726	22,628	5,378	28,006	23,306	1,720	25,026	27,439½	77,980	32,090	74,765	1,61,102	
1266.....	2,87,726	22,628	5,378	28,006	23,306	1,720	25,025	27,439½	77,980	32,090	74,765	1,61,102	
1267.....	2,87,726	22,628	6,378	28,006	23,306	1,720	25,026	27,439½	77,980	32,090	74,765	1,61,102	
1268.....	2,87,726	22,628	5,378	28,006	23,306	1,720	25,026	27,439½	77,980	32,090	74,765	1,61,102	
1269.....	2,87,726	22,628	5,378	28,006	23,306	1,720	25,026	27,439½	77,980	32,090	74,765	1,61,102	
1270.....	2,87,726	22,628	5,378	28,006	23,306	1,720	25,026	27,439½	77,980	32,090	74,765	1,61,102	
1271.....	3,32,270	25,271	6,543	31,814	26,317	3,175	29,492	31,340	64,422	16,377	34,064	67,661	

CAMP KUERNOL, 4th July 1863.

F. W. MORRIS, Deputy Director of Revenue Settlement.

G.

Rent Roll of Fasli 1271, Kuernool Proper.

Taluks.	Number of Ryots paying																				Total.
	Below 10 Rupees.		Above Rupees 10, and below Rupees 30.		Above Rupees 30, and below Rupees 50.		Above Rupees 50, and below Rupees 100.		Above Rupees 100, and below Rupees 250.		Above Rupees 250, and below Rupees 500.		Above Rupees 500, and below Rupees 1,000.		Total single Puttahs.		Joint Puttahs.		Number of Puttahs.	Sist.	
	Number of Puttahs.	Sist.	Number of Puttahs.	Sist.	Number of Puttahs.	Sist.	Number of Puttahs.	Sist.	Number of Puttahs.	Sist.	Number of Puttahs.	Sist.	Number of Puttahs.	Sist.	Number of Puttahs.	Sist.	Number of Puttahs.	Sist.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	RS.
1 Ramalakota...	3,142	17,685	2,248	40,794	627	25,082	395	27,942	150	23,056	33	10,766	6	4,394	6,601	1,49,719	777	19,579	7,378	1,69,298	
2 Nandikotkur.	2,828	16,924	2,058	36,124	750	28,219	553	38,020	296	44,305	39	12,882	9	6,131	6,533	1,82,605	669	15,594	7,202	1,98,199	
3 Nandial.....	3,467	14,661	2,116	37,402	685	26,313	553	38,298	253	37,156	45	14,899	4	2,258	7,123	1,70,987	971	23,016	8,094	1,94,003	
4 Sirwel...	2,531	20,270	2,092	36,515	759	26,644	439	29,727	195	27,849	41	14,229	3	1,553	6,060	1,56,787	758	20,102	6,818	1,76,889	
Total...	11,968	69,540	8,514	1,50,835	2,821	1,06,258	1,940	1,33,987	894	1,32,366	158	52,776	22	14,386	26,317	6,60,098	3,175	78,291	29,492	7,38,389	

CAMP KUERNOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

H.
STATEMENT showing the Seasons of the different Crops

Dry or wet.	Crop.	Name of crop.	Ploughing season.		Sowing season.		Reaping season.		Threshing season.	
			Telugu months.	English months.	Telugu months.	English months.	Telugu months.	English months.	Telugu months.	English months.
1	2	3	4	5	6	7	8	9	10	11
Dry.	Punasa.	Suzza.	Chaitra.	April.	Ashadha.	July.	Aswija.	October.	Kartika.	November.
		Yellow Jonna.	do.	do.	Jesta.	June.	do.	do.	do.	do.
		Korra.	do.	do.	Ashadha.	July.	do.	do.	do.	do.
		Ragi.	Vaisakha.	May.	Jesta.	June.	Kartika.	November.	Margasira.	December.
		Araga.	do.	do.	do.	do.	Aswija.	October.	Kartika.	November.
		Jingely-oil seed.	Chaitra.	April.	Ashadha.	July.	Margasira.	December.	Pushia.	January.
		Kusamalu.	do.	do.	do.	do.	Pushia.	January.	do.	do.
		Indigo.	Chaitra and Vaisakha.	April and May.	do.	do.	Bhadrapada.	September.	Bhadrapada.	September.
		Cotton.	do.	May.	Jesta.	June.	Paluguna.	March.	Paluguna.	March.
		White Jonna.	Vaisakha.	May.	Bhadrapada and Aswija.	September and October.	do.	do.	Chaitra.	April.
		do.	do.	do.	Bhadrapada.	September.	Pushia.	January.	Magha.	February.
		Black paddy.	do.	do.	Jesta.	June.	Kartika.	November.	Margasira.	December.
		Linseed.	Shavana.	August.	Aswija.	October.	Magha and Pushia.	January and February.	Chaitra and Magha.	April and February.

Bagayat.	.....	Ragi.	Jesta and Bhadrappada.	June and September.	Ashadha and Aswija.	July and October.	Kartika and Magha.	November and February.	Margasira and December and March.
		Maize.	Chaitra and Vaisakha.	April and May.	Vaisakha.	May.	Bhadrapada.	September.	Aswija.
		Onion.	Bhadrapada.	September.	Aswija.	October.	Paluguna.	March.	Paluguna and March and April.
		Garlic.	do.	do.	do.	do.	do.	do.	do.
		Chillies.	Jesta.	June.	Ashadha.	July.	Kartika and Margasira.	November and December.	December.
		Tobacco.	do.	do.	do.	August.	Jesta.	January.	February.
		Sweet Potatoes.	Shavana and Bhadrappada.	August and September.	Bhadrapada and Aswija.	September and October.	Magha and Phaluguna.	February and March.	February and March.
		White paddy.	Ashadha.	July.	Shavana.	August.	Margasira and December and Pushia.	January.	January.
		do.	Jesta.	June.	Ashadha.	July.	Margasira.	December.	do.
		Mokka paddy.	do.	do.	do.	do.	Kartika.	November.	do.
		Sanna Buda.	do.	do.	do.	do.	do.	do.	do.
		Pedda Buda.	do.	do.	do.	do.	do.	do.	do.
		ma.	do.	do.	do.	do.	do.	do.	do.
		ma.	do.	do.	do.	do.	do.	do.	do.
		Summer Bu.	do.	do.	do.	do.	do.	do.	do.
		dama.	Pushia.	January.	Pushia.	January.	Vaisakha.	May.	June.
		Paddy.	do.	do.	do.	do.	Chaitra.	April.	May.
		Sugar-cane.	Chaitra.	April.	Jesta.	June.	Magha.	February.	February.
		Saffron.	do.	do.	do.	do.	do.	do.	March.

CAMP KURNOOL,
4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

I.

STATEMENT showing the extent of Cultivation under Tanks.

Taluku.	Ayacut.				Cultivation of Fasal 1270.					
	No. of Tanks.	Government land.	Sist.	Inam land.	Total land.	Government land.	Sist.	Faslijasti.	Inam land.	Total land.
1	2	3	4	5	6	7	8	9	10	11
Tanks having an Ayacut (including Inams) below 25 Acres.										
No.		A. C.	Rs. A. P.	A. C.	A. C.	A. C.	Rs. A. P.	Rs. A. P.	A. C.	A. C.
1 Ramalakota	12	107 75	417 12 5	35 88	143 83	82 55	356 10 5	...	28 0	110 55
2 Nandikotkur	10	94 34	463 4 2	25 46	119 80	86 92	455 15 2	...	12 16	99 8
3 Nandial	18	179 2	744 14 2	62 91	241 93	144 85	581 9 4	...	53 17	198 2
4 Sirwel	2	29 0	216 0 9	20 0	49 0	29 0	216 0 0	...	16 0	45 0
Total ...	42	410 31	1,941 14 9	144 25	554 56	343 32	1,610 2 11	...	109 33	452 65
From 25 to 50 Acres.										
1 Ramalakota	6	117 5	845 1 11	107 3	224 8	104 10	815 1 11	86 0 0	48 72	152 82
2 Nandikotkur	8	261 88	871 3 0	24 21	286 9	201 13	833 0 7	...	19 15	220 28
3 Nandial	9	227 81	1,317 9 8	108 21	336 2	118 3	1,241 2 7	...	99 7	217 10
4 Sirwel	8	171 0	1,264 0 0	111 0	282 0	169 0	1,264 0 0	...	104 0	273 0
Total ...	31	777 74	4,297 14 7	350 45	1,128 19	592 26	4,153 5 1	86 0 0	270 94	863 20
From 50 to 75 Acres.										
1 Ramalakota	9	273 30	2,184 11 7	259 65	532 95	244 50	1,741 12 1	...	115 2	359 52
2 Nandikotkur	3	154 82	360 4 11	34 60	189 42	99 82	260 4 11	...	31 67	131 49
3 Nandial	2	67 42	357 7 9	81 36	148 78	65 95	350 15 4	...	81 36	147 31
4 Sirwel	7	257 0	2,296 0 0	218 0	475 0	246 0	2,226 0 0	...	211 0	457 0
Total ...	21	752 54	5,198 8 3	593 61	1,346 15	656 27	4,579 0 4	...	439 5	1,095 32
From 75 to 100 Acres.										
1 Ramalakota	...	...	...	...	...	...	...	...	...	...
2 Nandikotkur	3	170 14	1,137 3 2	99 1	269 15	110 46	792 14 0	...	72 87	183 33
3 Nandial	4	216 21	730 14 6	109 45	325 66	178 98	692 10 8	...	87 97	266 95
4 Sirwel	1	46 0	98 0 0	45 0	91 0	25 0	83 0 0	...	41 0	66 0
Total ...	8	432 35	1,966 1 8	253 46	685 81	314 44	1,568 8 8	...	201 84	516 28
From 100 to 200 Acres.										
1 Ramalakota	6	452 92	2,008 9 4	352 0	804 92	299 82	1,946 10 4	...	210 0	209 82
2 Nandikotkur	4	417 82	1,281 7 9	208 64	626 46	239 77	1,094 1 9	...	180 11	419 88
3 Nandial	12	881 88	7,661 15 8	891 16	1,773 4	787 88	6,908 4 7	112 8 4	841 84	1,629 72
4 Sirwel	4	224 0	1,778 0 0	382 3	606 0	186 0	1,688 0 0	...	277 0	463 0
Total ...	26	1,976 62	12,730 0 9	1,833 80	3,810 42	1,513 47	11,637 0 8	112 8 4	1,508 95	3,022 42
From 200 to 300 Acres.										
1 Ramalakota	2	275 0	2,727 0 0	210 0	485 0	242 0	2,725 0 0	1,377 0 0	196 0	438 0
2 Nandikotkur	4	728 20	1,641 6 2	281 54	1,009 74	351 3	1,402 14 1	...	240 96	591 99
3 Nandial	2	206 46	2,764 8 5	219 80	426 26	205 55	2,755 1 5	...	218 30	423 85
4 Sirwel	6	763 0	6,511 0 0	717 0	1,480 0	639 0	6,143 0 0	114 0 0	648 0	1,287 0
Total ...	14	1,972 66	13,643 14 7	1,428 34	3,401 0	1,437 58	13,025 15 6	1,491 0 0	1,303 26	2,740 84
From 300 to 400 Acres.										
1 Ramalakota	...	...	...	...	...	...	...	...	...	...
2 Nandikotkur	2	448 43	1,952 4 1	379 4	827 47	403 31	1,890 7 6	...	377 20	780 51
3 Nandial	...	...	...	...	...	...	...	...	...	...
4 Sirwel	1	101 0	1,862 0 0	220 0	321 0	99 0	1,814 0 0	17 0 0	220 0	319 0
Total ...	3	549 43	3,814 4 1	599 4	1,148 47	502 31	3,704 7 6	17 0 0	597 20	1,099 51
From 400 to 500 Acres.										
1 Ramalakota	...	...	...	...	...	...	...	...	...	...
2 Nandikotkur	3	734 49	1,643 12 11	492 94	1,227 43	281 78	1,441 12 2	...	288 6	569 84
3 Nandial	2	554 93	6,597 2 7	344 31	899 24	550 17	6,593 15 6	2,637 4 3	338 70	888 87
4 Sirwel	...	...	...	...	...	...	...	...	...	...
Total ...	5	1,289 42	8,240 15 6	837 25	2,126 67	831 95	8,035 11 8	2,637 4 3	626 76	1,458 71

Statement showing the extent of Cultivation under Tanks. — (Continued.)

Taluks.	Ayacut.					Cultivation of Fasi 1270.				
	Government land.		Inam land.		Total land.	Government land.		Inam land.		Total land.
	No. of Tanks.	Sist.	No.	Sist.		Sist.	Fasiljasti.	Sist.	Fasiljasti.	
1	2	3	4	5	6	7	8	9	10	11
	No.	A. C.	Rs. A. P.	A. C.	A. C.	A. C.	Rs. A. P.	Rs. A. P.	A. C.	A. C.
From 500 to 600 Acres.										
1 Ramalakota.....	1	332 11	1,591 3 5	253 92	586 3	157 46	1,270 13 5	62 12 3	240 83	398 29
2 Nandikotkur.....	...	...	...	...	...	...	...	...	...	...
3 Nandial.....	...	...	...	...	...	...	...	...	...	...
4 Sirwel.....	...	...	...	...	...	...	...	...	...	...
Total.....	1	332 11	1,591 3 5	253 92	586 3	157 46	1,270 13 5	62 12 3	240 83	398 29
From 600 to 700 Acres.										
1 Ramalakota.....	1	380 11	2,579 10 11	274 55	654 66	241 52	2,106 9 6	...	264 30	505 82
2 Nandikotkur.....	...	...	...	...	...	...	...	...	...	...
3 Nandial.....	...	...	...	...	...	...	...	...	...	...
4 Sirwel.....	...	...	...	...	...	...	...	...	...	...
Total.....	1	380 11	2,579 10 11	274 55	654 66	241 52	2,106 9 6	...	264 30	505 82
Total.										
1 Ramalakota.....	35	1,226 22	8,183 3 3	964 56	2,190 78	972 97	7,585 2 9	1,463 0 0	597 74	1,570 71
2 Nandikotkur.....	39	3,722 34	13,521 12 6	2,073 91	5,796 25	2,173 20	11,548 13 1	62 12 3	1,727 31	3,900 51
3 Nandial.....	49	2,333 73	20,174 8 9	1,817 20	4,150 93	2,051 41	19,123 11 5	2,749 12 7	1,720 41	3,771 82
4 Sirwel.....	29	1,591 0	14,025 0 0	1,713 0	3,304 0	1,393 0	13,434 0 0	131 0 0	1,517 0	2,910 0
Grand Total....	152	8,873 29	55,904 8 6	6,568 67	15,441 96	6,590 58	51,691 11 3	4,406 8 10	5,562 46	12,153 4

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

J.
STATEMENT showing the Ayacut and Cultivation under Channels in Fasi 1270, in Kurnool Proper.

Taluks.	Ayacut.					Cultivation.				
	Government.		Inam.		Total.	Government.		Inam.		Total.
	Land.	Sist.	Land.	Sist.		Land.	Sist.	Land.	Sist.	
1	4	5	6	7	8	9	10	11	12	13
	Number of villages.	Number of channels, &c.	A. C.	Rs. A. P.	A. C.	A. C.	Rs. A. P.	A. C.	Rs. A. P.	Rs. A. P.
1. Ramalakota...	16	19	739 44	4,693 6 3	356 28	1,095 72	4,693 6 3	267 37	900 70	4,804 9 5
2. Nandikotkur.	10	10	232 72	1,749 10 1	104 59	337 31	1,749 10 1	95 61	297 96	1,686 10 3
3. Nandial.....	21	22	819 36	9,361 7 6	423 80	1,242 66	9,361 7 6	380 98	1,121 66	8,726 9 9
4. Sirwel.....	6	6	307 72	3,747 12 6	240 35	548 7	3,747 12 6	224 21	482 70	3,174 0 4
Total...	53	57	2,099 24	19,552 4 4	1,124 52	3,223 76	19,552 4 4	968 17	2,803 2	17,791 13 9
						1,834 85				1,201 9 0

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

11.

STATEMENT showing the *Ayakut* and *Cultivation* under *Wells*, for *Fasli* 1270, in *Kurnool Proper*.

