SELECTIONS FROM THE RECORDS OF THE BOMBAY GOVERNMENT.

No. CCXVI.-New Series.

PAPERS

RELATING TO THE

REVISION SURVEY SETTLEMENT OF 102 DANGI VILLAGES

of the

AKOLA TÁLUKA

of the

AHMEDNAGAR COLLECTORATE.

Bambay: PRINTED AT THE GOVERNMENT CENTRAL PRESS.

1888. [Price-10 Annas.]

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FROM

W. M. FLETCHER, Esq.,

Superintendent, Poona and Násik and Southern Marátha Country Revenue Surveys;

To

THE COLLECTOR OF AHMEDNAGAR.

Survey Superintendent's Office, Camp Pusegaon, 21st April 1887.

Sir,

I have the honour to submit proposals for the revision settlement of No. 115 of 24th January 1886, in Government Selection No. CLXXXIV and No. 290 of 12th March 1887. Selection Selection and beg to refer you, to my reports noted in the margin, which deal with the settlement of the remaining 51 Government villages.

2. The 102 villages treated of in this report were originally settled in the years and under the authority given below :----

Year of Settlement.	Number of Villages.	Former Táluka.	Authority for Sanction of Settlement.
1848-49	97	Akola	Government letter No. 419 of 23rd January and (for mål lands) 1849.
1850-51	5	1	Government Resolution No. 3799 of 20th October 1860.

3. The original settlement report by Mr. Fraser Tytler, which has been printed as an accompaniment to these papers, gives full information as to the nature of that settlement.
progressive and preparatory one, intended to pave the way for the more exact system which has now been introduced. When Mr. Tytler commenced operations he found 4 different systems of assessment in force, each of which was worse than the other, and which were alike only in that irregularity and uncertainty pervaded them all, and in all of them the Kulkarni was supreme. The whole tendency of this mixed system

2.	Autbandi,	4	5 . .	Dalhi.	•

*

The whole tendency of this mixed system was to hamper and check industry.

4. Any attempt to put an end to this anarchical state of revenue affairs at one *coup*, and substitute for it a revenue system which should be complete in all its branches, must obviously have failed; and it was Mr. Tytler's aim to introduce a rough and inexpensive system, containing the germs of order and

Para. 19.

completeness, which should by gradual development prepare the ground for a complete Survey and Settlement.

5. All superior soils, rice, dry-crop, or garden, were at once measured, Para. 17. demarcated and assessed; of the rest, *i. e.*, the mál and hill lands, portions roughly defined were assessed

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in the lump, and given out on 5 years' leases, each cultivator paying for his portion a proportionate share of the lump assessment. Even this very partial measure of settlement was not, it appears, found practicable to a like extent in all villages; it is explained that only in the most easterly tract was it fully

carried out, the rice, garden and a great portion of the jiráit being there all measured into fields, and the Pars. 32. remainder leased : in the middle portion of the district the rice alone was measured and none of the jiráit, this latter being partially given out on leases ; in the most remote and western villages it appears no separate leases of the mál lands were given, but the rice lands merely measured and assessed.

6. The method of measurement had to be adapted to the agency at Mr. Tytler's disposal, viz., the Kárkúns of the Mámlat-Method of Measurement, dár's establishment and the Village Kulkarnis,—and paragraph 20 and following.

though each village boundary was fixed by Theodolite under the direction of a competent engineer, and thus the accuracy of the lump area sufficiently secured, it is evident that the internal measurements were merely approximate, and no large amount of accurate test was taken.

7. All the actually measured fields were classed by the same Kárkúns as were employed on the measurement, but 10 per cent. Old Classification, para. 36 of all classification was tested by European agency. and following.

Nine classes were made of dry-crop land ranging from 18 annas to 4 annas in assessment, and the rice land was ranged in 8 classes, the assessment of which varied from Rs. 2-8-0 in the highest to Re. 0-12-0 in the lowest class.

8. These rates, on the sanction of Government being obtained, were guaranteed for 30 years and applied, it will be understood, only to the land which had at this time been measured into fields and demarcated. The remainder lands were considered as mal and treated under a system of leases which were to

• A translation of the old form of lease will be found among the old correspondence printed with this report.

Mr. Fraser Tytler's report. No. 588 of April 18th, 1860, paragraphs 1-5 inclusive.

be revised every five years.* Subsequently, however, when, in 1855, Government ordered the work of revising these leases to be taken up, enjoining at the same time that all newly developed rice land and drycrop land should be measured and added to the existing registers, it was found

practicable to extend measurement and classification so as to include the whole of the lands hitherto not so dealt with, and the leasing system was entirely superseded.

The classification of these mail lands subsequently measured, was done 9. under similar rules to those used in assessing the dry-crop lands which had first been measured up, the range of values on the poorest soils being considerably higher than the scale now in use. The rules will be found printed, together with the old correspondence, among the accompaniments to the settlement

Report by Colonel Taverner, Superintendent, Bevenue Survey, on 22 villages of Dindori, No. 893 of 15th October 1875, and Government Selection CLXVIII on Revised Settlement of Igatpuri.

Government Resolution No. 3799 of 20th October 1860.

reports noted in the margin, where the merits of the old classification are fully discussed. The rates of assessment fixed by these final operations of Mr. Tytler's Dáng survey were sanctioned by Government and guaranteed for a term of years to expire simultaneously with the 30 years' lease, which had been granted in the case of the lands first measured.

10. There can be no doubt that the measures which have been reviewed above were admirably suited to the circumstances to which they were applied. They have paved the way most efficiently for the introduction of the regular survey system, which can now be brought in without risk of failure.

11. The imperfect nature of the old work convinced Government of the necessity of carrying out an entire re-measurement Re-measurement. and re-classification as the basis of the revised settle-

ment.	In the course	of these operations which have placed the revenue record of
Sur Pot	vey Nos. 19,426. t Nos. 5,984.	this tract in all ways on a par with present require- ments, 29,248 old numbers have become 25,410 new survey numbers and pot numbers.

12. It is unusual to find the total number of fields decreased by revision survey, and the explanation in this case is that every minute portion of low-lying land which seemed likely ever to be made into rice was entered in the old record as a separate 'chak' number, but from not being demarcated or correctly shown on the map, very many of these cannot now be traced at all, while many more, being held by the same cultivator who holds the surrounding mál land, have now been included in his survey number. Another cause which has reduced the number of new survey numbers is that 975 old numbers have been included in large forest numbers at Revision Survey.