Taluk.	Number of villages.	Ayacut.										Cultivation.										Wells, without cultivation.										
		Number of wells.				Government.			Inam.			Total.				Government.			Inam.				Total.				Fasli-jasti.					
		Land.		Sist.	No.	A. C.	Rs.	A. P.	A. C.	C.	A.	Rs.	A. P.	A. C.	Land.	Sist.	No.	A. C.	Rs.	A. P.	A. C.		Land.	Sist.	No.	A. C.		Rs.	A. P.			
		Land.	Sist.																											Land.	Sist.	Land.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	No.	A. C.	P.	Rs.	A.	P.	Rs.	A.	P.	No.	A. C.	P.	Rs.	A.	P.		
1. Ramalakota.	58	266	1,060	2	4,255	6	7	207	77	1,267	79	4,255	6	7	832	49	3,533	0	10	138	42	970	91	3,533	0	10	209	12	6	7	23	21
2. Nandikolkur.	70	459	1,381	25	10,474	10	1	467	17	1,848	42	10,474	10	1	1,346	21	10,183	11	1	453	78	1,799	99	10,183	11	1	9	11	3	7	10	59
3. Nandial...	37	187	507	35	3,425	12	10	148	29	635	64	3,425	12	10	453	22	3,066	6	0	147	7	600	29	3,066	6	0	...	...	3	0	43	
4. Sirwel...	60	319	1,386	50	12,343	14	6	344	87	1,731	37	12,343	14	6	1,302	97	11,732	5	2	333	4	1,636	11	11,732	5	2	...	...	...	...	...	
Total...	225	1,231	4,335	12	30,499	12	0	1,168	10	5,503	22	30,499	12	0	3,934	89	28,515	7	1	1,072	31	5,007	20	28,515	7	1	219	7	9	17	34	23

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

MAP showing the general contour of the extent of land in *Kurnool Proper* to be irrigated by the *Madras Irrigation and Canal Company's Works* as far as *Nundial*.
(Stitched at the end.)

L 1.

STATEMENT giving a rough estimate of Land irrigable by the *Irrigation Company's Canal* in *Kurnool Proper*.

L 2.

Divisions.	Irrigable land situated between the Canal and the Tumbudra and Bavanasi on one side, and the Canal and Kunder on the other side.				Irrigable land situated beyond those limits.				Total.				
	Government land.		Inam land.		Government land.		Inam land.		Government land.		Inam land.		
	Number of villages.	Acres.	Cent.	Acres.	Cent.	Acres.	Cent.	Acres.	Cent.	Acres.	Cent.	Acres.	
From Sunkesala to Nagatur...	16	5,112	0	3,827	0	...	...	...	...	16	5,112	0	8,939
From Nagatur to Mittakandala...	20	24,779	2	14,217	79	6	19,556	69	7,730	26	44,335	71	66,283
From Mittakandala to Nundial Tank.	37	54,168	4	31,128	98	2	8,624	22	2,338	39	62,792	26	96,260
Total...	73	84,059	6	49,173	77	8	28,180	91	10,069	81	1,12,239	97	1,71,483
From Nundial Tank to the limits of that taluk ...	10	9,622	1	7,074	14	...	...	...	...	10	9,622	1	16,696
Total...	83	93,681	7	56,247	91	8	28,180	91	10,069	91	1,21,861	98	1,88,179
In the Sirwel taluk.	...	...	...	...	...	...	...	...	...	85	1,31,938	0	2,23,622
Grand Total...	...	...	...	...	...	...	...	...	...	176	2,53,799	98	4,11,801

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

M 1.

SKETCH MAP of Kurnool Proper showing in outline the Classes of villages.
(Stitched at the end.)

M 2.

STATEMENT showing the area of each Class of Soil according to the Classification in the 1st Class villages distinguishing Government and Inam land in Kurnool Proper.

Class.	Sort.	Ramalakota.		Nandikotkur.		Nandial.		Sirwel.		Total.	
		Seri.	Inam.	Seri.	Inam.	Seri.	Inam.	Seri.	Inam.	Seri.	Inam.
1	2	3	4	5	6	7	8	9	10	11	12
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
II.	i...	64	14	1,279	297	383	81	1,192	216	2,918	638
III.	i...	881	11	10,150	3,576	12,647	6,684	8,639	3,481	32,337	13,752
	ii...	7,938	3,662	40,335	22,604	32,804	26,014	41,658	23,954	1,22,735	91,234
	iii...	16,359	12,603	32,529	24,251	21,715	16,935	14,762	11,218	85,365	65,005
	iv...	2,100	1,607	7,694	3,568	2,385	2,034	1,298	974	13,477	8,183
	Total...	27,278	17,883	90,708	63,999	69,551	51,665	66,377	44,627	2,53,914	1,78,174
IV.	i...	705	243	6,807	5,117	5,738	5,655	9,116	7,390	22,366	18,405
	ii...	2,111	1,909	29,628	15,827	11,591	9,278	21,560	18,298	64,890	45,312
	iii...	3,600	3,690	38,647	11,574	8,401	3,919	15,058	8,923	65,706	28,106
	Total...	6,416	5,842	75,082	32,518	25,730	8,852	45,731	34,611	1,52,962	91,823
V.	i...	49	28	1,282	637	1,120	1,321	2,341	1,851	4,792	3,837
	ii...	1,243	1,551	2,342	543	1,731	579	4,944	3,989	10,260	6,662
	iii...	3,041	748	5,712	461	424	55	4,323	1,914	13,510	3,178
	Total...	4,333	2,327	9,336	1,641	3,285	1,955	11,608	7,754	28,562	13,677
VI.	i...	.....	.....	91	164	.....	.....	14	44	105	208
	ii...	.....	.....	227	228	.....	.....	48	132	275	360
	Total...	.....	.....	318	392	.....	.....	62	176	380	568
VII.	i...	57	37	3,092	1,664	44	33	2,394	2,118	5,587	3,852
	ii...	502	419	18,085	4,962	392	212	2,604	1,058	21,581	6,681
	Total...	559	456	21,177	6,626	436	275	4,998	3,176	27,168	10,533
VIII.	i...	.....	.....	315	118	.....	.....	892	414	1,207	532
	ii...	613	304	12,564	2,432	155	8	1,075	680	14,407	3,424
	Total...	613	304	12,879	2,550	155	8	1,967	1,094	15,614	3,956
Grand Total.		39,263	26,826	2,10,777	1,08,023	99,540	72,836	1,31,938	91,684	4,81,518	2,99,369

CAMP KURNOOL,
4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

M 3.

STATEMENT showing the area of each Class of Soil according to the Classification in the 2nd Class villages distinguishing Government and Inam land in Kurnool Proper.

Class.	Sort.	Ramalakota.		Nandial.		Total.	
		Seri.	Inam.	Seri.	Inam.	Seri.	Inam.
1	2	3	4	5	6	7	8
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
II.	i...	334	147	233	119	567	266
III.	i...	3,389	1,214	1,293	637	4,682	1,851
	ii...	25,744	20,043	4,687	5,087	30,431	25,130
	iii...	35,036	25,474	3,020	3,226	38,056	28,700
	iv...	9,487	6,487	660	397	10,147	6,884
	Total...	73,656	53,218	9,660	9,347	83,316	62,565
IV.	i...	6,374	3,442	1,131	667	7,505	4,109
	ii...	16,822	13,982	3,358	2,510	20,180	16,492
	iii...	23,539	16,246	8,012	3,575	31,551	19,821
	Total...	46,735	33,670	12,511	7,652	59,236	40,422
V.	i...	1,474	855	342	299	1,816	1,154
	ii...	9,728	6,650	832	586	10,560	7,236
	iii...	10,053	4,429	1,902	675	11,955	5,104
	Total...	21,255	11,934	3,076	1,560	24,331	13,494
VI.	i...	7	7	30	45	37	52
	ii...	335	149	164	52	499	201
	Total...	342	156	194	97	536	253
VII.	i...	4,184	2,826	1,465	703	5,649	3,529
	ii...	13,576	9,719	2,715	845	16,291	10,564
	Total...	17,760	12,545	4,180	1,548	21,940	14,093
VIII.	i...	1,240	734	625	309	1,865	1,043
	ii...	10,899	5,212	5,021	2,618	15,920	7,820
	Total...	12,139	5,946	5,646	2,927	17,785	8,873
Grand Total...		1,72,221	1,17,616	35,490	22,350	2,07,711	1,39,966

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

M 4.
ABSTRACT of the Statements *M. 2* and *3*.

Series.	Ramalakota.		Nandikotkur.		Nandial.		Sirwel.		Total.	
	Area.	Per centage.	Area.	Per centage.	Area.	Per centage.	Area.	Per centage.	Area.	Per centage.
1	2	3	4	5	6	7	8	9	10	11
Permanently improved Garden land.....	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Regar.....	559	...	1,576	...	816	...	1,438	1	4,389	3
Mixed and Sandy Regar.....	1,72,035	48	1,54,707	50	1,40,223	61	1,11,004	50	5,77,969	49
Lal.....	1,32,512	37	1,18,577	37	73,711	32	99,707	44	4,24,507	37
	50,820	15	43,940	13	15,466	7	11,473	5	1,21,699	11
Grand Total.....	3,55,926	100	3,18,890	100	2,30,216	100	2,23,622	100	11,28,564	100

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

M 5.

SKETCH MAP of Kurnool Proper showing the description of Soil according to the Classification.
(Stitched at the end.)

N
STATEMENT showing the extent of different Crops cultivated and their proportion in Fasl 1265 in Kurnool Proper.

Crops.	Ramalakota.		Nandikotkur.		Nandial.		Sirwel.		Total.	
	Extent of land.	Per cent- age.	Extent of land.	Per cent- age.	Extent of land.	Per cent- age.	Extent of land.	Per cent- age.	Extent of land.	Per cent- age.
1	2	3	4	5	6	7	8	9	10	11
White Jonna... ..	Acres.	A. C.	Acres.	A. C.	Acres.	A. C.	Acres.	A. C.	Acres.	A. C.
Yellow do... ..	51,521	36 42	30,221	43 96	44,206	43 12	36,127	33 82	1,62,055	38 63
Korra	45,389	32 8	9,950	14 49	16,576	16 17	8,685	8 13	80,600	19 21
Araga... ..	8,548	6 5	12,277	17 88	7,860	7 67	5,043	4 72	33,728	8 4
Cotton... ..	2,884	2 4	3,672	5 34	5,352	5 22	15,073	14 11	26,981	6 43
Indigo... ..	6,726	4 74	2,880	4 20	11,557	11 27	30,373	28 44	51,536	12 29
Horsegram... ..	66	0 4	262	0 38	1,505	1 47	1,873	1 73	3,707	0 89
	4,488	3 18	3,587	5 22	5,224	5 9	4,768	4 46	18,066	4 30
Total..	1,19,622	84 55	62,829	91 47	92,280	90 1	1,01,942	95 41	3,76,673	89 79
Other crops.....	21,860	15 45	5,855	8 53	10,238	9 99	4,869	4 56	42,822	10 21
Grand Total...	1,41,482	100 0	68,684	100 0	1,02,518	100 0	1,06,811	100 0	4,19,495	100 0

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

STATEMENT showing the Grain values proposed and those

Description of Soils.	Class and Sort.	Estimated dry produce						
		Jonna.						Now proposed.
		As per Tahsildar.	As per Villagers.	As per Kyles made in Mr. Bayley's time.	As per Settlement Officers.	Proposed by Mr. Bayley.	As per Table first proposed by Deputy Director.	
1	2	3	4	5	6	7	8	9
Improved Garden land	II i	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.
Regada, very best with vandat.	III i	342	360	226	180	360	360	360
Good	ii	280	280	132	131	330	280	280
Inferior.....	iii	900	200	62	97	200	200	200
Very inferior.....	iv	240	160	...	...	{150}	120	120
Masub, Good.....	IV i	...	...	212	229	270	280	280
Ordinary	ii	229	...	172	111	200	200	200
Bad.....	iii	283	...	65	116	{150}	120	120
Sandy Masub, Good.....	V i	...	...	...	183	200	200	200
Ordinary.....	ii	...	...	...	...	{150}	120	120
Bad.	iii	...	...	...	...	{80}	60	80
Lal, Good.....	VI i	...	...	183	...	200	280	...
Bad.....	ii	...	...	70	...	{120}	200	...
Do. Loamy. Good.....	VII i	288	...	70	156	100	...	...
Bad.....	ii	...	...	...	110	80	120	...
Do. Sandy. Good.....	VIII i	...	...	...	...	60	...	...
Bad.....	ii	...	...	...	...	50	60	...

REMARK.—In the 2nd Class villages the following reductions have been

1

derived from different sources in Kurnool Proper.

per acre.							Estimated wet produce per acre.						
Araga.													
As per Tahsildar.	As per Villagers.	As per Kyles made in Mr. Bayley's time.	As per Settlement Officers.	Proposed by Mr. Bayley.	As per Table first proposed by Deputy Director.	Now proposed.	As per Tahsildar.	As per Villagers.	As per Kyles made in Mr. Bayley's time.	As per Settlement Officers.	Proposed by Mr. Bayley.	As per Table first proposed by Deputy Director.	Now proposed.
10	11	12	13	14	15	16	17	18	19	20	21	22	23
M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.	M. M.
...	...	...	...	...	...	...	...	...	...	669	...	1,200	1,200
...	...	...	...	...	...	...	630	1,200	760	1,156	1,200	1,000	1,000
...	...	...	...	...	...	...	600	800	652	782	1,000	800	800
...	...	...	...	...	...	...	900	600	324	...	800	600	600
...	...	...	...	...	...	...	720	...	...	...	600	400	400
...	...	...	...	...	...	...	...	...	...	814	800	1,100	1,100
...	...	...	...	...	...	...	...	...	...	474	700	900	900
285	240	...	...	None.	None.	...	...	...	...	...	400	700	600
...	...	...	...	...	...	...	...	...	...	...	{300}	900	800
...	...	...	...	...	...	...	...	...	...	...	200	...	...
...	...	...	...	...	...	...	...	...	...	...	...	700	600
...	...	...	...	...	...	...	...	...	...	...	...	400	400
...	...	...	...	...	...	...	...	...	...	...	...	800	800
...	...	...	...	...	...	...	320	...	...	...	...	...	...
285	240	...	...	...	...	...	210	...	...	...	...	600	600
...	...	...	...	...	...	...	...	...	...	...	...	400	600
...	...	...	...	...	...	...	...	...	...	...	...	240	450
...	...	...	...	...	...	...	160	...	...	...	...	...	450
...	...	...	...	...	...	...	80	...	...	...	...	...	300

made in the Grain values as given for the 1st Class villages :—

- II. i. 480 to 440
- III. i. 360 to 320
- ii. 280 to 240
- iii. 200 to 180
- IV. i. 280 to 240
- ii. 200 to 180
- VI. i. 200 to 180

F. W. MORRIS,
Deputy Director of Revenue Settlement.

CAMP KURNOOL, 4th July 1863.

2

Statement of Kyles made on one acre of land by the

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

R. 1.

STATEMENT showing the gross and net value, half of the net and 30 per cent. of the gross on the Dry land in the 1st Class villages in Kurnool Proper.

Class.	Sort.	Crops.	Out-turn per Acre.	Value per Garce of 3,200 Madras Measures.	Value of the out-turn.	Deduct 1/4th on account of agricultural risks.	Remaining gross value.	Deduct expenses for cultivation.	Net value.	Half of the net value.	Add on account of Road Fund and Fees to village servants at 8-17 per cent.	Total of Columns 11 and 12.	30 per cent. of the gross value.	Proposed rates.
I	II													
II	I													
III	I													
IV	I													
V	I													
VI	I													
VII	I													
VIII	I													

CAMP KURN00L, 4th July 1863.

F. W. MORRIS,

Deputy Director of Revenue Settlement.

R. 2.

STATEMENT showing the gross and net value, half of the net and 30 per cent. of the gross on the Dry land in the 2nd Class villages in Kurnool Proper.

Class.	Sort.	Crops.	Out-turn per acre.	Value per Garce of 3,200 Madras Measures.	Value of the out-turn.	Deduct 1/4th on account of agricultural risks.	Remaining gross value.	Deduct expenses for cultivation.	Net value.	Half of the net value.	Add on account of Road Fund and Fees to village servants at Rupees 8-17 per cent.	Total of Columns 11 and 12.	30 per cent. of the gross value.	Proposed rates.
I	II													
II	I													
III	I													
IV	I													
V	I													
VI	I													
VII	I													
VIII	I													

CAMP KURN00L, 4th July 1863.

F. W. MORRIS,

Deputy Director of Revenue Settlement.

STATEMENT showing the gross and net value, half of the gross on the Wet land in Kurnool Proper.

Class.	Sort.	Crop.	Out-turn per acre.	Value per Garce of 3,200 Madras Measures.	Value of the out-turn.	Deduct 1/3th on account of agri-cultural risks.	Remaining Gross Value.	Deduct expenses for cultivation.	Net value.	Half of the net value.	Add on account of Road Fund and Fees to village servants Rs. 8-17 per cent.	Total of Columns 11 and 12.	30 per cent. of gross value.	Proposed rates.
I			3	4	5	6	7	8	9	10	11	12	13	14
II	White Paddy.		M. M.											
III			1,200											
IV			1,000											
V			800											
VI			600											
VII			400											
VIII			300											

CAMP KURNOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

STATEMENT showing the extent of land placed under Class II, and the effect of changing it to Class III i and IV i.

Taluks.	Sources of Irrigation.	Bagayat.			Wet.			Total.		
		1st Class.	2nd Class.	Total.	1st Class.	2nd Class.	Total.	1st Class.	2nd Class.	Total.
1	2	3	4	5	6	7	8	9	10	11
Ramalakota.....	Under wells... ..	64	144	208	...	16	16	64	160	224
	Do. other sources of Irrigation... ..	...	70	70	...	98	98	...	168	168
	Total...	64	214	278	...	114	114	64	328	392
Nandikotkur. ...	Under wells... ..	1,141	...	1,141	12	...	12	1,153	...	1,153
	Do. other sources of Irrigation... ..	11	...	11	68	...	68	79	...	79
	Total...	1,152	...	1,152	80	...	80	1,232	...	1,232
Nandial... ..	Under wells... ..	217	134	351	...	...	...	217	134	351
	Do. other sources of Irrigation... ..	120	69	189	32	23	55	152	92	244
	Total...	337	203	540	32	23	55	369	226	595
Sirwel... ..	Under wells... ..	1,118	...	1,118	8	...	8	1,126	...	1,126
	Do. other sources of Irrigation... ..	12	...	12	44	...	44	56	...	56
	Total...	1,130	...	1,130	52	...	52	1,182	...	1,182
Total...	Under wells... ..	2,540	278	2,818	20	16	36	2,560	294	2,854
	Do. other sources of Irrigation... ..	143	139	282	144	121	265	287	260	547
	Grand Total...	2,683	417	3,100	164	137	301	2,847	554	3,401

Statement showing the extent of land placed under

Taluku.	Sources of Irrigation.	Assessment.						Description of Column No. 11.	
		On Garden land.		On Wet land.		Total.		Fit to go under III. i.	Fit to go under IV. i.
		12		13		14		15	16
Ramalakota.....	Under wells... ..	1,664	0	128	0	1,792	0	12	212
	Do. other sources of								
	Irrigation.....	560	0	784	0	1,344	0	39	129
	Total..	2,224	0	912	0	3,136	0	51	341
Nandikotkur..	Under wells... ..	9,128	0	96	0	9,224	0	726	427
	Do. other sources of								
	Irrigation.....	88	0	544	0	632	0	65	14
	Total..	9,216	0	640	0	9,856	0	791	441
Nandial... ..	Under wells	2,808	0	0	0	2,808	0	289	62
	Do. other sources of								
	Irrigation.....	1,512	0	440	0	1,952	0	183	61
	Total..	4,320	0	440	0	4,760	0	472	123
Sirwel... ..	Under wells... ..	8,944	0	64	0	9,008	0	738	388
	Do. other sources of								
	Irrigation.....	96	0	352	0	448	0	3	53
	Total..	9,040	0	416	0	9,456	0	741	441
Total.....	Under wells... ..	22,544	0	288	0	22,832	0	1,765	1,089
	Do. other sources of								
	Irrigation... ..	2,256	0	2,120	0	4,376	0	290	257
	Grand Total...	24,800	0	2,408	0	27,208	0	2,055	1,346

CAMP KURNOOL, 4th July 1863.

Class II, and the effect of changing it to Class III i and IV i.—(Continued.)

Assessment according to wet rates.			3 Rupees water rate and dry rate on land under wells and consolidated wet rate on land under other sources.			Details of Column 15.		Details of Column 16.	
At Rs. 6-8-0 per acre of III. i.	At Rupees 7 per acre of IV. i.	Total	Assessment on Bagayat.	Wet assessment.	Total.	1st Class.	2nd Class.	1st Class.	2nd Class.
17	18	19	20	21	22	23	24	25	26
78 0	1,484 0	1,562 0	1,280 0	96 0	1,376 0	7	5	58	154
253 8	903 0	1,156 8	560 0	781 0	1,344 0	...	39	...	129
331 8	2,387 0	2,718 8	1,840 0	880 4	2,720 0				
4,719 0	2,989 0	7,708 0	7,416 8	78 0	7,494 8	726	...	427	...
422 8	98 0	520 8	88 0	544 0	632 0	65	...	14	...
5,141 8	3,087 0	8,228 8	7,504 8	622 0	8,126 8				
1,878 8	434 0	2,312 8	2,214 8	0 0	2,214 8	204	85	13	49
1,189 8	427 0	1,616 8	1,512 0	440 0	1,952 0	92	91	61	...
3,068 0	861 0	3,929 0	3,726 8	440 0	4,166 8				
4,797 0	2,716 0	7,513 0	7,267 0	52 0	7,319 0	738	...	388	...
19 8	371 0	390 8	96 0	352 0	448 0	3	...	53	...
4,816 8	3,087 0	7,903 8	7,363 0	404 0	7,767 0				
11,472 8	7,623 0	19,095 8	18,178 0	226 0	18,404 0	1,675	90	886	203
1,885 0	1,799 0	3,684 0	2,253 0	2,120 0	4,376 0	160	130	128	129
13,357 8	9,422 0	22,779 8	20,434 0	2,346 0	22,780 0	1,835	220	1,014	332

F. W. MORRIS,
Deputy Director of Revenue Settlement.

T.

Comparative Statement of the Survey and Kurnums' areas in Karnool Proper.

Villages.	Occupied Seri Land including Inams.		Increase.	Decrease.	Per centage.	Remarks.
	Kurnums' areas.	Survey areas.				
1	2	3	4	5	6	7
1 Gogulapadu ...	Acres. 2,512	Acres. 2,475	Acres. ...	Acres. 37	Acres. 1	Ramalakota Taluk.
2 Basavapuram...	3,671	4,083	409	...	11	
3 Yedururu...	1,218	1,721	473	...	38	
4 Konatalapadu...	2,335	2,674	339	...	15	
5 Sunkesula...	1,028	1,112	81	...	13	
6 Kottakota...	2,455	3,038	583	...	24	
7 Markapuram...	2,000	2,218	218	...	11	
8 Budidepadu...	1,838	2,299	461	...	25	
9 Nidujuru...	1,850	2,107	557	...	30	
10 Kallur...	7,382	7,204	...	178	15	
11 Gondiparala...	1,479	1,999	520	...	35	
12 Devamada...	819	1,197	378	...	46	
13 Jaharapuram...	1,255	899	...	356	28	
14 Pandipadu...	1,130	1,326	196	...	19	
15 Munagalapadu...	1,822	2,081	262	...	11	
16 Mamidalapadu...	1,371	1,621	247	...	12	
17 Tandrapadu...	1,156	1,388	232	...	21	
18 Punchalingala...	3,319	3,658	309	...	9	
19 Salakapuram...	1,844	1,989	145	...	8	
20 Penchakalapadu...	1,714	1,770	56	...	3	
21 Parala...	7,911	8,388	477	...	6	
22 Remada...	6,332	6,821	489	...	8	
23 Kurabanagalapuram...	1,736	1,897	161	...	9	
24 Maddigatta...	1,139	1,231	92	...	8	Nandikotkur Taluk.
25 Mallila...	1,901	2,001	100	...	5	
Total...	61,283	67,500	6,788	571	10.145	

CAMP KURNOOL,
4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

U.

FINANCIAL results on the Dry lands in Karnool Proper.

Class and Sort.		1st Class Villages.												
		Rate per Acre.	Area.			Assessment.								
			Occupied.	Unoccupied.	Total.	On occupied land.		On unoccupied land.		Total.		Average per acre on occupied land.		
1	2	3	4	5	6		7		8		9			
		Acres.	Acres.	Acres.	Rs.	A	Rs.	A.	Rs.	A.	Rs.	A.	P.	
III	i	2 8	29,961	610	30,571	74,902	8	1,525	0	76,427	8	...	...	...
	ii	1 8	1,19,558	2,441	1,22,002	1,79,337	0	3,666	0	1,83,003	0	..	...	...
	iii	1 0	79,465	5,666	85,131	79,465	0	5,666	0	85,131	0	...	...	...
	iv	0 8	9,489	3,974	13,463	4,714	8	1,987	0	6,731	8	...	...	...
			2,38,473	12,694	2,51,167	3,38,449	0	12,844	0	3,51,293	0	1	6	1
IV	i	1 8	18,245	1,546	19,791	27,367	8	2,319	0	29,686	8	...	...	...
	ii	1 0	51,626	12,078	63,704	51,626	0	12,078	0	63,704	0	...	...	...
	iii	0 8	42,435	22,745	65,180	21,217	8	11,372	8	32,590	0	...	...	...
V	i	1 0	3,386	1,100	4,486	3,386	0	1,100	0	4,486	0	...	...	...
	ii	0 8	6,735	3,415	10,150	3,367	8	1,707	8	5,075	0	...	...	...
	iii	0 4	6,402	7,108	13,510	1,600	8	1,777	0	3,377	8	..	...	...
			1,28,829	47,992	1,76,821	1,08,565	0	30,354	0	1,38,919	0	0	13	6
VI	i	1 0	105	...	105	105	0	...	..	105	0	...	...	...
	ii	0 12	218	57	275	163	8	42	12	206	4	...	...	...
VII	i	0 12	4,245	1,312	5,587	3,183	12	1,006	8	4,190	4	...	...	...
	ii	0 8	11,516	10,665	21,581	5,758	0	5,032	8	10,790	8	...	...	...
VIII	i	0 8	942	265	1,207	471	0	132	8	603	8	...	..	...
	ii	0 4	7,365	7,042	14,407	1,841	4	1,760	8	3,601	12	...	...	...
			24,391	18,771	43,162	11,522	8	7,974	12	19,497	4	0	7	7
Grand Total...			3,91,693	79,457	4,71,150	4,58,536	8	51,172	12	5,09,709	4	1	2	10

U
Financial Results on the

Class and Sort.		2nd Class Villages.							
		Rate per Acre.	Area.			Assessment.			
			Occupied.	Unoccupied.	Total.	On occupied land.	On unoccupied land.	Total.	Average per Acre on occupied land.
		10	11	12	13	14	15	16	17
			Acres.	Acres.	Acres.	RS. A.	RS. A.	RS. A.	RS. A. P.
III	i 2 0		4,309	48	4,357	8,618 0	96 0	8,714 0	... ..
	ii 1 4		28,743	1,470	30,213	35,928 12	1,837 8	37,766 4	... ..
	iii 0 12		34,980	2,872	37,852	26,235 0	2,154 0	28,389 0	... ..
	iv 0 8		8,371	1,796	10,147	4,185 8	888 0	5,073 8	... ..
IV			76,403	6,166	82,569	71,967 4	4,975 8	79,942 12	0 15 8
	i 1 4		6,335	538	6,873	7,918 12	672 8	8,591 4	... ..
	ii 0 12		17,472	1,928	19,400	13,104 0	1,446 0	14,550 0	... ..
	iii 0 8		20,728	10,423	31,151	10,364 0	5,211 8	15,575 8	... ..
V	i 0 12		1,542	219	1,761	1,156 8	164 4	1,320 12	... ..
	ii 0 8		8,463	2,043	10,506	4,231 8	1,021 8	5,253 0	... ..
	iii 0 4		5,163	6,746	11,909	1,290 12	1,636 8	2,977 4	... ..
			59,703	21,897	81,600	38,065 8	10,202 4	48,267 12	0 10 8
VI	i 1 0		37	...	37	37 0	...	37 0	... ..
	ii 0 12		457	42	499	312 12	31 8	374 4	... ..
VII	i 0 12		5,044	605	5,649	3,783 0	453 12	4,236 12	... ..
	ii 0 8		12,422	3,835	16,257	6,211 0	1,917 8	8,128 8	... ..
VIII	i 0 8		1,548	317	1,865	774 0	158 8	932 8	... ..
	ii 0 4		11,051	4856	15,907	2,762 12	1,214 0	3,976 12	... ..
Grand Total...			30,559	9,655	40,214	13,910 8	3,775 4	17,685 12	0 7 3

CAMP KURNOOL, 4th July 1863.

Dry Lands in Kurnool Proper.—(Continued.)

Area.		Total.					
		Assessment.			Assessment.		
		Occupied.	Unoccupied.	Total.	On occupied land.	On unoccupied land.	Total.
		18	19	20	21	22	23
		Acres.	Acres.	Acres.	RS. A.	RS. A.	RS. A. P.
		34,270	658	34,928	83,520 8	1,621 0	85,141 8
		1,48,301	3,914	1,52,215	2,15,265 12	5,503 8	2,20,769 4
		1,14,445	8,538	1,22,983	1,05,700 0	7,820 0	1,13,520 0
		17,860	5,750	23,610	8,930 0	2,875 0	11,805 0
		3,14,876	18,860	3,33,736	4,13,416 4	17,819 8	4,31,235 12
		24,580	2,684	26,664	35,286 4	2,991 8	38,277 12
		69,098	14,006	83,104	61,730 0	13,524 0	78,254 0
		63,163	33,168	96,331	31,581 8	16,584 0	48,165 8
		4,928	1,319	6,247	4,542 8	1,264 4	5,806 12
		15,198	5,458	20,656	7,599 0	2,729 0	10,328 0
		11,565	13,851	25,419	2,891 4	3,463 8	6,354 12
		1,88,532	69,889	2,58,421	1,16,630 8	40,556 4	1,87,186 12
		142	...	142	112 0	...	142 0
		675	99	774	506 4	74 4	580 8
		9,289	1,917	11,236	6,966 12	1,460 4	8,427 0
		23,938	13,900	37,838	11,969 0	6,950 0	18,919 0
		2,490	582	3,072	1,245 0	291 0	1,536 0
		18,416	11,898	30,314	4,604 0	2,974 8	7,578 8
		54,950	28,426	83,376	25,433 0	11,750 0	37,183 0
		5,58,358	1,17,175	6,75,533	5,85,479 12	70,125 12	6,55,605 8
							1 0 9
							0 9 7

F. W. MORRIS,
Deputy Director of Revenue Settlement

W

V
FINANCIAL results on the Wet lands
1st Class

Class. Sort.		Under Wells.												Under			
		Rate per acre.		Area.			Assessment.							Rate per acre.	Area.		
				Occupied.	Unoccupied.	Total.	Occupied.	Unoccupied.	Total	Average per acre on occupied land.	Occupied.	Unoccupied.	Total.				
1.	2.	3	4	5	6	7	8	9	10	11	12	13					
		RS. AS.	Acres.	Acres.	Acres.	RS. A.	RS. A	RS. A.	RS. A. P.	RS. A.	Acres.	Acres.	Acres.				
II.	i	6 8	2,560	57	2,617	16,640 0	370 8	17,010 8	... ..	8 0	287	14	301				
III.	i	5 8	196	4	200	1,078 0	22 0	1,100 0	... ..	6 8	1,543	23	1,566				
	ii	4 8	66	19	85	297 0	85 8	382 8	... ..	5 8	588	60	648				
	iii	4 0	22	4	26	88 0	16 0	104 0	... ..	4 8	184	24	208				
	iv	.....	...	...	...	... ..	... ..	... ..	... ..	3 0	11	3	14				
IV.			284	27	311	1,463 0	123 8	1,586 8	5 2 3	...	2,326	110	2,436				
	i	4 8	75	11	86	337 8	49 8	387 0	... ..	7 0	2,279	208	2,487				
	ii	4 0	60	3	63	240 0	12 0	252 0	... ..	6 0	1,026	99	1,125				
	iii	3 8	16	65	81	56 0	227 8	283 8	... ..	5 0	403	42	445				
V.	i	.....	...	...	...	... ..	... ..	... ..	... ..	6 0	249	33	282				
	ii	.....	...	...	...	... ..	... ..	... ..	... ..	4 8	114	20	134				
	iii	.....	...	...	...	... ..	... ..	... ..	... ..	...	...	...	...				
Grand Total.			151	79	230	633 8	289 0	922 8	4 3 1	...	4,071	402	4,473				
Grand Total.			2,995	163	3,158	18,736 8	783 0	19,519 8	6 4 1	...	6,684	526	7,210				

CAMP KURNOOL, 4th July 1863.