13. The differences in area found in individual fields, between the old Differences in measurement and the revised survey record, are shown ment. in the subjoined table :---

Number Santa ald		Difference with in								
of Villages.	Serial old Number.	5 per cent.	6 to 10 per cent.	11 to 15 per cent.	16 to 20 per cent.	21 to 25 per cent.	26 to 30 per cent.	Over 30 per cent.	into Forest.	
102	29,248	5,801	8,408	2,670	2,341	1,968	1,526	10,559	975	

The differences found therefore were very great in a large proportion of cases, for in 56 per cent. of the total old numbers the area differed by more than 15 per cent. The apparent causes for the larger differences are tabulated below :--

Total old Numbers in which difference exceeded 15 per cent.	Adjoining Rivers and Roads.	Adjoining Hills and Forest.	Errors in old work.
16,394	1,363	6,435	8,596

The system of measurement employed at original survey was very rough, and the ground in this district is hilly and difficult, added to which is the fact that the old demarcation was not always kept up with care; it was to be expected therefore that large discrepancies would appear on a regular survey being introduced.

14,	T	he re	-class				een entire, as stated above, has been
Re-c	lassif	icatio	0.	done) in	the usual	manner; the scale used* being the
Class.		٦	Value.	Class.		Value,	same which has been applied in all
•1 .			16	6	•••	6	recent revisions, viz., the Joint
2	•••		14	7	**.*	4	Report valuation scale with the
8		-	12	8	444	3	addition of a 10th class. The rice
4	***	•••	10	9	•••	2	classification has been done under the
5 Maróth	 2 Co	••• •••	8 7 9 9 9] 10 Indonted	•••	1	system originated in the Southern

Marátha Country and adopted in this survey since the last 9 or 10 years.

	Description.						By Revision Survey,	Difference.	
						Acres.	A.cres.	Acres.	
Dry-crop	•••	•••	•••			129,468	141,159	+11,691	
Rice	•••	•••	•••			4,237	7,666	+ 3,429	
Garden	•••	•••	•••		•••	205	556	+ 851	
Not avai	lable for	cultivation	•••			108,371	90,00 6		
				Total		242,281	239,387		

15. The area obtained by the revision survey is given below under heads of cultivation, contrasted with the figures of the old record :---

The difference on the lump area is inconsiderable, and amounts to something more than 1 per cent. This was to be anticipated from what has been said above, but it is evident that the waste lands have been largely encroached on, while the rice area has increased by upwards of 80 per cent. and more than 11,000 acres have been added to the dry-crop head. It must be borne in mind however that the internal measurements of the old survey were not very accurate, and these figures therefore cannot be considered more than approximate.

16. The tract of country comprised in the villages under report is irregular Position and Physical in shape; its southern border, along which is its greatest length, is marked for some 18 miles by the

reatures. edge of the Gháts overlooking the Thána District, and then follows for about an equal distance the spur of hills, which begin from the old mountain fastness of Harischandragad, and run eastwards along the border of the Nagar and Poona Collectorates; to the west and north the boundary is also formed by a range of hills, or rather a precipitous descent, beneath which lies the Igatpuri Táluka of Násik; to the west are the Deshi villages of this same táluka which were brought under revision settlement last year. In general aspect the country is bleak and bare, but so broken up by valleys and ravines and hills that one loses sight of the fact that it forms one lofty plateau, and with difficulty recognises its main features. It is divided into three principal valleys which trend from north-west to south-east; the southernmost valley is drained by the Mula, the central one by the Pravara, and the northernmost by the Ardhala. Each river flows in a deep ravine far below the general surface of the neighbouring country, which thus derives no benefit from its waters. The central valley is the most open in conformation and advanced in progress; the southern is most rugged and inaccessible; the northern appears to have the greatest general altitude and contains the fewest villages.

17. The soil varies very little in kind, though its fertility differs with its Soils. depth ; it is usually of a light color (reddish or yellow)

and yields with a good rainfall very good crops of the hill grains usually here grown. The rice soil is not often good, and is seldom or never found with a really good supply of water.

18. The climate is on the whole, no doubt, much moister than that of the villages immediately to the east which were settled

1

last year, but is dry for a tract which lies on the crest of the Gháts, and I am inclined to think must now have a less heavy rainfall than when the original settlement was introduced. From Mr. Tytler's description of the country it would appear at that time to have been clothed with forest and scrub jungle; it is now quite bare except for the few forest reserves and such a change can hardly have been unaccompanied by a decrease in the rainfall. There is no place in the tract where a rain-guage is kept, but at Akola The average fall* for the last ten years has been 22.8, while at Igatpuri, which ad-

• Vide Appendix A. joins on the west, the average for the same period has been 131.6 inches. It is probable that the valley of the Mula, which is narrower and walled in with loftier hills than the others, has a heavier rainfall than the rest of the taluka.

19. The following precis of Appendix B. which is compiled in average of the last 5 years from the village records, shows the proportionate areas covered by the different crops raised :--

•				
	••		Kharif.	Rebi.
Cereals.—Nágli, Báj 18·1 13 Sawa, Bha 7·1 1·	·9 4· 2	••••	455	1.2
Pulses.—Udid, Kulth 1·1 0·6 Matki, Mug 0·1 0·1	0.3	•••	} 2.2	1.4
Oil seeds.—Khorasni, 169			169	0.2
Miscellaneous	0·7 	••••	2.1	1.1
. .			66.7	44
	Total	••••	71	1
Grass or fallow		•••	28	9
	Grand Total	•••	100-	, ,
		۰ ۱		

The early harvest almost monopolises the whole produce, but the second crops grown in rice land after the rice is harvested find no place in this return; they amount perhaps in proportion to about 1.5 and consist of wheat, watána, &c. Of the cereals rice and wheat are the most valuable though their area is not large, they are grown chiefly for export, as also to a less extent is bájri; náchni and sawa are the food grains locally consumed. Gram is the only pulse exported, the remainder are grown for food. The staple produce of the country however, is the oil-seed khorásni, which grows luxuriantly in the climate and soil here found, and covers, it will be seen, nearly 17 per cent. of the total cultivable area; it is largely exported.

20. The villages in the valley of the Pravara are best off in the matter of Communications. Calcutta main line of railway, to the Dhond and Manmád loop line, and thus serves as a feeder to each. The Bari Ghát by which this road descends into the Igatpuri valley is well engineered, and Rajur, the chief market of the tract under report and most eastern of the villages under report in the valley of the Pravara, is by this route within 32 miles of the railway. The only other maderoad in the tract under discussion is that which connects Kotul and the villages on its plateau with Akola; this is a local fund road and is kept in fair order. Another road, not yet completed but still under construction, is being made to open up communication between the Mula and Pravara valleys, and thus furnish the former with an outlet to the railway. This road runs due north from Ambit at the foot of Harischandragad and joins the Ghoti main road at Málegaon. Except where roads have been made the country is difficult for wheels, and away from the made-roads produce is chiefly carried by pack bullocks. There is a bullock track leading down into the Konkan from Ghátghar, at the head of the Pravara valley, which is much used; and another in the northern corner of the taluka gives access to the Igatpuri valley.