1.
in the Kurnool Proper.
Villages.

Tanks, &c.				Total.							
Assessment.				Area.			Assessment.				
Occupied.	Unoccupied.	Total.	Average per acre on occupied land.	Occupied.	Unoccupied.	Total.	Occupied.	Unoccupied.	Total.	Average per acre on occupied land.	
14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	
Rs. A.	Rs. A.	Rs. A.	Rs. A. P.	Acres.	Acres.	Acres.	Rs. A.	Rs. A.	Rs. A.	Rs. A. P.	
2,296 0	112 0	2,408 0	... ..	2,847	71	2,918	18,936 0	482 8	19,418 8	... ..	
10,029 8	149 8	10,179 0	... ..	1,739	27	1,766	11,107 8	171 8	11,279 0	... ..	
3,234 0	330 0	3,564 0	... ..	654	79	733	3,531 0	415 8	3,946 8	... ..	
828 0	108 0	936 0	... ..	206	28	234	916 0	124 0	1,040 0	... ..	
33 0	9 0	42 0	... ..	11	3	14	33 0	9 0	42 0	... ..	
14,124 8	596 8	14,721 0	6 1 2	2,610	137	2,747	15,587 8	720 0	16,307 8	5 15 7	
15,953 0	1,456 0	17,409 0	... ..	2,354	219	2,573	16,290 8	1,505 8	17,796 0	... ..	
6,156 0	594 0	6,750 0	... ..	1,086	102	1,188	6,396 0	606 0	7,002 0	... ..	
2,015 0	210 0	2,225 0	... ..	419	107	526	2,071 0	437 8	2,508 8	... ..	
1,494 0	198 0	1,692 0	... ..	249	33	282	1,494 0	198 0	1,692 0	... ..	
513 0	90 0	603 0	... ..	114	20	134	513 0	90 0	603 0	... ..	
...	...	...		...	...	...	...	...	...		
26,131 0	2,548 0	28,679 0	6 6 9	4,222	481	4,703	26,764 8	2,837 0	29,601 8	6 5 5	
42,551 8	3,256 8	45,808 0	6 5 10	9,679	689	10,368	61,288 0	4,039 8	65,327 8	6 5 4	

F. W. MORRIS,
Deputy Director of Revenue Settlement.

V

FINANCIAL results on the Wet lands in the
2nd Class

Class. Sort.		Rate per Acre.	Under Wells.								Under				
			Area.			Assessment.					Area.				
			Occupied.	Unoccupied.	Total.	Occupied.	Unoccupied.	Total.	Average per acre on occupied land.	Rate per Acre.	Occupied.	Unoccupied.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13			
		s. A.	Acres.	Acres.	Acres.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	Acres.	Acres.	Acres.		
II	i	6 0	294	6	300	1,764 0	36 0	1,800 0	6 0 0	8 0	260	7	267		
III	i	5 0	51	...	51	270 0	...	270 0	...	6 8	266	5	271		
	ii	4 4	65	5	70	276 4	21 4	297 8	...	5 8	121	27	148		
	iii	3 12	44	17	61	165 0	63 12	228 12	...	4 8	94	49	143		
IV	...	...	...	...	...	...	...	...	...	...	...	...	...		
			163	22	185	711 4	85 0	796 4	4 4 5 10	...	481	81	562		
IV	i	4 4	107	11	118	454 12	46 12	501 8	...	7 0	500	14	514		
	ii	3 12	145	18	163	513 12	67 8	611 4	...	6 0	516	70	616		
	iii	3 8	31	25	59	119 9	87 8	206 8	...	5 0	202	139	341		
V	i	3 12	36	...	36	135 0	0 0	135 0	...	6 0	13	6	19		
	ii	3 8	6	...	6	21 0	0 0	21 0	...	4 8	29	16	45		
	iii	3 4	7	21	28	22 12	68 4	91 0	...	3 0	11	10	21		
			335	75	410	1,296 4	270 0	1,566 4	3 13 11	...	1,301	255	1,556		
VII	i	...	...	...	...	...	...	...	...	...	...	...	...		
	ii	...	...	...	...	...	...	...	...	...	...	...	...		
VIII	i	...	...	...	...	...	...	...	...	3 8	...	34	34		
	ii	...	...	...	...	...	...	...	...	2 8	...	11	11		
			...	...	...	...	...	...	...	...	...	48	48		
Total 2nd Class Villages.....			792	103	895	3,771 8	391 0	4,162 8	4 12 2	...	2,012	59	2,433		
Total 1st Class Villages (vide previous Statements.)			2,995	163	3,158	18,736 8	783 0	19,519 8	6 4 1	...	6,684	526	7,210		
Grand Total..			3,787	266	4,053	22,508 0	1,174 0	23,682 0	...	...	8,726	917	9,643		

CAMP KURNOOL, 4th July 1863.

2.

Kurnool Proper.
Villages.

Tanks, &c.										Total.													
Assessment.										Area.			Assessment.										
Occupied.		Unoccupied.		Total.		Average per acre on occupied land.			Occupied.		Unoccupied.		Total.		Occupied.		Unoccupied.		Total.		Average per acre on occupied land.		
14		15		16		17			18		19		20		21		22		23		24		
RS.	A.	RS.	A.	RS.	A.	RS.	A.	P.	Acres.	Acres.	Acres.	RS.	A.	RS.	A.	RS.	A.	RS.	A.	RS.	A.	P.	
2,080	0	56	0	2,136	0	8	0	0	554	13	567	3,844	0	92	0	3,936	0	6	15	0			
1,729	0	32	8	1,761	8	...	...	...	320	5	325	1,999	0	32	8	2,031	8	...	...	...			
665	8	148	8	814	0	...	...	...	186	32	218	941	12	169	12	1,111	8	...	...	...			
423	0	220	8	643	8	...	...	...	138	66	204	588	0	284	4	872	4	...	...	...			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
2,817	8	401	8	3,219	0	5	13	9	614	103	717	3,548	12	486	8	4,015	4	5	7	8			
3,500	0	98	0	3,598	0	...	...	...	607	25	632	3,954	12	144	12	4,099	8	...	...	...			
3,276	0	420	0	3,696	0	...	...	...	691	88	779	3,819	12	487	8	4,307	4	...	...	...			
1,010	0	695	0	1,705	0	...	...	...	236	161	400	1,129	0	782	8	1,911	8	...	...	...			
78	0	36	0	114	0	...	...	...	49	6	55	213	0	36	0	249	0	...	...	...			
130	8	72	0	202	8	...	...	...	35	16	51	151	8	72	0	223	8	...	...	...			
33	0	30	0	63	0	...	...	...	18	31	49	55	12	98	4	154	0	...	...	...			
8,027	8	1,351	0	9,378	8	6	2	9	1,636	330	1,966	9,323	12	1,621	0	10,944	12	5	11	2			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
...	...	119	0	119	0	...	...	...	...	34	34	...	...	119	0	119	0	...	...	...			
...	...	35	0	35	0	...	...	...	...	14	14	...	...	35	0	35	0	...	...	...			
..	...	154	0	154	0	...	...	...	...	48	48	...	...	154	0	154	0	...	...	...			
12,925	0	1,962	8	14,887	8	6	5	3	2,834	494	3,328	16,696	8	2,353	8	19,050	0	5	14	3			
42,551	8	3,256	8	45,808	0	6	5	10	9,679	689	10,368	61,288	0	4,039	8	65,327	8	6	5	3			
55,176	8	5,219	0	60,695	8	6	3	7	12,513	1,183	13,696	77,984	8	6,393	0	84,377	8	6	3	7			

F. W. MORRIS,
Deputy Director of Revenue Settlement.

W.
COMPARATIVE Statement of the

Taluks.	Dry.								
	As per Taluk account of Fasli 1270.			As per present Classification.			Comparison of Columns 3 and 6.		
	Land.	Assessment.	Average.	Land.	Assessment.	Average.	Increase.	Decrease.	Per centage.
1	2	3	4	5	6	7	8	9	10
	Acres.	RS.	RS. A. P.	Acres.	RS.	RS. A. P.	RS.	RS.	RS. C.
Ramalakota ...	1,68,968	1,44,094	0 13 8	1,71,852	1,41,110	0 13 2	...	2,984	2 7
Nandikotkur ...	1,49,411	1,57,555	1 0 10	1,50,141	1,62,223	1 1 3	4,668	...	2 96
Nandial... ..	1,16,500	1,59,698	1 5 11	1,19,024	1,41,965	1 3 1	...	17,733	11 10
Sirwel... ..	1,15,005	1,39,861	1 3 6	1,17,341	1,40,181	1 3 1	320	...	0 23
Total...	5,49,884	6,01,208	1 1 6	5,58,358	5,85,479	1 0 9	4,988	20,717	2 62
Add increase at 11 per cent. for Survey.....	...	...	...	61,419	64,403	...	...	...	...
Total...	...	...	...	6,19,777	6,49,882	...	...	...	...
Deduct for Road Fund and village servants' Fees...	...	...	...	...	53,095	...	...	...	...
Remainder... ..	...	...	...	...	5,96,787	...	...	4,421	0 73

1.
Old and New Assessment.

Wet.											Total.	
As per Taluk account of Fasli 1270.					As per present Classification.			Comparison of Columns 14 and 17.			As per Taluk account of Fasli 1270.	
Land.	Assessment.			Average on Columns 11 and 14.	Land.	Assessment.	Average.	Increase.	Decrease.	Per centage.	Land.	Assessment.
	As per Taluk account.	Deduct 3rd from the Dofasli Taluk.	Net.									
11	12	13	14	15	16	17	18	19	20	21	22	23
Acres.	RS.	RS.	RS.	RS. A. P.	Acres.	RS.	RS. A. P.	RS.	RS.	RS. C.	Acres.	RS.
2,569	15,810	1,755	14,055	5 7 7	2,615	15,075	5 12 2	1,020	...	7 26	1,71,537	1,58,149
3,686	24,726	2,060	22,666	6 2 5	3,814	23,537	6 2 9	871	...	3 84	1,53,097	1,80,221
3,020	30,966	2,500	28,466	9 6 9	3,071	19,880	6 7 7	...	8,586	30 16	1,19,520	1,88,164
2,874	27,433	5,729	21,704	7 8 10	3,013	19,492	6 7 6	...	2,212	10 20	1,17,879	1,61,565
12,149	98,935	12,044	86,891	7 2 5	12,513	77,984	6 3 8	1,891	10,798	10 25	5,62,033	6,88,099
									Net. 8,907			
...	...	...	...	...	626	3,899	...	...	...	...	...	...
...	...	...	...	...	13,139	81,883	...	...	...	...	...	...
...	...	...	...	...	...	6,690	...	...	...	...	...	...
...	...	...	...	...	...	75,193	...	...	11,698	13 46	...	...

Taluks.	Total.					Average per acre on occupied dry land.			
	As per Classification.		Comparison of Columns 23 and 25.			Classes of villages.			Lal.
	Land.	Assessment	Increase.	Decrease.	Per centage.		Regar.	Masab.	
	24	25	26	27	28	29	30	31	32
	Acres.	RS.	RS.	RS.	RS. C.		RS. A. P.	RS. A. P.	RS. A. P.
Ramalakota. ...	1,74,467	1,56,185	...	1,964	1 25	{ 1st 2nd	1 2 8 0 15 4	0 10 11 0 10 3	0 6 1 0 7 4
Nandikotkur ...	1,53,955	1,85,760	5,531	...	3 7	1st	1 6 1	0 12 11	0 7 3
Nandial... ..	1,22,095	1,61,845	...	26,319	13 99	{ 1st 2nd	1 7 9 1 2 9	0 15 0 0 10 0	0 8 1 0 7 0
Sirwel... ..	1,20,354	1,59,673	...	1,892	1 17	1st	1 8 0	0 13 8	0 8 10
Total...	5,70,871	6,63,463	5,531	30,175	3 58	{ 1st 2nd	1 6 1 0 15 8	0 13 6 0 10 3	0 7 7 0 7 3
Add increase at 11 per cent. for Survey... ..	...	...	...	Net. 24,636	...		...	...	...
Deduct for Road Fund and village servants' Fees...	...	...	...	...	...		...	...	...

F. W. MORRIS,
Deputy Director of Revenue Settlements

STATEMENT showing the Classification, Assessment and Averages in the Ramalakota taluk of Kurnool Proper.

Class of village.	Dry or Wet.	Class.	Sort.	Proposed rate per acre.	Classified Seri land.			Amount of Assessment according to the proposed rates.			Average Assessment per acre.	
					Occupied area.	Unoccupied area.	Total.	On occupied land.	On unoccupied land.	Total.	On occupied land.	On unoccupied land.
1	2	3	4	5	6	7	8	9	10	11	12	13
1st Class.	Dry.....	III	i ii iii iv	Rs. A. 2 8 1 8 1 0 0 8	Acres. 857 7,671 15,629 1,575	Acres. 13 187 703 525	Acres. 870 7,858 16,332 2,099	Rs. A. 2,142 8 11,506 8 15,632 0 787 8	Rs. A. 32 8 280 8 703 0 262 8	Rs. A. 2,175 0 11,787 0 16,332 0 1,050 0	Rs. A. P.	Rs. A. P.
			Total...		25,732	1,428	27,160	30,065 8	1,278 8	31,344 0	1 2 8	0 14 9
		IV	i ii iii	Rs. A. 1 8 1 0 0 8	Acres. 684 1,800 2,621	Acres. 17 228 905	Acres. 701 2,028 3,526	Rs. A. 1,026 0 1,800 0 1,310 8	Rs. A. 25 8 228 0 452 8	Rs. A. 1,051 8 2,028 0 1,763 0	... .. ... .. ... ..	... .. ... .. ... ..
		V	i ii iii	Rs. A. 1 0 0 8 0 4	Acres. 36 883 1,174	Acres. 3 360 1,867	Acres. 39 1,243 3,041	Rs. A. 36 0 441 8 293 8	Rs. A. 3 0 180 0 466 12	Rs. A. 39 0 621 8 760 4	... .. ... .. ... ..	... .. ... .. ... ..
			Total...		7,198	3,380	10,578	4,907 8	1,355 12	6,263 4	0 10 11	0 6 5
		VII	i ii iii	Rs. A. 0 12 0 8 0 4	Acres. 57 393 536	Acres. ... 109 77	Acres. 57 502 613	Rs. A. 42 12 196 8 134 0	Rs. A. 54 8 19 4	Rs. A. 42 12 251 0 153 4	... .. ... .. ... ..	... .. ... .. ... ..
		VIII	Total...		986	186	1,172	373 4	73 12	447 0	0 6 1	0 6 5
			Total Dry...		33,916	4,994	38,910	35,346 4	2,708 0	38,054 4	1 0 8	0 8 8
	Wet under Tanks and Channels.....	III	ii iii	Rs. A. 5 8 4 8	Acres. 33 3	Acres. ... 4	Acres. 33 7	Rs. A. 181 8 13 8	Rs. A. 18 0	Rs. A. 181 8 31 8	... .. ... ..	... .. ... ..
			Total...		36	4	40	195 0	18 0	213 0	5 6 8	4 8 0

Statement showing the Classification, Assessment and Averages in the Ramalakota taluk of Kurnool Proper.

Statement showing the Classification, Assessment and Averages in the nominated tank of Karnool Taluqa.

Class of village.	Dry or Wet.	Class.	Sort.	Proposed rate per area.			Classified Seri land.			Amount of Assessment according to the proposed rates.				Average Assessment per acre.			
				Occupied area.	Unoccupied area.	Total.	On occupied land.	On unoccupied land.	Total.	On occupied land.	On unoccupied land.	Total.					
I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
Wet under Tanks and Channels.....		IV	ii	6	0	42	42	252	0	0	252	0	0	252	0	0	
			iii	5	0	1	1	5	0	0	0	5	0	0	5	0	0
			i	6	0	10	10	0	0	0	0	60	0	0	60	0	0
			Total	43	10	53	53	257	0	0	60	0	317	0	6	0	0
			Total Wet	79	14	93	93	452	0	0	78	0	530	0	5	11	6
Wet under Wells...		II III	i	6	8	64	64	416	0	0	416	0	0	416	0	0	
			i	5	8	8	11	44	0	0	16	8	60	8	0	0	0
			ii	4	8	37	47	166	8	0	45	0	211	8	0	0	0
			iii	4	0	16	20	64	0	0	16	0	80	0	0	0	0
			iv	4	8	4	4	18	0	0	0	0	18	0	0	0	0
		IV	i	4	0	41	41	164	0	0	164	0	0	164	0	0	
			ii	4	0	15	73	52	8	0	0	203	0	255	8	0	0
			iii	8	0	0	0	0	0	0	0	0	0	0	0	0	0
			iv	8	0	0	0	0	0	0	0	0	0	0	0	0	0
			ii	3	8	0	0	0	0	0	0	0	0	0	0	0	0
Total Dry and Wet of 1st Class.....		Total	Total	185	75	260	260	925	0	280	8	1,205	8	5	0	0	
			Total Wet	264	89	353	353	1,377	0	358	8	1,735	8	5	3	6	4
			Total Dry	34,180	5,083	39,263	39,263	36,723	4	3,066	8	39,789	12	1	1	2	0
			Total Dry	3,156	30	3,186	3,186	6,272	0	60	0	6,332	0	0	0	0	0
			Total Wet	24,170	1,398	25,568	25,568	30,212	8	1,747	8	31,960	0	0	0	0	0
2nd Class. Dry.....		III	i	2	0	3	3	24	0	0	24	0	0	24	0	0	
			ii	1	4	398	398	30,212	8	1,747	8	31,960	0	0	0	0	
			iii	0	12	2,569	2,569	24,256	8	1,926	12	26,183	4	0	0	0	
			iv	0	8	8,020	8,020	4,010	0	733	8	4,743	8	0	0	0	
			Total	67,668	5,464	73,132	73,132	64,751	0	4,467	12	69,218	12	0	15	4	0

2nd Class. Dry	IV	i	1	4	5,238	534	5,772	6,547	8	667	8	7,215	0	7,215	0
	II	ii	0	12	14,289	1,771	16,060	10,716	12	1,328	4	12,045	0	12,045	0
	V	iii	0	8	15,227	7,916	23,143	7,613	8	3,958	0	11,571	8	11,571	8
		i	0	12	1,206	213	1,419	904	8	159	12	1,064	4	1,064	4
		ii	0	8	7,705	1,973	9,678	3,852	8	986	8	4,839	0	4,839	0
		iii	0	4	4,190	5,818	10,008	1,454	8	1,454	8	2,502	0	2,502	0
	Total...				47,855	18,225	66,080	30,682	4	8,554	8	39,236	12	39,236	12
	VI	i	1	0	7	...	...	7	0	...	...	7	0	...	...
	VII	ii	0	12	803	32	335	227	4	24	0	251	4	251	4
	VIII	iii	0	8	3,699	485	4,184	2,774	4	363	12	3,138	0	3,138	0
		i	0	8	9,911	3,631	13,542	4,955	8	1,815	8	6,771	0	6,771	0
		ii	0	4	7,520	3,366	10,886	4,86	8	133	8	4,839	0	4,839	0
	Total...				22,413	7,781	30,194	10,330	8	3,173	4	13,508	12	13,508	12
	Wet under Tanks and Channels.....				1,37,936	31,470	1,69,406	1,05,763	12	16,200	8	1,21,964	4	1,21,964	4
	II	i	8	0	168	...	168	1,344	0	...	...	1,344	0	...	...
	III	ii	6	8	163	4	169	1,072	8	26	0	1,098	8	1,098	8
	IV	iii	4	8	32	27	120	5,1	8	148	8	660	0	660	0
	V	i	7	0	32	37	69	144	0	166	8	310	8	310	8
	VI	ii	6	0	475	13	488	3,325	0	91	0	3,416	0	3,416	0
	VII	iii	5	0	530	70	600	3,180	0	420	0	3,600	0	3,600	0
	VIII	i	6	0	202	139	341	1,010	0	695	0	1,705	0	1,705	0
		ii	4	8	13	6	19	78	0	36	0	114	0	114	0
		iii	4	8	29	16	45	130	8	72	0	202	8	202	8
		i	3	0	11	10	21	33	0	30	0	63	0	63	0
		ii	3	8	...	34	34	...	...	119	0	119	0	119	0
		iii	2	8	...	14	14	...	...	35	0	35	0	35	0
	Total...				1,718	370	2,088	10,828	8	1,839	0	12,667	8	12,667	8
	Wet under Wells...				160	6	166	960	0	36	0	996	0	996	0
	II	i	6	0	54	...	54	270	0	...	...	270	0	...	...
	III	ii	4	4	56	...	56	238	0	...	...	238	0	...	...
	IV	iii	3	12	43	...	43	161	4	48	12	210	0	210	0
		i	4	4	103	...	103	4,387	12	46	12	484	8	484	8
		ii	3	12	143	...	143	536	4	67	8	603	12	603	12
		iii	3	8	30	...	30	105	0	87	8	192	8	192	8

Statement showing the Classification, Assessment and Averages in the Ramalabota taluk of Kurnool Proper.

Statement showing the Classification, assessment and average rate per acre.

Class of village.	Dry or Wet.	Class.	Sort.	Proposed rate per acre.	Classified Seri land.			Amount of Assessment according to the proposed rates.			Average Assessment per acre.				
					Occupied area.	Unoccupied area.	Total.	On occupied land.	On unoccupied land.	Total.	On occupied land.	On unoccupied land.			
1	2	3	4	5	6	7	8	9	10	11	12	13			
Wet under Wells...		V	i	3 12	36	...	36	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
			ii	3 8	2	...	2	7 0	...	7 0	...	...			
			iii	3 4	6	...	27	19 8	68 4	87 12	...	...			
			iv	3 12	...	...	...	...	...	...	...	...			
		VII	i	3 8	...	...	...	...	...	...	...	...			
			ii	3 8	...	...	...	...	...	...	...	...			
			iii	3 4	...	...	...	...	...	...	...	...			
			iv	3 4	...	...	...	...	...	...	...	...			
		VIII	Total...					633	94	727	2,869 12	354 12	3,224 8	4 8 6	3 12 5
			Total Wet...					2,351	464	2,815	13,698 4	2,193 12	15,892 0	5 13 2	4 11 8
			Total Dry and Wet of 2nd Class...					1,40,287	31,934	1,72,221	1,19,462 0	18,394 4	1,37,856 4	0 13 8	0 9 3
			Particulars of 1st and 2nd Classes.												
Dry		Regar			93,400	6,892	1,00,292	94,816 8	5,746 4	1,00,562 12	1 0 3	0 13 4			
					55,053	21,605	76,658	35,589 12	9,910 4	45,500 0	0 10 3	0 7 4			
					23,399	7,967	31,366	10,703 12	3,252 0	13,955 12	0 7 4	0 6 6			
					1,71,852	36,464	2,08,316	1,41,110 0	18,908 8	1,60,018 8	0 13 2	0 8 4			
Wet		Under Tanks and Channels			1,797	384	2,181	11,280 8	1,917 0	13,197 8	6 4 10	4 15 10			
					818	169	987	3,794 12	635 4	4,430 0	4 8 6	3 12 2			
					2,615	553	3,168	15,075 4	2,552 4	17,627 8	5 13 2	4 9 10			
					1,74,467	37,017	2,11,484	1,56,185 4	21,460 12	1,77,646 0	0 14 4	0 9 3			
Grand Total...					1,74,467	37,017	2,11,484	1,56,185 4	21,460 12	1,77,646 0	0 14 4	0 9 3			

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,

Deputy Director of Revenue Settlement.

Statement showing the Classification, Assessment, and Averages in the Nundikotkur taluk of the Kurnool District.

Class of village.	Dry or wet.	Class.	Sort.	Proposed rate per acre.	Classified Seri land.			Amount of Assessment according to the proposed rates.			Average Assessment per acre.		
					Occupied area.	Unoccupied area.	Total.	On occupied land.	On unoccupied land.	Total.	On occupied land.	On unoccupied land.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	
1st Class. Dry		III	i	2 8	9,566	235	9,801	23,915 0	587 8	24,502 8	...	...	...
			ii	1 8	38,787	1,304	40,091	58,180 8	1,956 0	60,136 8	...	...	...
			iii	1 0	28,984	3,361	32,345	28,984 0	3,361 0	32,345 0	...	...	...
			iv	0 8	4,845	2,838	7,683	2,422 8	1,419 0	3,841 8	...	...	...
			Total...	84,132	7,738	89,920	1,13,502 0	7,323 8	1,20,825 8	1 6 1	0 15 2		
..	..	IV	i	1 8	5,141	776	5,917	7,711 8	1,164 0	8,875 8	...	...	...
			ii	1 0	20,764	8,171	28,935	20,764 0	8,171 0	28,935 0	...	...	...
			iii	0 8	20,848	17,411	38,259	10,424 0	8,705 8	19,129 8	...	...	...
			iv	1 0	685	459	1,144	685 0	459 0	1,144 0	...	...	...
			v	0 8	1,494	806	2,300	747 0	403 0	1,150 0	...	...	...
		V	vi	0 4	1,214	4,498	5,712	303 8	1,124 8	1,428 0	...	...	...
			Total...	50,146	32,121	82,267	40,635 0	20,027 0	60,662 0	0 12 11	0 10 0		
			i	1 0	91	...	91	91 0	...	91 0	...	...	...
			ii	0 12	171	56	227	128 4	42 0	170 4	...	...	...
			iii	0 12	2,354	738	3,092	1,765 8	553 8	2,319 0	...	...	...
		VI	iv	0 8	8,916	9,167	18,083	4,458 0	4,583 8	9,041 8	...	...	...
			v	0 8	295	20	315	147 8	10 0	157 8	...	...	...
			vi	0 4	5,986	6,578	12,564	1,496 8	1,644 8	3,141 0	...	...	...
			Total...	17,813	16,559	34,372	8,086 12	6,833 8	14,920 4	0 7 3	0 6 7		
			Total Dry...	1,50,141	56,418	2,06,559	1,62,223 12	34,184 0	1,96,407 12	1 1 3	0 9 8		
Wet under Wells		II	i	6 8	1,153	...	1,200	7,494 8	305 8	7,800 0	...	...	...
			ii	5 8	94	...	94	517 0	...	517 0	...	...	...
			iii	4 8	7	...	7	31 8	...	31 8	...	...	...
			iv	4 0	3	...	3	12 0	...	12 0	...	...	...
			Total...	104	...	104	560 8	.....	560 8	...	...		

Statement showing the Classification, Assessment, and Average in the Nundial taluk of the Kurnool District. (Continued.)

Class of village.	Dry or wet.	Class.	Sort.	Classified Seri land.			Amount of Assessment according to the proposed rates.			Average Assessment per acre.		
				Occupied area.	Unoccupied area.	Total.	On occupied land.	On unoccupied land.	Total.	On occupied land.	On unoccupied land.	Total.
1	2	3	4	5	6	8	9	10	11	12	13	
	Wet under Wells.	IV	i ii iii	RS. A. 4 8 4 0 3 8	Acres. 29 6 1	Acres. 40 7 8	RS. A. 180 8 24 0 3 8	RS. A. 49 8 4 0 24 8	RS. A. 180 0 28 0 28 0	RS. A. P.	RS. A. P.	
	Under Tanks and Channels.	Total under Wells.	Total...	Total...	36	19	158 0	78 0	236 0	...	...	...
		II	i	8 0	79	...	632 0	...	632 0	...	...	...
		III	i ii iii iv	6 8 5 8 4 8 3 0	250 232 167 8	5 5 14 3	1,625 0 1,276 0 751 8 24 0	32 8 27 8 63 0 9 0	1,657 8 1,303 8 814 8 33 0	...	...	...
		IV	Total...	Total...	657	27	5,676 8	132 0	3,808 8	...	...	...
		V	i ii	7 0 6 0	683 615	167 71	4,781 0 3,690 0	1,169 0 426 0	5,950 0 4,116 0	...	...	...
			iii	5 0	343	37	1,715 0	185 0	1,900 0	...	...	...
			Total...	Total...	1,641	275	10,186 0	1,780 0	11,966 0	...	...	...
			i ii	6 0 4 8	121 23	17 19	726 0 103 8	102 0 85 8	828 0 189 0	...	...	...
			Total...	Total...	144	36	829 8	187 8	1,017 0	...	...	...
	Total under Tanks &c.....				2,521	338	15,324 0	2,099 8	17,423 8	6 1 5	6 2 3	
	Total Wet.....				3,814	404	23,537 0	2,483 0	26,020 0	6 2 9	6 1 8	
	Grand Total Dry and Wet.....				1,53,955	56,822	1,85,760 12	36,667 0	2,22,427 12	...	...	...

F. W. MORRIS,
Deputy Director of Revenue Settlement.

CAMP KURNOOL, 4th July 1863.

W. 4.

STATEMENT showing the Classification, Assessment and Averages in the Nundial taluk of the Kurnool District.

Class of village.	Dry or wet.	Class.	Sort.	Proposed rate per acre.	Classified Seri land.			Amount of Assessment according to the proposed rates.			Average Assessment per acre.		
					Occupied area.	Unoccupied area.	Total.	On occupied land.	On unoccupied land.	Total.	On occupied land.	On unoccupied land.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	
1st Class Dry.....		III	i ii iii iv	RS. A. 2 8 1 8 1 0 0 8	Acres. 11,414 32,063 20,859 1,987	Acres. 302 478 842 396	Acres. 11,716 32,541 21,701 2,383	RS. A. 28,535 0 48,094 8 20,859 0 993 8	RS. A. 755 0 717 0 842 0 198 0	RS. A. 29,290 0 48,811 8 21,701 0 1,191 8	RS. A. P.	RS. A. P.	
		IV	i ii iii	Total...	66,323	2,018	68,341	98,482 0	2,512 0	1,00,994 0	1 7 9	1 3 10	
		V	i ii iii	Total...	4,751	187	4,938	7,126 8	280 8	7,407 0	...	...	
					10,303	1,133	11,436	10,303 0	1,133 0	11,436 0	...	...	
					6,219	2,154	8,373	3,109 8	1,077 0	4,186 8	...	...	
					453	55	1,008	953 0	55 0	1,008 0	...	...	
					1,059	649	1,708	529 8	324 8	854 0	...	...	
					255	179	434	63 12	44 12	108 8	...	...	
			Total...	Total...	23,540	4,357	27,897	22,085 4	2,914 12	25,000 0	0 15 0	0 8 8	
		VII	i ii	0 12 0 8	44	...	44	33 0	...	33 0	...	...	
		VIII	ii	0 4	353	39	392	176 8	19 8	196 0	...	...	
					35	120	155	8 12	30 0	38 12	...	...	
			Total...	Total...	432	159	591	218 4	49 8	267 12	0 8 1	0 6 0	
	Total Dry...				90,295	6,534	96,829	1,90,785 8	5,476 4	1,96,261 12	1 5 5	0 13 5	

Statement showing the Classification, Assessment and Averages in the Nandial taluk of the Kurnool District. (Continued.)