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21. The produce of the country, however, is chiefly collected by itinerant traders, who have their head-quarters at Rájur and Kotul and visit the villages with strings of bullocks

soon after harvest. Khorásni is the principal product; it is most usually exported in the seed, though the oil is locally expressed in some cases. There are 21 oil-presses of the usual rude description in the villages under report. The hirda or myrobalam is largely exported; Mr. Turnbull, who spent last fair season in the district, states that the produce of Government trees realised in that year Rs. 20,000, and he estimates that double that amount may be set down as the value of the yield from trees in occupied land. These figures refer to the whole táluka, but as a matter of fact almost the whole of the trees must grow in the villages now under report.

22. The statistics of the 102 villages included in the present proposals are summarised below. The figures for the year of settlement are taken from the old survey record, and those for 1885-86 have been furnished by the Collector's Department as the result of a special census, taken last July :---

		Year of Settlement,	1885-86,	Increase.	Decrease.	Per cent.
Population Houses { Flat-roofed or tiled Thatched Agricultural cattle Cows, buffaloes and young Sheep and goats Carts Horses and ponies Wells and budkis	• • • • • • • • • • • • • • • • • • •	708 3,564 11,338 16,405 3,061 111 322 107	36,405 1,481 5,123 11,238 19,483 2,929 315 328 809	12,518 773 1,559 3,078 204 6 202	 100 132	52.4 109.2 43.7 -0.9 18.8 -4.3 183.8 1.9 188.8

23. Population is increased by 52.4 per cent. and now represents a density Population Total area of the 102 villages = 374 square miles. a proportion of 4 acres per head of population.

24. Houses show on the whole a slightly higher rate of increase than Houses. population, and the greater proportion of the better description that have come into existence indicates an

improvement in the standard of comfort.

25. Agricultural cattle are found to have remained nearly stationary in Cattle. numbers, and indeed show a small decrease. It is evident, however, that as they are in proportion of one pair to every 17 acres of cultivated area the number kept is amply sufficient.

-		-			
Governu	nent oc	cupie	d and I	nám	
BCTES					138,360
Deduct	28.9-			418	39,987
	•				
					98,373
Divided	ь у 5,6	19 pa	irs of oz	ien=	
17 ac	res per	pair.			

The Akola Dáng country with its moist climate, and great expanse of poor hilly lands that if tilled yield only the coarser grains, is by nature well fitted for grazing, and accordingly we find that breeding cattle have here largely increased (by 18.8 per cent.); a fact which supplies the com-

8

plement to the opposite state of things found everywhere to exist in talukas better suited for cultivation.

26. Sheep and goats which were never numerous enough to be important sheep and goats. and which do not thrive in a moist climate have decreased.

27. Carts have risen in number from 111 to 315 and are numerous in the villages of the Pravara valley where they ply for hire on the made-road to the railway : in the remainder of

Horses and ponies.

before settlement. 28. Wells and budkis (the latter are but 6 in number) are now 309 against

Wells and Budkis. are for drinking, and 101 are out of repair. The old record does not distinguish

between different classes of wells, but it is needless to observe that a tract where rainfall is certain and soil uniformly poor, is not one where wells would ever be much used for irrigation.

29. In the subjoined tables the same figures which have above been commented on as a whole, are re-compiled under heads of the groups of villages for which, later in this report, separate rates of assessment will be proposed. The groups will be readily distinguished on reference to the accompanying map :---

		Hou	128.	Agricul-	Cows,	ı			
Group of	villages,		Popula- tion.	Tiled and Flat roofed. Ed.		tural Cattle.	Buffaloes and Young.	Carts.	
I1 Village. Occupied acres per head of Popula- tion 1.2.	Year of settlement 1885-86 Increase Decrease Percentage		1,623 2,262 639 39:4	175 296 121 69·1	98 62 36·7	1,369 1,118 251 —18·3	490 588 108 22.5	"18 18 	
II6 Villages. Occupied acres per head of Popula- tion 3.0.	Year of Settlement 1685-86 Increase Decrease Percentage	•••• •••• ••••	3,704 3,822 118 3-2	314 396 72 ^{***} 2·9	164 148 9 [.] 8	1,550 1,251 299 19·3	1,986 2,088 102 5.1	63 101 38 60-3	
III6 Villages. Occu- pied acres per head of Population 4.3.	Year of Settlement 1885-86 Increase Decrease Percentage	• • • • • • • • • • • • •	1,525 1,583 58 3.8	91 145 54 59·3	196 174 22 11-2	838 677 161 19-2	987 1,106 119 12·1	29 74 45 155 2	
IV21 Villages. Occu- pied acres per head of Population 3.8.	Year of Settlement 1885-86 Increase Decrease Percentage		4,336 7,369 3,033 69-9	71 295 224 315•5	734 1,053 819 43·5	1,8 64 2,375 511 27·4	2,763 3,252 489 17•7	1: 9: 8: 675*(
V5 Villages. Occupied acres per head of Popu- lation 5.0.	Year of Settlement 1885-86 Increase Decrease Percentage	 	1,004 1,262 258 25·7	21 39 18 85·7	134 205 71 53-0	483 397 	552 608 56 10·1	2 6 4 200-0	
VI37 Villages. Occu- pied acres per head of Population 4.7.	Year of Settlement 1885-86 Increase Decrease Percentage	 	8,137 13,221 5,084 62.5	33 256 223 675·8	1,518 2,171 653 43·0	3,747 3,840 93 2·5	6,438 7,302 864 13·4	5 26 21 420 0	
VII26 Villages. Occu- pied acres per head of Population 2.9.	Year of Settlement 1885-86 Increase Decrease Percentage	 	3,558 6,886 3,328 93-5	3 78 75 2,500-0	720 1,310 590 	1,487 1,580 93 6·3	3,199 4,539 1,340 41.9	••• ••• •••	

These figures show that the material progress attained during the last 30 years has been shared by the whole of the district. It is in the four last groups, however, which at the time of the old settlement were chiefly uncultivated waste and overgrown with jungle, that progress has been most rapid, and this of course was to be expected. In all the groups the improvement in the des-cription of dwellings is clearly seen. The increase or decrease in working cattle appears at first sight uneven in the different localities, but the proportion borne by the number to the area cultivated is amply sufficient in all. In the first and second groups, where some of the traders of Báiur and Kotul keep considerable second groups, where some of the traders of Rajur and Kotul keep considerable

strings of pack-bullocks, the proportion is abnormally high, but elsewhere it does not differ very much.

30. The figures for Government schools given in Appendix H. are obtained Education. Appendix H. from the Educational Department : from enquiries made by the classing establishment it would appear there are no private schools in the villages under report.

There are 10 Government schools for boys, with an average attendance of 381, and 24 girls attend at the girls' school. The proportion of the male population able to read is 3 per cent. (vide Appendix D.) including the 2 per cent. under instruction; the smallness of these proportions is easily explained by the wild character of the tract under report.

31. In Appendix I. will be found the usual information on the subject of Sub-tenures Appendix I. Sub-tenures. Of the total number of fields 76 per cent. are cultivated by the Khátedárs themselves, and 4.6 per cent. more by the Khátedárs in partnership with others. Three per cent. of the whole are sublet for money rents and 6 per cent. for rents paid in kind. Nine and a half per cent. are waste or not available for cultivation.

32. The three appendices mentioned in the margin are an abstract of the

Value of Land. Appendices K., L. and M. gage show a high range of value, but there is nothing special to note regarding them; the same remark applies to the 142 instances recorded of sales of land. Leases are comparatively few in number (49) and show a tendency to long periods, which is no doubt partly explained by the practice common in ghat districts of cultivating a three or four year rotation of crops followed by a fallow.

33. The course of prices in the Akola Táluka, and in the tálukás adjoin-Prices. Prices. In the Akola Táluka, and in the tálukás adjoinsettlement, and with a few exceptions for the 10 years

previous. The figures have been furnished by the Mámlatdárs and are for the most part the same as those submitted with the report on the Igatpuri Revision Settlement. The actual accuracy of the figures obtainable on this subject has never been asserted, but there is no reason to doubt their usefulness in ascertaining the general course of prices over a given period of years, though if the returns of one taluka are compared closely with those of another for each year differences are apparent. In the present tables it will be seen that there is an approximate agreement between the average prices of grains over considerable

•Akola, Sinnar, Sangamner. periods in 3* out of the four markets entered, and the inference must be that the figures of these three are probably more trustworthy than those of the fourth, viz. Igatpuri. In the subjoined table are given the average prices in the Akola Market of four grains, for 10 years before the introduction of the settlement and for 3 periods which together embrace the duration of the lease. Nágli is the main food-grain of the district, and I have, therefore, entered it here though the record of it for some years is wanting. Bájri is partly consumed and partly exported, but wheat and rice are raised chiefly for sale :--

	In see	rs of 80 T e	DLAS PER R	upe2.
Period.	Nágil.	Bájri.	Wheat.	Cleaned Rice.
Ten years before Settlement from 1838-39 to 1847-48	58 1	41	84 <u>1</u>	20
First 10 years of the lease from 1848-49 to 1857-58. Second 10 years of the lease from 1858-59 to	49	284	25 j	214
Concluding 18 years of the lease from 1868-69 to	227	151	111	97
1885-86	25 1	18	14	93

The second 10 years of the lease, which contain the period of the American War, show a higher average range of prices than the last 18 years, but the average of the latter is still more than 60 per cent. in advance of the average prices of the first 10 years after settlement, a period during which, as we shall presently see, the area of cultivation nearly doubled itself. There can be no danger in accepting the inference that the margin of profit has very largely extended since the present rates of assessment were settled.

34. The revenue history of the 97 villages which belong to the old Dáng settlement, and that of the 5 villages which belonged Ap-Revenue History. originally to the Junnar Táluka, are shown in separate pendices O. and P. appendices 0 and F. appendices. In the Dangi villages, as has been already explained, the settlement at first embraced only the rice land and the superior soil of other descriptions; and until the remaining lands were brought under survey, some 11 years later, the record does not fully show the increase in cultivated area that was going on. During the first period the cultivated area of measured land rose from 44,900 acres and 18,026 rupees to 52,199 acres and 19,466 rupees of revenue. In 1860-61* when the mail land, till then held on lease and unmeasured, has been brought on to the record of Government occupied land, the total area is at once further raised by 52 per cent. and the revenue by some 35 per cent.* From this point progress continued rapidly but steadily until 1872-73, whence for the next 10 years we find an unimportant decline with slight fluctuaions, but from 1882-83 the revenue has risen steadily and in the final year of the table (1885-86), has reached the highest figure yet attained. The history from a revenue point of view of the five villages which belonged formerly to the Junnar Táluka is more simple. In the year of settlement the occupied and unoccupied areas were nearly equal, viz., 2,963 and 2,905 acres respectively, and a gradual transfer from the latter to the former head went on until 1876-77, since which year the figures have remained steady at 6,073 acres occupied and 1 acre unoccupied.

35. Temporary remissions appear against the years 1853-54, and 1882-83, in the latter case being specially granted on account Remissions. In the 97 Dángi villages the

figures in the remission columns opposite the year of the mál settlement, 1859-60, merely indicate that the excess of the new over the old assessment was not levied in the first year. On the whole it will be seen that remissions have been quite unimportant, and outstandings unknown ever since the existing settlement was introduced.

36. From the information given in the subjoined form, furnished by the Pressure in collection of revenue. Mámlatdár, it appears that the revenue has been collected with ease, though last year 12 cases of distraint are reported :---

		Year.			No. of Villages.	No. of Notices.	No. of Cases in which distraint , was resorted to.
1883-84	•••	•			68	1,168	
1884-85	•••		•••	•••	53	528	
1885-86		***	***		53	456	12

37. The prosperity of the district and its great progress during the course Summary. of the settlement now to be revised, cannot, I think, be doubted by any one who considers as a whole the information above submitted. The increase in population, which has been great,

[•] The figures of 1859-60, the actual year of introduction of the Mál settlement, evidently include much land which the lease holders threw up when it was made to pay a regular assessment; I take therefore the succeeding year's figures as more truly showing the actual state of things.

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has been attended by a great extension of cultivation, by an increase of material wealth, and by indications of an improvement in the standard of comfort, while the increased revenue has been regularly and easily collected. All this has been the natural outcome of improved local communications and the approach of the railway, which have enabled the tract under report to share in the great general advance made by the whole country during the last 30 or 40 years. Government therefore, in revising the settlement, may well impose a moderate increase of assessment, and with that object the following proposals are submitted.

38. In the old Dángi settlement all the villages were treated alike and brought under similar rates; the process of bringing Distribution of the old the whole of the lands of the district under those rates assessment.

was gradual and was not completed for several years, but the rates of assessment were the same proportionately in the first as in the last villages, and no attempt appears to have been made to take into account the relative advantages of position possessed by different villages. Considering indeed the general absence of all roads, the great similarity of climate and the elementary stage in which the whole tract then was, any graduating of rates on such grounds was not called for.