Class of village.	Dry or wet.	Class.	Sort.	Proposed rate per acre.	Classified Seril land.			Amount of Assessment according to the proposed rates.				Average Assessment per acre.		
					Occupied area.	Unoccupied area.	Total.	On occupied land.	On unoccupied land.	Total.	On occupied land.	On unoccupied land.	Average Assessment per acre.	
1	2	3	4	5	6	7	8	9	10	11	12	13		
Wet under Wells....		II	i	Rs. A. 6 8	Acres. 217	Acres. 2	Acres. 219	Rs. 1,410 8	Rs. 13 0	Rs. A. 1,423 8	Rs. A. P. 6 8 0	Rs. A. P. 6 8 0		
				5 8	36	...	36	198 0	...	198 0	5 8 0	5 8 0	0 8 0	0 8 0
				4 8	5	...	5	22 8	...	22 8	4 8 0	4 8 0	...	...
				4 8	258	2	260	1,631 0	13 0	1,614 0	6 5 2	6 5 2	6 8 0	6 8 0
Total under Wells....														
Under Tanks and Channels.....		II	i	8 0	152	12	164	1,216 0	96 0	1,312 0	8 0 0	8 0 0	8 0 0	8 0 0
				6 8	887	8	895	5,765 8	52 0	5,817 8	...	...	...	...
				5 8	226	37	263	1,243 0	203 8	1,446 8	...	...	...	...
				4 8	19	2	14	54 0	9 0	63 0	...	...	...	...
IV		III	ii	3 0	2	...	2	6 0	...	6 0	...	...	...	...
				4 8	47	...	47	211 8	...	211 8	...	...	...	...
				3 0	...	...	...	...	...	...	...	...	...	...
				3 0	1,127	47	1,174	7,068 8	261 8	7,333 0	6 4 4	6 4 4	5 10 0	5 10 0
Total...														
IV		IV	i	7 0	757	36	793	5,229 0	232 0	5,551 0	...	...	...	...
				6 0	189	18	157	834 0	108 0	942 0	...	...	...	...
				5 0	26	2	28	130 0	10 0	140 0	...	...	...	...
				6 0	82	6	88	492 0	36 0	528 0	...	...	...	...
V		V	ii	4 8	47	...	47	211 8	...	211 8	...	...	...	...
				3 0	...	...	...	...	...	...	...	...	...	...
				3 0	...	...	...	...	...	...	...	...	...	...
				3 0	...	...	...	...	...	...	...	...	...	...
Total...														
Total under Tanks &c.					1,051	62	1,113	6,966 8	406 0	7,372 8	6 10 0	6 10 0	6 8 9	6 8 9
Total Wet....														
Total under Tanks &c.					2,330	121	2,451	15,251 0	766 8	16,017 8	6 8 9	6 8 9	6 5 4	6 5 4
Total Wet....														
Total under Tanks &c.					2,588	123	2,711	16,882 0	779 8	17,661 8	6 8 4	6 8 4	6 5 4	6 5 4
Total Wet....														
Grand Total of 1st Class villages....					92,883	6,657	99,540	1,37,667 8	6,255 12	1,43,923 4	1 7 8	1 7 8	0 15 1	0 15 1

2nd Class. Dry.....	III	i	2 0	1,173	18	1,191	2,346 0	36 0	2,382 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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III	i	2 0	1,173	18	1,191	2,346 0	36 0	2,382 0	..	..	..	..	..	..	
	ii	1 4	4,573	72	4,645	5,716 4	90 0	5,806 4	..	..	..	..	..	..	
	iii	0 12	2,638	303	2,941	1,978 8	227 4	2,205 12	..	..	..	..	..	..	
	iv	0 8	351	309	660	175 8	154 8	330 0	..	..	..	..	..	..	
Total...															
IV	i	1 4	1,097	4	1,101	1,371 4	5 0	1,376 4	..	..	..	..	..	..	
	ii	0 12	3,183	157	3,340	2,387 4	117 12	2,504 12	..	..	..	..	..	..	
	iii	0 8	5,501	2,507	7,998	2,750 8	1,253 8	4,004 0	..	..	..	..	..	..	
	iv	0 12	336	6	342	252 0	4 8	256 8	..	..	..	..	..	..	
V	i	0 8	758	70	828	379 0	35 0	414 0	..	..	..	..	..	..	
	ii	0 8	973	928	1,901	243 4	232 0	475 4	..	..	..	..	..	..	
	iii	0 4							..	..	..	..	..	..	
	Total...		11,848	3,672	15,520	7,383 4	1,617 12	9,030 12	0 10 0	0 7 6	0 11 6				
FVI	i	1 0	30	...	30	30 0	...	20 0	..	..	..	..	..	..	
	ii	0 12	154	10	164	115 8	7 8	123 0	..	..	..	..	..	..	
	iii	0 12	1,345	120	1,465	1,008 12	90 0	1,098 12	..	..	..	..	..	..	
	iv	0 8	2,511	204	2,715	1,255 8	102 0	1,357 8	..	..	..	..	..	..	
VIII	i	0 8	575	50	625	287 8	25 0	312 8	..	..	..	..	..	..	
	ii	0 4	3,531	1,490	5,021	882 12	372 8	1,255 4	..	..	..	..	..	..	
	iii	0 4							..	..	..	..	..	..	
	Total...		8,146	1,874	10,020	3,580 0	597 0	4,177 0	0 7 0	0 5 1	0 7 0				
Wet under Wells.....	Total Dry...														
	i	6 0	134	...	134	804 0	...	...	804 0	6 0 0	...	...	...	...	
	ii	4 4	9	5	14	38 4	21 4	59 8	...	...	...	...	...	...	
	iii	3 12	1	4	5	3 12	15 0	18 12	...	...	...	...	...	...	
II	Total...														
	i	4 4	4	...	4	17 0	...	...	17 0	...	...	...	...	...	
	ii	3 12	2	...	2	7 8	...	...	7 8	...	...	...	...	...	
	iii	3 8	4	...	4	14 0	...	...	14 0	...	...	...	...	...	
III	i	3 12	...	...	...	...	...	...	...	...	...	...	...	...	
	ii	3 8	...	...	...	...	...	...	...	...	...	...	...	...	
	iii	3 8	...	...	...	...	...	...	...	...	...	...	...	...	
	iv	3 4	...	...	...	...	...	...	...	...	...	...	...	...	
IV	Total...														
	i	4 4	4	...	4	17 0	...	...	17 0	...	...	...	...	...	
	ii	3 12	2	...	2	7 8	...	...	7 8	...	...	...	...	...	
	iii	3 8	4	...	4	14 0	...	...	14 0	...	...	...	...	...	
V	i	3 12	...	...	...	...	...	...	...	...	...	...	...	...	
	ii	3 8	...	...	...	...	...	...	...	...	...	...	...	...	
	iii	3 4	...	...	...	...	...	...	...	...	...	...	...	...	
	Total...		15	...	15	55 12	...	...	55 12	3 11 6	3 11 6	...	...	...	
Total under Wells...															
Total under Wells...															
Total under Wells...															

Assessment showing the Classification, Assessment and Averages in the Nundial taluk of the Kurnool District. (Continued.)

Class of village.	Dry or wet.	Class.	Sort.	Proposed rate per acre.			Classified Seri land.			Amount of Assessment according to the proposed rates.			Average Assessment per acre.		
				Occupied area.	Unoccupied area.	Total.	On occupied land.	On unoccupied land.	Total.	On occupied land.	On unoccupied land.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13			
Wet under Tanks and Channels.....	Wet	II	i	Rs. A. P.	Acres.	Acres.	Acres.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
				8 0 0	92	7	99	736 0 0	56 0 0	792 0 0	8 0 0	8 0 0	8 0 0		
				6 8 8	101	1	102	656 8 0	6 8 0	663 0 0	...	...	...		
		5 8 8	28	...	28	154 0 0	...	154 0 0	...	...	...				
		4 8 8	62	12	74	279 0 0	54 0 0	333 0 0	...	...	...				
		Total.	191	13	204	1,089 8 0	60 8 0	1,150 0 0	5 11 3	4 10 6	5 11 3				
		IV	i	7 0 0	25	1	26	175 0 0	7 0 0	182 0 0	...	...	...		
				6 0 0	16	...	16	96 0 0	...	96 0 0	...	...	...		
				Total...	41	1	42	271 0 0	7 0 0	278 0 0	6 9 9	7 0 0	6 9 9		
		Total under Tanks &c.				324	21	345	2,096 8 0	123 8 0	2,220 0 0	6 7 6	5 14 1	6 7 6	
Total Wet...				483	30	513	2,998 4 0	159 12 0	3,158 0 0	6 3 4	5 5 4	6 3 4			
Total 2nd Class villages.				29,212	6,278	35,490	24,177 12 0	2,912 4 0	27,090 0 0	0 13 3	0 7 5	0 13 3			
Grand Total of 1st and 2nd Classes villages...				1,22,095	12,935	1,35,030	1,61,845 4 0	9,168 0 0	1,71,013 4 0	1 5 3	0 11 5	1 5 3			
Particulars :—Dry ...				1,19,024	12,782	1,31,806	1,41,965 0 0	8,228 12 0	1,50,193 12 0	1 3 1	0 10 3	1 3 1			
Wet ...				3,071	153	3,224	19,880 4 0	939 4 0	20,819 8 0	6 7 7	6 2 2	6 7 7			

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,

Deputy Director of Revenue Settlement,

W 5.

STATEMENT showing the Classification, Assessment and Averages in the Sirvel taluk of the Kurnool District.

Class of village.	Dry or wet.	Class.	Sort.	Proposed rate per acre.			Classified Seri land.			Amount of Assessment according to the proposed rates.			Average Assessment per acre.														
				Rs.	A.	P.	Occupied area.	Unoccupied area.	Total.	On occupied land.	On unoccupied land.	Total.	On occupied land.	On unoccupied land.	Total.												
																Acres.	Acres.	Acres.									
1	2	3	4	5	6	7	8	9	10	11	12	13															
1st Class.	Dry.....	III	i	2	8	8,124	60	8,184	20,310	0	150	0	20,460	0	...	...											
			ii	1	8	41,037	475	41,512	61,555	8	712	8	62,268	0	...	...											
			iii	1	0	13,993	760	14,753	13,993	0	760	0	14,753	0	...	...											
			iv	0	8	1,082	215	1,297	541	0	107	8	648	8	...	...											
			Total..			64,236	1,510	65,746	96,499	8	1,730	0	98,129	8	1	8	0	1	2	4	0						
		IV	i	1	8	7,669	566	8,235	11,503	8	849	0	12,352	8	...	...											
			ii	1	0	18,759	2,546	21,305	18,759	0	2,546	0	21,305	0	...	...											
			iii	0	8	12,747	2,275	15,022	6,373	8	1,137	8	7,511	0	...	...											
			Total..			39,175	5,387	44,562	36,636	0	4,532	8	41,168	8	...	...											
			V	i	1	0	1,712	583	2,295	1,712	0	583	0	2,295	0	...	...										
Total.	ii	0	8	3,299	1,600	4,899	1,649	8	800	0	2,449	8	...	...													
	iii	0	4	3,759	564	4,323	939	12	141	0	1,080	12	...	...													
	Total.			8,770	2,747	11,517	4,301	4	1,524	0	6,825	4	...	...													
Total of 4th and 5th Classes....													47,945	8,134	56,079	40,937	4	6,056	8	46,993	12	0	13	8	0	11	11

X.

STATEMENT showing the extent of Land under each money rate in Kurnool Proper.

Dry or wet.	Money rates.		Class of village.	Class.	Sort.	Total culturable area.		Assessment according to proposed rates.		Remarks.
						Occupied.	Unoccupied.	Occupied.	Unoccupied.	
	1	2				6	7	8	9	
Dry.	Rs.	A.				Acres.	Acres.	RS.	RS.	
	2	8	1st Class.....	III	i	29,961	610	74,902	1,525	
	2	0	2nd do.....	III	i	4,309	48	8,618	96	
	1	8	1st do.....	III	ii	1,19,558	2,444	1,79,337	3,666	
				IV	i	18,245	1,546	27,368	2,319	
					+	1,37,803	3,990	2,06,705	5,985	
	1	4	2nd Class.....	III	ii	28,743	1,479	35,929	1,837	
				IV	i	6,335	538	7,918	673	
					+	35,078	2,008	43,847	2,510	
	1	0	1st Class.....	III	iii	79,465	5,666	79,465	5,666	
			Do.....	IV	ii	51,626	12,078	51,626	12,078	
			Do.....	V	i	3,386	1,100	3,386	1,100	
			2nd Class.....	VI	i	142	...	142	...	
					+	1,34,619	18,844	1,34,619	18,844	
	0	12	2nd Class.....	III	iii	34,280	2,872	26,235	2,154	
				IV	ii	17,472	1,928	13,104	1,446	
				V	i	1,542	219	1,156	164	
			1st and 2nd Classes...	VII	i	9,289	1,947	6,966	1,461	
				VI	ii	675	99	506	75	
						63,958	7,065	47,967	5,300	
	0	8	1st and 2nd Classes.	III	iv	17,860	5,750	8,930	2,875	
				IV	iii	63,163	33,168	31,583	16,584	
				V	ii	15,198	5,458	7,599	2,729	
				VII	ii	23,938	13,900	11,969	6,950	
				VIII	i	2,490	582	1,245	291	
						1,22,649	58,858	61,326	29,429	
	0	4	2nd Class.....	V	iii	11,565	13,854	2,891	3,464	
				VIII	ii	18,416	11,898	4,601	2,974	
						29,981	25,752	7,495	6,438	
			Total Dry.....			5,58,358	1,17,175	5,85,479	70,125	

Statement showing the extent of Land under each money rate in Kurnool Proper. (Continued.)

Dry or wet.	Money rates.		Class of village.	Class.	Sort.	Total culturable area.		Assessment according to proposed rates.		Remarks.
						Occupied.	Unoccupied.	Occupied.	Unoccupied.	
	1	2				6	7	8	9	
Wet under Wells.	RS.	A.				Acres.	Acres.	RS.	RS.	
	6	8	1st Class.....	II	i	2,560	57	16,640	371	
	6	0	2nd do.....	II	i	294	6	1,764	36	
	5	8	1st do.....	III	i	196	4	1,078	22	
	5	0	2nd do.....	III	i	54	...	270	...	
	4	8	1st do.....	III	ii	66	19	297	85	
				IV	i	75	11	337	50	
						141	30	634	135	
	4	4	2nd Class.....	III	ii	65	5	276	22	
				IV	i	107	11	455	46	
						172	16	731	68	
	4	0	1st Class.....	III	iii	22	4	88	16	
				IV	ii	60	3	240	12	
						82	7	328	28	
	3	12	2nd Class.....	III	iii	44	17	166	64	
				IV	ii	145	18	544	67	
				V	i	36	...	135	...	
						225	35	844	131	
	3	8	1st and 2nd Classes...	IV	iii	50	90	175	315	
			2nd Class.....	V	ii	6	...	21	...	
						56	90	196	315	
	3	4	2nd Class.....	V	iii	7	21	23	68	
			Total under Wells...	...	...	3,787	260	22,508	1,174	

Statement showing the extent of Land under each money rate in Kurnool Proper. (Continued.)

Dry or wet.	Money rates.	Class of village.	Class.	Sort.	Total culturable area.		Assessment according to proposed rates.		Remarks.
					Occupied.	Unoccupied.	Occupied.	Unoccupied.	
1	2	3	4	5	6	7	8	9	10
	RS. A				Acres.	Acres.	RS.	RS.	
Wet under Tanks and Channels.	8 0	1st and 2nd Classes ...	II	i	547	21	4,376	168	
	7 0	Do. do.....	IV	i	2,779	222	19,453	1,551	
	6 8	1st and 2nd Classes...	III	i	1,809	28	11,758	182	
	6 0	Do. do.....	IV	ii	1,572	169	9,432	1,014	
		Do. do.....	V	i	262	39	1,572	234	
					1,834	208	11,004	1,218	
	5 8	1st and 2nd Classes...	III	ii	709	87	3,899	478	
	5 0	Do. do.....	IV	iii	605	181	3,025	905	
	4 8	Do. do.....	III	iii	278	73	1,251	329	
		Do. do.....	V	ii	143	36	644	162	
					421	109	1,895	491	
	3 8	2nd Class.....	VII	ii	...	34	...	119	
	3 0	1st and 2nd Classes ..	V	iii	11	10	33	30	
		1st Class.....	III	iv	11	3	33	9	
					22	13	66	39	
	2 8	2nd Class.....	VIII	ii	...	14	...	35	
Total under Tanks & Channels.					8,726	917	55,476	5,219	
Total Wet					12,513	1,177	77,984	6,393	
Grand Total Dry & Wet..					5,70,871	1,18,352	6,63,463	76,518	

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

Y.