The maximum dry-crop rate was fixed alike in all at Rs. 1-2-0. The five villages once belonging to the Junnar Táluka were settled by the method at that time practiced by the Poona survey, under maximum dry-crop rates of Re. 1-0-0 and Re. 0-12-0.

39. The revised rates of assessment sanctioned last year for the eastern

portion of the taluka give a clue to the rates which Proposed Rates. will be suitable on that side, while Igatpuri which was settled two years since adjoins on the west, and Junnar Taluka, also lately settled, touches the southern border of the tract now to be dealt with. The maximum rates in force in all the adjoining talukas are noted in the map; the groups of villages settled last year in this taluka are shown fully coloured, while the boundaries only are colored of the groups now proposed. These latter are as follows :---

GROUP I.-ONE VILLAGE (RAJUR), MAXIMUM DRY-CROP RATE Rs. 1-14-0.

This village, which is the principal market in the district, lies immediately to the west of the group for which Rs. 2 maximum Bordered with yellow ochre was last year sanctioned. Its climate is somewhat

on the map. moister and its lands are more hilly, but these drawbacks are partly counterbalanced by its advantages as a market town situated on a made-road. The maximum rate proposed for it is the same as was sanctioned last year for the villages in the valley of the Ardhala in the north of the taluka.

GROUP II.—Six Villages—Maximum Dry-crop Rate Rs. 1-10-0.

This group consists of the market town of Kotul and the villages which lie between it and Akola. These villages are situated on

Bordered with dark, green on the map.

a plateau which borders on the Dáng country, but have immediate access to the plain of Akola by the made-road which connects Kotul with that place. The climate is moister here than in the plain, but admits of more valuable produce being grown than is possible farther west.

GROUP III.-SIX VILLAGES-MAXIMUM DRY-CROP RATE RS. 1-8-0.

Four of these villages lie east of and have the same climate as the last

group, but are worse off for communications. The Bordered with light green other two lie north of Rajur, and share its climate; on the map. these have direct access to the Akola plain through

the gorge of the Pravara. The whole six villages adjoin others which were settled last year under the maximum rate now proposed.

GROUP IV .--- TWENTY-ONE VILLAGES--- MAXIMUM DRY-CROP Rs. 1-6-0.

.The main portion of this group embraces most of the villages in the valley of the Pravara, and extends along both sides of the Bordered with brown on made-road from the western border of the taluka as the map. far east as Rájur (which, however, lies on a lower level

and nearer the plain). This part is as well furnished with means of communication as any in this year's settlement. The western villages which are on the crest of the ghat have a very moist climate, but are compensated for it by being nearest to the railway, and thus come suitably under the same maximum rate as the more eastern villages which lie further off with a somewhat better climate. Under this same maximum rate are included 3 villages which adjoin Kotul on the west, and have much the same climate as the second group, but worse communications.

GROUP V.-FIVE VILLAGES-MAXIMUM DRY-CROP RATE Rs. 1-4-0.

Bordered with purple in the map.

This group is to the south of Kotul, and adjoins the villages for which a maximum of Rs. 1-4-0 was sanctioned last year. In climate it much resembles the second group, but means of communication are very bad and carts cannot be used.

GROUP VI.—THIRTY-SEVEN VILLAGES—MAXIMUM DRY-CROP RATE Rs. 1-2-0.

This group is made up of two divisions, lying north and south of the 4th group, the climate of which they may be said generally Bordered with vermilion . to share. The southern villages, which are rather on the map.

more cramped, and perhaps get somewhat heavier rainfall than the remainder, have the advantage of the newly made Local Fund road, and can thus get their produce removed by cart to the railway. In the same way the northernmost villages of the northern division of this group are compensated for their greater distance from the made-road, by occupying a rather more open country than the southern villages, and possessing a separate route of exit to the north by a rough cart track into the Sinnar Táluka.

GROUP VII.—TWENTY-SIX VILLAGES—MAXIMUM DRY-CROP RATE Re. 1-0-0.

This group includes the rough remote country which lies round the sources of the Pravara and the Mula, and overhangs the Bordered with indigo in Konkan for a distance of some 18 miles. The greater the map.

part of the Harischandragad mountain is also included in these villages, together with a strip of rough country east of it on the border of Junnar Táluka. The climate it need hardly be said is excessively moist, and cart tracks are almost unknown. The Junnar villages which adjoin have most of them been settled on the same maximum, viz. Re. 1, now proposed for this group.

40. For old rice land the maximum rates proposed are Rs. 8 in the first three of the above groups, Rs. 7 in the 4th, 5th and 6th groups, and Rs. 6 in the last. It is impossible Treatment of rice old and new. to compare the old and new maxima for rice land,

as the old maximum indicates the rate put on the best rice land then found in the district, while the new is what would be applied to the best possible combination of soil and water-supply if found; as a matter of fact there is no rice land in the villages now in question possessing the advantages which would be assessed at the actual maximum rates just quoted. The new rice land has been assessed in all cases within the ordinary maximum dry-crop rate, and thus treated in the same way as in the villages settled last year.

The total area of rice recorded by the old survey was 4,237 acres. Of this area 3,829 acres were Government land and assessed at Rs. 5,822 or an average of Rs. 1-8-4 per acre: by the revision survey these are found to be in all 7,666 acres of rice land of which 7,118 acres belong to Government and will, under the proposed rates, pay Rs. 11,493 or an average rate of Rs. 1-9-10 per acre.

42. The total area recorded as garden by the old survey was 205 acres, all Government land, which paid Rs. 525, or an average assessment of Rs. 2-9-0 per acre. By revision Garden Land. survey there are 556 acres, of which the Government area is 512 acres. Of this again 102 acres are Motastal and will pay under the proposed rates Rs. 150 or

Rs. 1-7-6 per acre; the remaining area, 402 acres, is Pátasthal and will pay an average rate of Rs. 2-6-5 per acre, or Rs. 966 in all. The streams from which the paths are drawn for this irrigation are not perennial, and are useful only for raising inferior kinds of garden produce. The orders of Government have been closely adhered to in assessing the well garden land; no addition on account of irrigation has been made to the assessment of lands watered by wells sunk since the commencement of the lease, and land under wells previously constructed has been assessed within the maximum dry-crop rate.

Estimated result of proposed rates. 43. The following table which is a précis of Appendix Q. gives the estimated results of the rates of assessment above explained :--

	Maximum	Number	By FORMER	SURVEY,			BY REVISIO	N SURVEY.			
Class.	Dry-crop Tate.	of Villages,	Govern occupied		Governm occupied		Govern unoccupie		Tota	J.	Percentag In crosse.
	Rs. a, p.		Acres.	Rs.	Aores,	Re.	Acres.	Rø,	Aores.	Rs.	
1	1 14 0	1	2,651	878	2,555	1,841	110	89	2,665	1,380	52-7
2	1 10 0	6	9,579	4,718	10,966	5,687	2,607	652	18,681	6,339	20.2
8	1 8 0	6	5,700	2,564	6,266	2,595	1,626	82 5	7,792	2,920	1.8
4	1 6 0	21	25,072	7,796	26,667	10,402	722	158	27,889	10,560	\$8.4
5	1 4 0	5	5,119	1,400	6,119	1,825	1,247	241	7,866	2,066	80*4
6	1 8 0	87	52,888	14,080	59,492	17,240	8,865	578	68,367	17,819	22.4
7	100	26	15,066	8,676	18,659	4,271	684	130	19,548	4,401	19.4
	Total	102	115,584	85,012	180,722	43,361	11,021	2,123	1,41,748	45,484	23.8

The total increase imposed on Government occupied land amounts, it will be seen, to Rs. 8,349 which is equivalent to 23.8 per cent., but it is to be noted that as the occupied head includes upwards of 15,000 acres which have hitherto escaped assessment, the net rise is in reality less. The increase on the first group appears at first sight to overstep the limits laid down for increase on groups of villages, but as only one village is concerned the limit which really applies is 66 per cent. and this has not been exceeded. This village (Rájur) moreover must be regarded as forming part of the group in last year's settlement under the maximum rate of which it has been brought. On the 3rd group which contains 6 villages the increase will be but 1.2 per cent. This is due to the unaccountably high rates of assessment formerly placed on the villages of Digámbar, Pimpaldari and Pimpalgaon—Nakinda; no explanation of such exceptionally high rates can be given, and these villages must be taken merely as extreme cases of inequality which the roughness of the old system sometimes failed to detect.

44. The general inequality of the old assessment may be seen from the percentages in column 34 of Appendix Q. But many cases which seem greatest are found on examination to be due mainly to difference in area. The villages

wi ç	LOWING OIL OILOR	
	Villages.	Increase per cent.
38	Keli Otur	82 4
77	Pánjra	84.3
	Udadawna	93.1
81	Ghátghar	84.2
	Sayanvádi	86.1
	Sátevádi	66.6
91	Kumshet	800.0
98	Shirpunj Khurd	100.0
	Ambit	76.5
102		93.0

noted in the margin are those which show increase beyond the allowed limit of 66 per cent., and an explanation of the causes to which the abnormal increase is due in one or two of them will suffice to make the subject clear. To take Kumshet as an extreme instance,—a village which lies in quite the wildest part of the district, as indeed do most of the villages in which the old survey record appears specially imperfect—in Kumshet the increase of assessment by the new rates amounts actually to 800 per cent. which is due to the

fact that the existing revenue is but Rs. 4, recorded as covering 20 acres of dry-crop land, whereas the revenue survey shows there are 35 acres of dry-crop and 34 acres of rice in cultivation. The latter area has now been assessed at dry-crop rates averaging Re. 0-11-9 per acre, and the revision assessment on the whole occupied land (69 acres), will amount to Rs. 36. In Shirpunj Khurd, where the increase of assessment amounts to 100 per cent., there are found to be 205 acres of dry-crop land in occupation, now assessed at Rs. 33; whereas the old survey records but 82 acres; which pay Rs. 13. The old rice area is 6 acres assessed at Rs. 7, there are by revision survey 9 acres assessed in all at the same sum. It seems useless here to go through in detail any further cases; but enough perhaps has been said to show that though considerable inequalities no doubt existed, and were inseparable from the rough nature of the old system, yet the cases which appear at first glance excessive are often due to ordinary causes.

45. There is an assessed unoccupied area shown by revision survey of 11,021 acres assessed at Rs. 2,123, but as the forest settlement of this taluka is not yet finally completed some alteration may be expected in these figures.

46. The results of the revision survey are contrasted below with the figures of the old settlement under every head :---

Description.		By Forme	or Survey.	By Revisi	on Survey.	Judi or Quit rent.
		Acres.	Rs.	Acres.	Rs.	
Government occupied land	••••	115,584	35,012	130,722	48,361	
Government unoccupied ass ed land		10,867	2,683	11,021	2,123	•••
Inám	•••	7,459	2,806	7,638	2,874	1,376
Government unassessed, arable hills, &c.	un- 	108,371.	•••	90,006	•••	
Total	••••	242,281	40,501	239,387	48,358	1,376

47. The average assessment on Government occupied land of all descriptions by the former survey was Re. 0-4-10; by the proposed rates it is Re. 0-5-4 which is equivalent to an increase per acre of 6 pies.

48. I beg to recommend in conclusion that the proposed rates, if approved, be guaranteed for 28 years so as to expire simultaneously with the lease sanctioned last year for the rest of this Táluka; in introducing them all increases of more than 25 per cent. on individual Khátás will be gradually imposed under the provisions of Government Resolution No. 3541 of 4th May 1885.

I have the honour to be,

Sir,

Your most obedient Servant, W. M. FLETCHER,

Superintendent, Poona and Násik Revenue Survey.

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APPENDIX A.

STATEMENT OF RAINFALL.

Registered at the Mámlatdárs' Kacheris.

							RAINVALL	AT				
3	(es 15.		Akol	A.	Igatp	ari.	Sangam	ner,	Junn	ar.	Sinn	ar.
			Inches.	Cents.	Inches.	Cents.	Inches.	Cents.	Inches.	Cents.	Inches.	Cents
	1		2	3	4	5	6	7	8	9	10	11
1875	•••		No	record.	148	27	No	record.	No	record.	No	recor
1876	•••		8	98	114	57	6	59	12	38	08	50
1877	•••		11	88	. 68	26	16	29	37	79	17	.88
L878	***		30	53	160	54	26	73	51	80	33	48
18 79		•••	31	33	133	25	22	17	35	85	36	62
1880	•••	•••	16	11	123	95	15	41	20	44	17	89
1881	•••		18	27	126	83	14	69	26	91	20	90
1882	• • •	#1 •	28	61	161	70	26	02	29	89	27	87
1883.		•••	30	55	133	42	81	95	55	28	3 9	98
1884	•••	•••	28	90	153	88	21	09	46	79	29	53
1885	•••	•••	23	37	123	17	23	36	29	61	31	15
	Total	•••	2 28	53	1,447	84	204	30	346	24	263	30
A	verage	•••	22	85.	131	62	· 20	* 43	34	62	26	

W. M. FLETCHER, Superintendent, Poona and Násik and

S. M. Country, Revenue Surveys.

APPENDIX B.

STATISTICAL TABLE No. IH.

Detail of Cultivation, Average of five years from A. D. 1881-82 to 1885-86.