STATEMENT showing the number of Villages and the extent of increase and decrease of Assessment in them according to the proposed rates in Kurnool Proper.

Taluk.			Above and below what amount.	Villages.	Assessment on occupied land as per Revenue accounts of Fasli 1270.			Assessment according to proposed rates.	Increase.	Decrease.	Percentage.			
1	2	3			Total Assessment.	Deduct 1/3rd of the double crop Assessment.	Net assessment.							
1st Class Villages.			Increase.	5	6	7	8	9	10	11	12			
Increase.					RS.	RS.	RS.	RS.	RS.	RS.	RS.			
Ramalakota.		Increase.	Below 10 Rs.	1 Gudur.....	4,748	3	4,745	5,220	475	...	10			
				2 Mallapuram.....	935	...	935	946	11	...	1			
				3 Munagala.....	1,307	1	1,306	1,310	4	...	1			
				4 Remata.....	3,482	23	3,459	3,571	112	...	3			
				5 Vultsala.....	5,222	...	5,222	5,329	107	...	2			
				Total..	15,694	27	15,667	16,376	709	...	4			
			10 to 25 Rs.	6 Palakallu.....	3,603	98	3,505	4,223	718	...	20			
				Above 25 Rs.	7 Regadakanapuram ...	1,772	...	1,772	2,429	657	...	37		
			8 Gundrenula.....		1,533	11	1,522	1,972	450	..	30			
			Total...				3,305	11	3,294	4,401	1,107	...	34	
	Total Increase..				22,602	136	22,466	25,000	2,534	...	11			
		Decrease.	Below 10 Rs.	1 Julakallu.....	892	...	892	867	...	25	3			
				2 Tzanugundla ...	2,084	...	2,084	2,071	...	13	1			
				3 Parla.....	6,241	...	6,241	5,893	...	348	6			
				Total.....				9,217	...	9,217	8,831	...	386	4
				10 to 25 Rs.	4 Gudipad.....	2,009	...	2,009	1,754	...	255	13		
					5 Palukudodde... ..	1,334	27	1,307	1,138	...	169	18		
			Total...				3,343	27	3,316	2,892	...	424	13	
			Total Decrease...				12,560	27	12,533	11,723	..	810	6	
			Total 1st Class ..				35,162	163	34,999	36,723	2,534	810	5	
			Increase.	Below 10 Rs.	1 Allagundumallipalli...	1,335	...	1,335	1,440	105	...	8		
	2 Konganapad.. ..	1,448			...	1,448	1,484	36	...	3				
	3 Malkapuram.....	1,650			107	1,543	1,687	144	...	10				
	4 Vungarlagundla... ..	807			...	807	820	13	...	2				
	5 Laddagiri.....	2,659			...	2,659	2,790	131	...	5				
	6 Banditandrapad... ..	1,179			...	1,179	1,202	23	...	2				
	7 Kallur.....	2,995			71	2,924	3,189	265	...	9				
	8 Dupad Asadupuram...	872			23	849	850	1	...	...				
	9 Pandipad.....	578			8	570	621	51	...	9				
	10 Nalakapuram... ..	1,143			...	1,143	1,246	103	...	9				
	11 Ponnakallu... ..	581			12	569	611	42	...	7				
	12 Pyalakurti... ..	3,150			38	3,112	3,199	87	...	3				
	13 Tulajapuram... ..	2,015			...	2,015	2,194	179	...	9				
	14 Kottakota.....	1,419			137	1,282	1,317	35	...	3				
	15 Penchegalapad.....	1,264			...	1,264	1,297	33	...	3				
Total ..				23,095	396	22,699	23,947	1,248	...	5				

Statement showing the number of Villages, and the extent of increase and decrease of Assessment

Taluk.	Classes of villages.	Increase or Decrease.	Above and below what amount.	Villages.	Assessment on occupied land as per Revenue accounts of Fasli 1270.			Assessment according to proposed rates.			Per centage.
1	2	3	4	5	Total Assessment.	Deduct 1/3 of the double crop Assessment.	Net Assessment.	Assessment according to proposed rates.	Increase.	Decrease.	12
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
27	Palakolanu.....	633	...	633	561	...	69	11	...	69	11
28	Ornakallu.....	3,014	88	2,926	2,295	...	631	21	...	631	21
	Total...	57,743	198	57,545	46,894	...	10,651	18	...	10,651	18
25 to 50 Rs.	29 Polur	5,047	...	5,047	3,741	...	1,306	26	...	1,306	26
	30 Munagala.....	1,208	...	1,208	795	...	413	34	...	413	34
	31 Paramatur.....	2,105	...	2,105	1,561	...	544	26	...	544	26
	32 Timmapuram.....	1,960	...	1,960	1,310	...	650	33	...	650	33
	33 Togaru Chedu.....	4,091	...	4,091	2,880	...	1,211	30	...	1,211	30
	34 Kondajhatur.....	2,341	...	2,341	1,721	...	620	26	...	620	26
	35 Balapanur.....	2,733	...	2,733	1,779	...	954	35	...	954	35
	36 Kavulur.....	2,845	...	2,845	1,637	...	1,208	39	...	1,208	39
	37 Neranada.....	2,246	...	2,246	1,336	...	910	41	...	910	41
	38 Bhupana pad.....	2,705	...	2,705	1,830	...	875	42	...	875	42
	39 Maddur.....	4,153	...	4,153	2,992	...	1,161	28	...	1,161	28
	40 Brahmanapalli.....	1,091	...	1,091	770	...	321	30	...	321	30
	41 Gadiginemula.....	2,207	45	2,162	1,271	...	891	41	...	891	41
	42 Bilakalagudur.....	2,122	121	2,001	1,482	...	519	26	...	519	26
	43 Budanur.....	1,408	20	1,388	1,016	...	372	27	...	372	27
	44 Tiripadu.....	1,569	10	1,559	959	...	600	38	...	600	38
	45 Durvesi.....	2,425	...	2,425	1,657	...	768	31	...	768	31
	Total...	42,256	196	42,060	28,737	...	13,323	32	...	13,323	32
50 to 75 Rs.	46 Konatalapad.....	1,191	...	1,191	576	...	615	51	...	615	51
	Total Decrease...	1,21,468	918	1,20,550	9,550	...	25,500	21	...	25,500	21
	Total 1st Class...	1,57,517	964	1,56,553	1,37,068	6,615	25,500	12	...	25,500	12
	Net Decrease...	...	...	...	...	...	18,885	...	...	18,885	...
Below 10 Rs.	1 Ambapuram.....	676	19	657	706	49	...	7	...	...	7
	2 Sekhunala.....	1,963	...	1,963	2,064	101	...	5	...	...	5
	Total...	2,639	19	2,620	2,770	150	...	6	...	...	6
10 to 25 Rs.	3 Tammarazupalli.....	548	23	525	607	82	...	15	...	...	15
25 to 50 Rs.	4 Kottapalli.....	1,163	...	1,163	1,556	393	...	34	...	...	34
	Total Increase ..	4,350	42	4,308	4,933	625	...	15	...	...	15
Below 10 Rs.	1 Kolumalapalli.....	1,673	10	1,663	1,594	...	69	4	...	69	4
	2 Komaravolu.....	979	68	911	816	...	95	10	...	95	10
	3 Bagganapalli.....	1,045	5	1,040	963	...	77	7	...	77	7
	4 Husseinpuram.....	1,815	...	1,815	1,786	...	29	1	...	29	1
	5 Brahmanapalli.....	690	...	690	610	...	80	7	...	80	7
	Total...	6,202	83	6,119	5,799	...	403	5	...	403	5

in them according to the proposed rates in Kurnool Proper.—(Continued.)

Taluk.	Classes of villages.	Increase or Decrease.	Above and below what amount.	Villages.	Assessment on occupied land as per Revenue accounts of Fasli 1270.			Assessment according to proposed rates.			Per centage.
1	2	3	4	5	Total Assessment.	Deduct 1/3 of the double crop Assessment.	Net Assessment.	Assessment according to proposed rates.	Increase.	Decrease.	12
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
10 to 25 Rs.	6 Alamur.....	1,616	...	1,616	1,271	...	345	21	...	345	21
	7 Konededu.....	899	...	899	770	...	129	14	...	129	14
	8 Gani.....	2,777	...	2,777	2,071	...	706	25	...	706	25
	9 Chennakkapalli.....	1,456	...	1,456	1,129	...	327	22	...	327	22
	10 Rangapuram.....	3,298	256	3,042	2,444	...	598	20	...	598	20
	11 Tippayapalli.....	692	...	692	513	...	179	25	...	179	25
	Total...	10,738	256	10,482	8,198	...	2,284	21	...	2,284	21
25 to 50 Rs.	12 Belam Cherla.....	3,003	69	2,934	1,621	...	1,313	44	...	1,313	44
	13 Maddavaram.....	953	...	953	652	...	301	32	...	301	32
	Total...	3,956	69	3,887	2,273	...	1,614	41	...	1,614	41
50 to 75 Rs.	14 Munchalakotta.....	859	...	859	332	...	527	62	...	527	62
	15 Golagunta.....	517	8	509	166	...	343	68	...	343	68
	16 Kalma.....	5,638	1,078	4,560	2,068	...	2,492	55	...	2,492	55
	17 Somayajulapalli.....	887	...	887	408	...	479	54	...	479	54
	Total...	7,901	1,086	6,815	2,974	...	3,841	56	...	3,841	56
	Total 2nd Class...	33,147	1,536	31,611	24,177	625	8,059	...	...	8,059	...
	Net Decrease...	...	...	...	...	...	7,434	24	...	7,434	24
	Total 1st and 2nd Classes.....	1,90,664	2,500	1,88,164	1,61,845	7,240	33,559	...	...	33,559	...
	Net Decrease...	...	...	...	...	...	26,319	14	...	26,319	14
Below 10 Rs.	1 Chennur.....	2,581	...	2,581	2,695	114	...	5	...	...	5
	2 Perur.....	1,994	...	1,994	2,054	60	...	3	...	...	3
	3 Gosapad.....	3,748	...	3,748	3,874	126	...	3	...	...	3
	4 Tellapudi.....	2,403	...	2,403	2,650	247	...	10	...	...	10
	5 Ranipad.....	957	11	946	976	30	...	3	...	...	3
	6 Yerraguntla.....	1,824	189	1,635	1,746	111	...	7	...	...	7
	7 Mahadevapuram.....	1,175	...	1,175	1,221	46	...	4	...	...	4
	8 Mallavemula.....	1,817	...	1,817	1,977	160	...	9	...	...	9
	9 Gotlur.....	1,875	43	1,832	1,901	69	...	5	...	...	5
	10 Brahmanapalli.....	938	103	835	866	31	...	4	...	...	4
	11 Kotakandukur.....	3,734	207	3,527	3,599	72	...	2	...	...	2
	12 Rompalli.....	1,231	97	1,134	1,241	107	...	10	...	...	10
	13 Chintakomuduma.....	1,555	113	1,442	1,447	5	...	...	...	...	...
	14 Taalingundinne.....	1,127	14	1,113	1,198	85	...	7	...	...	7
	15 Ahobalam.....	195	...	195	213	18	...	1	...	...	1
	16 Godeganur.....	1,002	...	1,002	1,010	8	...	1	...	...	1
	Total...	28,156	777	27,379	28,668	1,289	...	5	...	...	5

Abstract.

Taluku.	Villages in which there is a decrease in the proposed Assessment.					Villages in which there is an increase in the proposed Assessment.					Grand Total.	Villages bearing no Assessment.	Total.	
	50 to 75 Rs.	25 to 50 Rs.	10 to 25 Rs.	Below 10 Rs.	Total.	Below 10 Rs.	10 to 25 Rs.	25 to 50 Rs.	50 to 75 Rs.	Upwards of 75 Rs.				Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 Ramalakota... ..	1	14	20	18	53	20	13	13	1	...	47	100	...	100
2 Nandikotkur.....	2	10	10	16	38	15	20	18	3	...	56	94	1	95
3 Nandial.....	5	19	25	14	63	11	19	3	4	...	28	91	...	91
4 Sirwel,	1	9	25	7	42	16	10	9	6	2	43	85	...	85
Total...	9	52	80	55	196	62	53	43	14	2	174	370	1	371

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

Z.

STATEMENT showing the approximate Area of certain irrigable portions in Kurnool Proper, together with charge of Water thereon.

Class and Sort.		The difference between consolidated wet rates and dry rates.		From Sunkesala to Nagatur.								
				Occupied.			Unoccupied.			Total.		
				Area.	Water Cess.		Area.	Water Cess.		Area.	Water Cess.	
1		2		3	4		5	6		7	8	
		RS.	A.	Acres.	RS.	A.	Acres.	RS.	A.	Acres.	RS.	A.
II	i	4	8	58	261	0	...	...	...	58	261	0
III	i	4	0	461	1,844	0	1	4	0	462	1,848	0
	ii	4	0	682	2,728	0	4	16	0	686	2,744	0
	iii	3	8	1,327	4,644	8	23	80	8	1,350	4,725	0
	iv	2	8	396	990	0	623	1,557	8	1,019	2,547	8
IV	i	5	8	236	1,298	0	1	5	8	237	1,303	8
	ii	5	0	546	2,730	0	29	145	0	575	2,875	0
	iii	4	8	268	1,206	0	69	310	8	337	1,516	8
V	i	5	0	...	...	...	...	...	...	...	...	...
	ii	4	0	50	200	0	2	8	0	52	208	0
	iii	2	12	...	...	...	...	...	...	...	...	...
VI	i	5	0	9	45	0	...	...	...	9	45	0
	ii	3	12	4	15	0	2	7	8	6	22	8
VII	i	3	12	77	288	12	...	...	...	77	288	12
	ii	3	0	142	426	0	34	102	0	176	528	0
VIII	i	3	0	16	48	0	...	...	...	16	48	0
	ii	2	4	12	27	0	40	90	0	52	117	0
				4,284	16,751	4	828	2,326	8	5,112	19,077	12
Inam....				...	..	...	...	...	...	3,827	...	...
Total...				4,284	16,751	4	828	2,326	8	8,939	19,077	12

Statement showing the approximate Area of certain irrigable portions

Class and Sort.	The difference between consolidated wet rates and dry rates.	From Nagatur to Mittakandala.						From		
		Occupied.		Unoccupied.		Total.		Occupied.		
		Area.	Water Cess.	Area.	Water Cess.	Area.	Water Cess.	Area.	Water Cess.	
		9	10	11	12	13	14	15	16	
		RS.	A.	Acres.	RS.	A.	Acres.	RS.	A.	Acres.
II	i	4	8	273	1,228	8	7	31	8	280
III	i	4	0	2,028	8,112	0	3	12	0	2,031
	ii	4	0	5,118	20,472	0	252	1,008	0	5,370
	iii	3	8	3,225	11,287	8	351	1,228	8	3,576
	iv	2	8	565	1,412	8	520	1,300	0	1,085
IV	i	5	8	978	5,379	0	179	984	8	1,157
	ii	5	0	2,604	13,020	0	1,169	5,845	0	3,773
	iii	4	8	2,060	9,270	0	2,103	9,463	8	4,163
V	i	5	0	...	...	...	...	...	...	20
	ii	4	0	...	...	...	...	...	...	61
	iii	2	12	2	5	8	29	70	12	31
VI	i	5	0	...	...	...	...	...	...	...
	ii	3	12	7	26	4	...	7	26	4
VII	i	3	12	504	1,890	0	182	682	8	686
	ii	3	0	1,116	3,348	0	786	2,358	0	1,902
VIII	i	3	0	10	30	0	...	10	30	0
	ii	2	4	121	272	4	587	1,320	12	708
				18,611	75,753	8	6,168	24,314	0	24,770
				...	...	...	...	14,218	...	...
Total...				18,611	75,750	8	6,168	24,314	0	38,997
								1,00,067	8	45,898
								1,82,681	4	...

CAMP KURNOOL, 4th July 1863,

in Kurnool Proper together with charge of Water thereon.—(Continued.)

Mittakandala to Nandial tank.				Total.					
Unoccupied.		Total.		Occupied.		Unoccupied.		Total.	
Area.	Water Cess.	Area.	Water Cess.	Area.	Water Cess.	Area.	Water Cess.	Area.	Water Cess.
17	18	19	20	21	22	23	24	25	26
Acres.	RS. A.	Acres.	RS. A.	Acres.	RS. A.	Acres.	RS. A.	Acres.	RS. A.
26	117 0	272	1,224 0	577	2,596 8	33	148 8	610	2,745 0
119	476 0	4,612	18,448 0	6,982	27,928 0	123	492 0	7,105	28,420 0
334	1,336 0	15,486	61,944 0	20,952	83,808 0	590	2,360 0	21,542	86,168 0
904	3,164 0	12,946	45,311 0	16,594	58,079 0	1,278	4,473 0	17,872	62,552 0
490	1,225 0	1,851	4,627 8	2,322	5,805 0	1,633	4,082 8	3,955	9,887 8
82	451 0	1,338	7,359 0	2,470	13,585 0	262	1,441 0	2,732	15,026 0
1,192	5,960 0	5,853	29,265 0	7,811	39,055 0	2,390	11,950 0	10,201	51,005 0
3,347	15,061 8	8,332	37,494 0	7,313	32,908 8	5,519	24,835 8	12,832	57,744 0
10	50 0	30	150 0	20	100 0	10	50 0	30	150 0
37	148 0	98	392 0	111	444 0	39	156 0	150	600 0
53	145 12	132	363 0	81	2 2212	82	225 8	163	448 4
...	...	...	...	9	45 0	...	...	9	45 0
12	45 0	24	90 0	23	86 4	14	52 8	37	138 12
...	...	44	165 0	625	2,343 12	182	682 8	807	3,026 4
660	1,980 0	1,567	4,701 0	2,165	6,495 0	1,480	4,440 0	3,645	10,935 0
...	...	6	18 0	32	96 0	...	...	32	96 0
1,004	2,259 0	1,577	3,548 4	706	1,588 8	1,631	3,669 12	2,337	5,258 4
8,270	32,418 4	54,168	2,15,099 12	68,793	2,75,186 4	15,266	59,058 12	84,059	3,34,245 0
...	...	31,129	...	...	...	...	...	49,174	...
8,270	32,418 4	85,297	2,15,099 12	68,793	2,75,186 4	15,266	59,058 12	1,33,233	3,34,245 0

F. W. MORRIS,
Deputy Director of Revenue Settlement.

ABSTRACT.

Divisions.	Occupied.			Unoccupied.			Total.			Inam Land.	Total Land.
	Area.	Water Cess.	Average.	Area.	Water Cess.	Average.	Area.	Water Cess.	Average.		
1	2	3	4	5	6	7	8	9	10	11	12
From Sunkesala to Nagatur... ..	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Acres.
	4,284	16,751	3	828	2,327	2	5,112	19,078	3	4	8,539
From Nagatur to Mitta-kandala... ..	18,611	75,754	4	6,168	24,314	3	24,779	1,00,068	4	7	38,997
From Mittakandala to Nundial tank... ..	45,898	1,82,681	3	8,270	32,418	3	54,168	2,15,099	3	15	85,297
Total...	68,793	2,75,186	4	15,266	59,059	3	84,059	3,34,245	3	15	1,33,233
Amount of Water-rate at 4 Rupees per acre..		2,75,172			61,064			3,36,236			

AA.

STATEMENT showing the dry rate from which the effect of adding a four Rupees water-rate or three Rupees water-rate may be seen, on lands irrigated by artificial appliances.

Classes of villages.	Class.	Sort.	Total cultivable area and assessment.						Of which wet						Average per acre.					
			Cultivable area.			Dry assessment.			Under wells.			Under other sources.			On occupied.			On unoccupied.		
			Occupied.	Unoccupied.	Acres.	Rs.	Acres.	Rs.	Occupied.	Unoccupied.	Acres.	Occupied.	Unoccupied.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1st Class	II	i	Rs.	Acres.	Acres.	Rs.	Rs.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
			3	2,847	71	9,964	249	2,560	57	287	14	3	8	0	3	8	0	3	8	0
III	ii	i	2	21,700	637	79,250	1,592	196	4	1,543	28	...	...	...	...	...	...	...	...	...
			8	1,20,212	2,523	1,80,318	3,784	66	19	588	60	...	...	...	...	...	...	...	...	...
IV	iii	ii	1	79,671	5,694	79,671	5,694	22	4	184	24	...	...	...	...	...	...	...	...	...
			0	9,500	3,977	4,750	1,989	...	...	11	3	...	...	...	...	...	...	...	...	...
V	iv	iii	0	2,41,083	12,831	3,43,989	13,059	284	27	2,326	110	1	6	10	1	0	3	1	0	3
			8	20,599	1,765	30,899	2,648	75	11	2,279	208	...	...	...	...	...	...	...	...	...
			0	52,712	12,180	52,712	12,180	60	3	1,026	99	...	...	...	...	...	...	...	...	...
			8	42,854	22,862	21,427	11,426	16	65	403	42	...	...	...	...	...	...	...	...	...
			0	3,635	1,133	3,635	1,133	...	...	249	33	...	...	...	...	...	...	...	...	...
			0	6,849	3,435	3,424	1,718	...	...	114	20	...	...	...	...	...	...	...	...	...
			0	6,402	7,108	1,601	1,777	...	...	...	...	...	...	...	...	...	...	...	...	...
			4	1,33,051	48,473	1,13,698	30,882	151	79	4,071	402	0	13	8	0	10	2	0	10	2

Statement showing the dry rate from which the effect of adding a four Rupees water-rate or three Rupees water-rate, &c.—(Concluded.)

Classes of villages.	Class.	Sort.	Proposed rates.	Total cultivable area and assessment.				Of which wet.				Average per acre.	
				Cultivable area.		Dry assessment.		Under wells.		Under other sources.			
				Occupied.	Unoccupied.	Occupied.	Unoccupied.	Occupied.	Unoccupied.	Occupied.	Unoccupied.	On occupied.	On unoccupied.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st Class. (Contd.)	VI	i	RS. 1 0	Acres. 105	...	RS. 105	...	...	...	...	...	...	...
		ii	0 12	218	27	164	43	...	...	...	...	...	...
		i	0 12	4,245	1,342	3,184	1,006	...	...	...	...	...	...
		ii	0 8	11,516	10,065	5,758	5,033	...	...	...	...	...	...
		iii	0 8	942	265	471	133	...	...	...	...	...	...
		ii	0 4	7,365	7,042	1,841	1,761	...	...	...	...	...	...
2d Class..	II	i	3 0	554	13	1,662	39	294	6	260	7	3 0 0	3 0 0
		ii	0 0	4,629	53	9,258	106	54	...	266	5	...	...
		iii	1 4	28,929	1,502	36,161	1,877	65	5	121	27	...	...
		iv	0 12	35,118	2,938	26,339	2,204	44	17	94	49	...	...
			0 8	8,371	1,776	4,186	888	...	...	...	...	...	...
				77,047	6,269	75,944	5,075	163	22	481	81	0 15 9	0 12 11
Total 1st Class...				24,391	18,771	11,523	7,976	...	...	...	...	0 7 7	0 6 10
				4,01,372.	80,146	4,79,174	52,166	2,995	163	6,684	526	1 3 10	0 10 5

IV	i	1	4	6,942	563	8,678	704	107	11	500	14	...	...	...	...	...	...	...
	ii	0	12	18,163	2,016	13,622	1,512	145	18	546	70	...	...	...	...	...	...	...
	iii	0	8	20,964	10,587	10,482	5,293	34	25	202	139	...	...	...	...	...	...	...
V	i	0	12	1,591	225	1,193	169	36	...	13	6	...	...	...	...	...	...	...
	ii	0	8	8,498	2,059	4,249	1,029	6	...	29	16	...	...	...	...	...	...	...
	iii	0	4	5,181	6,777	1,295	1,684	7	21	11	10	...	...	...	...	...	...	...
				61,339	22,227	39,519	10,401	335	75	1,301	255	0	10	4	0	7	6	
VI	i	1	0	37	...	37	...	...	...	...	...	...	...	...	...	...	...	...
	ii	0	12	457	42	343	32	...	...	...	...	...	...	...	...	...	...	...
VII	i	0	12	5,044	605	3,783	454	...	...	...	...	...	...	...	...	...	...	...
	ii	0	8	12,442	3,869	6,211	1,935	...	...	...	34	...	...	...	...	...	...	...
VIII	i	0	8	1,548	317	774	157	...	...	...	...	...	...	...	...	...	...	...
	ii	0	4	11,051	4,870	2,763	1,218	...	...	...	14	...	...	...	...	...	...	...
				30,559	9,703	13,911	3,796	...	...	...	48	0	7	3	0	6	3	
				1,60,499	38,212	1,31,036	19,311	792	103	2,042	391	0	12	4	0	8	1	
Total 1st and 2nd Class.				5,70,871	1,18,353	6,10,210	71,477	3,787	266	8,726	917	1	1	1	0	9	8	

CAMP KURNOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

Dry Assessment, Rupees..	...	...	...	...	2,473
				At 4 Rupees.	...
Water rate, Rupees..	...	...	...	50,552	37,539
				Total Rupees..	62,269
Increase of Survey at 5 per cent, Rupees..	...	...	...	74,782	3,113
				Total..	65,382
Deduct Rusums for Road Fund and Village Servants' fees at 8.17 per cent..	...	...	...	6,415	5,341
Old Assessment for Fashi 1270..	1..	..	..	72,106	60,041
				86,891	86,891
Per centage..	...	...	...	14,785	26,850
				17.02	30.90

BB.
STATEMENT showing the extent of "Dofal," or double crop land in Kurnool Proper.

Taluka.	No. of Villages.	Bagayat.			Wet.			Total.			One-third of Column No. 8 for second crop.
		Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.		
1	2	3	4	5	6	7	8	9			
		Acres.	Rs. A. P.	C.	Acres.	Rs. A. P.	C.	Acres.	Rs. A. P.	C.	
1. Ramalakota ...	39	308	1,712 0 0	34	483	3,554 0 0	60	791	5,266 0 0	1,755	
2. Nandikotkur ...	25	511	4,510 0 0	43	152	1,671 0 0	17	663	6,181 0 0	2,060	
3. Nandial ...	18	344	4,221 14 2	17	148	3,278 14 0	52	492	7,500 12 2	2,500	
4. Sirwel ...	44	1,124	10,476 1 6	2	465	6,712 7 6	89	1,589	17,188 9 0	5,729	
Total...	126	2,287	20,919 15 8	96	1,250	15,216 5 6	18	3,538	36,136 5 2	12,045	

CAMP KURNOOL, 4th July 1863.

F. W. MORRIS,
Deputy Director of Revenue Settlement.

KURNOOL, COLLECTOR'S OFFICE,
17th October 1863.

No. 315.

From J. I. MINCHIN, Esq.,
Collector of Kurnool.

To THE ACTING DIRECTOR OF REVENUE SETTLEMENT,
at Madras.

SIR,

1. Having been favored with a copy of Mr. Morris' report on the Settlement of the four taluks of Kurnool proper, and understanding it to be your wish to have my views on the subject, with the least delay, I proceed to make such general remarks on his proposals, as from my local experience may be useful for its consideration by the authorities.

2. Mr. Morris has most correctly described the real scope of his operations as an equalization of the existing unequal rates, in completion of a process which has in fact been going on to a small extent for the last twenty years.

3. The local administration has for that period endeavored to afford compensation to the holders of land assessed too highly on the assumption of the district, in a few cases by partial lowering of those rates, but more generally by the grant of other lands, resumed Inams, and Government waste, on very favorable terms.

4. The result of this system, assisted in recent years by the favorable conjunction of high prices and good seasons, has developed admirably the agricultural resources of the district, so that the Ryots of Kurnool proper exhibit every evidence of prosperity. The revenue has for years been realised with extraordinary ease and punctuality. With the exception of uncleared jungle, and barren hills, there is little culturable waste, and even the highest assessed land bears a saleable value.

5. The increased value of the land has been strikingly evinced in the recent operation of procuring it for the Irrigation Company; when certain lands procured for the Company on liberal rates of compensation, and sold on behalf of Government as not required for the canal, realised a profit at public auction of more than 85 per cent.

6. As only such land was sold, as the original owner refused to take back at the price originally paid to him as compensation, this example is a striking proof of the high value now attached to the dry lands of the district, which fact, added to the general signs of agricultural prosperity, convince me that this interest has not been depressed by over-taxation, and that the land Revenue, hitherto drawn from the original taluks of Kurnool, is not greater than they can easily bear.

7. I consider that the agriculturists of these taluks require no relief from over-assessment, but simply an equalization of their burdens, and I should have suspected some error in Mr. Morris' Settlement, if the whole worked up from the parts, had shown any falling off from the existing Revenue. The result of an equilibrium, or possible small increase, should the survey areas prove somewhat in excess of what has been calculated, is in my opinion satisfactory and in some degree confirmatory as to the soundness of the rates.

8. I do not purpose a detailed examination of the mode by which Mr. Morris' rates are attained. His general statements of out-turn and expenses of cultivation may be relied on, while the gradations of each allotted to each of the numerous classifications of soil, appear to be merely empirical statements compiled to meet the requisitions of the department. In my opinion, it is impossible to make a correct calculation of the rent, or net profits per acre, more than the first class of any particular sort of soil. The money rate being fixed for that, the rates on the lower classes must descend according to some fixed scale, and any attempt to more than this must result in fictitious tables, the same result being attained by 'fudge' at a great waste of labour.

9. Taking the Black Cotton series of soils in his two classes of villages, range from Rupees 2-8, and Rupees 2 down to Annas 4 per acre, according to a varying scale.

10. I accept Mr. Morris' calculations of the net produce for the first class of soil, in the first class of villages, as substantially correct, and this money rate being thus fixed, the scale, according to which those rates decrease in each class of villages, is a mere matter of convenience, it being more advisable to make a rapid gradation and fewer rates, than to add to the number of the latter in obtaining the advantage of a more gradual fall.

11. I believe that the produce of the first class of soil, in the second class of villages, is correctly assumed by Mr. Morris, as at least one-fifth less than in the villages of the first class. The real difference would, if any thing be greater, as the expenses of cultivation can differ but slightly in the tracts of country comprising the different classes of villages, while the difference of out-turn cannot be less than the above proportion.

12. The difference of fertility, in what would be classed as the same soil, according to the table in the two tracts of country, is unquestionable, and the arrangement of forming separate classes of villages is the simplest mode by which this difference can be fairly proportioned in the Settlement.

13. I have no doubt as to the reasonableness of the higher rates, and that they can be easily borne by the cultivators. These rates will, in almost every case, be a reduction on what is now paid, and will consequently be accepted as a relief; any further lowering of them would, in my opinion, be a needless sacrifice of Revenue. It is only in the lower classifications, especially in the Lal, or Red series, that I have any doubt about the moderate incidence of the rates.

14. I have consulted with the Deputy Collector Ragoonadha Row, whose experience in valuing land made over to the Irrigation Company, makes his opinion on this subject very reliable. He considers that on the whole the classification is sound, and just; that the high rates are very moderately assessed, and that some land classified at Rupees 1-8, might indeed fall under a higher classification, and be charged Rupees 2; while on the other hand some of the land in the Red series charged with Annas 8, might advantageously be reduced to the lowest rate of Annas 4.

15. This opinion is quite in accordance with my own views. It is doubtful whether the poorer Red soils have any real net return, after paying the full value of the labour employed in their cultivation, and can consequently pay no rent, in the meaning applied to the term by political economists. It can bear an Assessment, because it may suit a peasant proprietor to devote his labour to its cultivation, in preference to using that labour on more remunerative occupations; but the Assessment must be very light, or it would be impossible to realise it with regularity, or under adverse circumstances.

16. I know that Mr. Morris has paid great attention to this point, as he agreed with my views as to the necessity of moderation in the lower rates, on soils hitherto held on a nominal Assessment. Still, as suggested by Deputy Collector Ragoonadha Row, it is the only part of the new Settlement, which may press heavily, and may require slight modification.

17. I am, however, entirely opposed to any gradual imposition of the new Assessment, as suggested by Mr. Morris in para. 109. Every precaution must be taken to render the Settlement equitable, and then whether its result be an increase of the Revenue, or a relief to the Ryots, there should be no hesitation in carrying out an immediate change. Any weakness in this matter would be unfair to the Government, which must at once accord all proposed reductions; while delays of this nature only increase the unpalatableness of disagreeable proceedings, and afford scope for speculation and fraud.