District.	Burnau 1 With	Сторя.	Percentage of Tot	al Cultivation of Gov	ernment Lands,
District.	Surveyed Villagea.	Crops.	Total.	Kharif.	Rabi.
1	2	. 8	4	5	6
			Percentage.	Acres.	Acres.
kola Táluka of the Ahmednagar Collectorate	Khálsa 102 villagos	Nágli Khorásni Bájri Sáva Rice Miscellaneous Bhádli Urid Jowári Jowári Mug Miscellaneous Kardai or Safflower Tobacoo Total	18·1 16·9 13·9 7·1 4·2 2·1 1·9 1·1 0·6 0·3 0·3 0·1 1·4 1·2 1·0 0·7 0·1 28·9 100·0	21,867 20,354 16,805 8,619 5,087 2,496 2,306 1,297 761 370 367 128 92 80,549	 1,678 1,421 1,174 907 67 34,855 40,102

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N. B .- The areas in this statement refer to Government land only.

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W. M. FLETCHER, Superintendent, Poona and Násik and S. M. C. Revenue Surveys.

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APPENDIX C.

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Statement showing the Villages in which the principal Weekly Bázárs are held in the Akola Táluka of the Ahmednagar Collectorate.

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No. Villages. is held. Articles. Amount. 1 2 3 4 5 6 1 2 3 4 5 6 1 2 3 4 5 6 1 Kotul 100 Whest, gram, rice, Bájri, Nágli, and minor gram. 1 Kotul 100 Sáris, Pásadis, Cholis or women's bodices, Diblies, and of Sáris, Pásadis, Cholis or women's bodices, Diblies, and of Sáris, Pásadis, Cholis or women's bodices, Miscellaneous 5 2 Akola 2 Akola 3 Rájur Monday All kinds of grain 3 Rájur Monday All kinds of grain 3 Rájur Monday All kinds of grain<	I					Days on which	h the Bázá	ír.	Wa:	KLY SA	lks.			
1 Kotal Wednesday All kinds of grain 100 Wheat, gram, rice, Bájri, Nágli, and minor graine, String, Pásodis, Cholis or women's bodices, Dhotariodas. 1 Kotal Wednesday All kinds of grain 100 Wheat, gram, rice, Bájri, Nágli, and minor graine, Dhotariodas. 2 Akola <t< th=""><th>No.</th><th></th><th>Villages</th><th>•</th><th></th><th>üs ho</th><th>ld.</th><th></th><th>Articles</th><th>•</th><th></th><th></th><th>Amount.</th><th>Chief articles traded in</th></t<>	No.		Villages	•		üs ho	ld.		Articles	•			Amount.	Chief articles traded in
1 Kotul Wednesday All kinds of grain 100 Wheat, gram, rice, Bájri, Nágli, and minor grains, Pásodis, Cholis or women's bodices, blilies, and oi String, Pásodis, Cholis or women's bodices, Miscellaneous 1 Kotul 20 Wheat, gram, rice, Bájri, Nágli, and minor grains, Pásodis, Cholis or women's bodices, Dhotarjodas. 2 Akola Yegetables, fruits and Pánvel. 2 Akola Saturday Yegetables, fruits and Pánvel. 3 Rájur Monday All kinds of grain 2,500 Wheat, gram, rice, Bájri, Jowári, Nágli, Khor and minor grains. 3 Rájur Monday All kinds of grain 2,500 Wheat, gram, rice, Bájri, Jowári, Nágli, Khor and minor grains. 4	1		2	<u> </u>		3			\$				5	6
2 Akola Saturday 100 Ghee, Jágri, Supári, salt, chillies, spices, and o 2 Akola 100 Iscolar and clothes Iscolar and clothes 125 Ghee, Jágri, Supári, salt, chillies, spices, and o 3 Rájur Miscolar eous 100 Sáris, Pásodis, cholis or women's bodices 3 Rájur Monday 2,500 Wheat, gram, rice, Bájri, Jowári, Nágli, Khor 3 Rájur Monday 225 Wheat, gram, rice, Bájri, Jowári, Nágli, Khor 3 Rájur Monday 225 Wheat, gram, rice, Bájri, Supári, spices, chillies, oil, cocoar 6c. 800 Sáris, Pásodis, Cholis or women's bodices, Dho	1	Kotul	•••	•••	•••	Wednesday	•••	{	Cloth and clothes	***	•••	•••	100 20 25 5	Wheat, gram, rice, Bájri, Nágli, and minor grain Ghee, jágri, Supári, salt, spices, chillies, and oil. Sáris, Pásodis, Cholis or women's bodices, an Dhotarjodas.
8 Rájur Monday All kinds of grain 2,500 Wheat, gram, rice, Bájri, Jowári, Nágli, Khor and minor grains. 8 Rájur 225 Ghee, jágri, Supári, spices, chillies, oil, cocoar &c. 8 Cloth and clothes 800 Sáris, Pásodis, Cholis or women's bodices, Dho	2	Akola	•••	•••		Saturday		{	Groceries Cloth and clothes	•••	*** ***	•••	100 125 10	
Miscellaneons 25 Vegetables, fruits and Pánvel.	3	Rájur	•••			Monda y		{	Groceries		•••	•••	2,500 225	Ghee, jágri, Šupári, spices, chillies, oil, cocoanut &c. Sáris, Pásodis, Cholis or women's bodices, Dhota and Chavalis,

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STATISTICAL TABLE No. IV.

Detail of Population.

-			Ma	LES.		Fem	ALER,			CAN	erad of are Li	LABNING TO	DO SO.
Táluka,	Caste.		Under 15 years of age.	Above 15	Total Males.	Under 12 years of age.	Above 12 years of age.	Total Females.	Total of Columns 5 and 8.	Ma	les.	Fe	males.
	•		years of age.	years of age.		years of age.	years of age.			No.	Per cent.	No.	Per cent.
1	2		8	4	5.	6	7	8	9	10	11	12	13
<u></u>								· [
	Christians	{	 	•••	•••		•••	 		•••	••••	***	•••
	Jews	{		•••	#** 1 • 3	 	•••	•••		***	••• ···	•••	•••
ges of the orate.	Jains	{	 48		16 166	 45			19 271	 129	77.7	*** **	•••
tt Villa luka of Collect	Lingáits	{	B * *		1 	***	•••	 	· 1	·	 	***	
'ernmer kola Tá nagar	Musalmáns	{			144 235		 120	108 210	252 445		 8·1	•••	*** •••
102 Government Villages of the Akola Táluka of the Ahmednagar Collectorate.	Bráhmans	{	 75	 102	216 177	54	 120	192 174	408 351	 134		•••	•••
• •	H Others	{	8,626	9,552	12,312 18,181	6,179	10,978	10,895 17,157	23,207 35,338	296	 1∙6	•••	670
	Total	{	8,870	9,889	12,689 18,759	6,368	11,278	11,198 17,646	23,887 36,405	578	 3 [.] 1		

The upper line of figures is that of the previous Settlement.

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W. M. FLETCHER, Superintendent, Poona and Násik and S. M. Country, Revenue Surveys.

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APPENDIX E. STATISTICAL TABLE NO. V. Occupation of the People.

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District	Surveyed Villages.	•	Occupat	ion.	i		Number.
1	2		3				4
kola Táluka of the Ahmednagar Collectorate	102 Government villages	{	Agricultural Partly agricultural Non-agricultural	 Tota	{ { {	No. 25,393 8,816 7,196 23,887* 36,405	Percentage. 69-8 10-5 19-7 100-0

*The upper line of figures is that of the previous Settlement.

APPENDIX F.

STATISTICAL TABLE NO. VI.

Return of Houses, Chávdis, Wells, &c., and of Live and Dead Stock.

				House	8.	-		WI	U.L	-	Car Plo	TS AND	•						Ln	B STOCK.							
Táiuka.	Surveyed Villages.												Нога	e and 1	Ponies.	Fem	ale Buffs	lices.		Cows.		Oxen	and young	young.	10		
		Chávdie.	Tiled,	Flat-roofed.	Thatched.	Total.	For Irrigation.	Drinking.	Out of repair.	Total.	Carte.	Plougha.	Old.	.guno¥	Total.	Old.	.gamo¥	1001	- Old	Young.	Total.	Cart and Flongh and Buffaloes.	Eheep, old and y	Goats, old and 3	Donkeys, old young.	Mulos	Çamela.
1	3	8	•	5	8	7	8	9	10	n	12	18	16	16	16	17	18	19	90	ध्रा	23	28	24	25	26	27	98
Akola Tiilaka of the Ahmod- nagar Collectorate.	102 Government villages≺	No record.	706	8	8,564	4,979	No record.	No record.	die record.	107	111	9,970	No record.	No record.	892	Ne record.	No record.	8,117	No record.	No record.	18,288	11,888	1,029	2,08 2	70		**
nagar Colisciorate.		14	1,481		5,128	6,618	89	168	101	303	815	4,276	208	30	3 38	1,947	1,095	8,042	10.408	6,035	18,441	11,238	324	2,605	98	••	**

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م. ریکندورد ارد

APPENDIX G.

				ما	Carrier.								Tim	71.04
Number of Villages.	District.	Ahope,	Oll-prames,	Cotton.	Woollens.	Vand-gina.	Birthn. 	Deatha.	Vaccination.	Liquor shops.	Talimkhanas.	Dharmshálaa.	Altodu.	Musa man.
1	1	8	4	5		7	8	9	30	n	12	13	14	15
- iac	Akola TSluka of the Akonel- angur Collectoric	61	A	1	33		1659-53 1,163 1353-84 1,055 1355-85 1,672 1355-85 1,659 Total 4,667	2555-68 824 Total 8,589	1921-42 No record 1932-43 1,257 1953-44 2,52 1254-65 2,24 kois-65 2,26 Total 8,278 Avange 2,569	} 1	1	4	397	4

Statement of Shops, Looms, Temples, &c., and average Births, Deaths, Vaccination, in 102 villages of Akola Taluka, of the Ahmednagar Collectorate.

APPENDIX H.

Statement of Schools together with their average attendance in the year 1885-86 in the Villages of the Akola Táluka of the Ahmednagar Collectorate.

-			Coverses	TT BULLOULA.		PRIVAR	Schoola.	
HIGGON.	District.	3	• 5 2.	G	cha.	B	78.	Ramana.
Nummer of Vislagen.		Sumber of Schools,	Average atte ad-	Sumber of Reheals.	Average stimut- ance.	Fumber of Achoola,	Averages attract- salos	
1	2	:	•	5		Ÿ	8	9
×2	Akola Táluka	10	381	I	94	-		

APPENDIX L

Statement showing the Proportion of Government Occupied and Inám lands culticated by Occupants and Sub-tenants, 5c., in the year 1835-86.

I GI VILLINGTON	District.	COLORY 1	anders deci by a te or Ales.		and by sain or ars in credup			and ten	used by acuts for acce of	Numbers.	ole Mutationn.	Total I	Sember.	Rugator.
Auno		Govern-	Inim.	Govera-	laim.	Gortena-	Inden.		Inim.	Waitho 1	Parampok	Govern-	hin.	
	*	3	4	5	6	7	8	•	10	n	12	13	14	15
.96	Abola Täinka of the Alexand- Negar Collectorate	15, 648 7 3~4	732 28		72	749		1,513	140 01	2,551 8-9	120 919	21,401 98-4	916 315	

W. M. FLETCHER,

Superintendent, Poona and Násik and S. M. Country, Bevenue Surveys.

APPENDIX J.

Statement of Wells, Tanks and Budkis in the villages of the Akola Táluka of the Ahmednagar Collectorate in the year 1885-86.

		₩el	ls with Si	un Va te.	LLAGE	W	ells in Numi	SURVI	IY		DETA Colu 8 to	MNS		TAN	(3,				Bud)KIS,		
			d for ation,	Used Drinl	for sing.	Used Irrig	for ation.	Used Drin	for king,		t lement.	tlement.	Accord old m me	ling to easure- int.	Accord new me	easure-		Pal	.	Kao	h á .	
Number of Vil- lages,	District.	In good order.	Out of repair.	In good order.	Out of repair.	In good order.	Out of repair.	In good order.	Out of repair.	Total.	Wells dug before las Wells dug since las Used for Irrigatio	Used for Irrigation.	Used for Drinking.	Used for Lrrigation.	Used for Drinking.	Total.	Old.	Nøw.	Old.	New.	Remarks.	
1	2	8	4	5	6	7	8	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23
102	Akola Taluka of the Ahmednagar Collectorate			109	1	39	18	54	82	303	107	196	•••					· · · · ·	•••		6	

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W. M. FLETCHER, Superintendent, Poona and Násik and S. M. C. Revenue Surveys.

APPENDIX K.

Statement of Sales of Land in Villages of the Akola Táluka, Ahmédnagar Collectorate, from the Records of the Sub-Registrar from 1883-84 to 1885-86.

]				[AMOUNT	REALIZED.	
Date of Trans- action.	Number,	Villages.	Sarvey Number.	•• Land, Inám or Government:	Arable Area,	Assess- ment.	Rupees.	Number of years' Multiple of Survey Assess- ment.	Remarks,
1	8	3	±	5	6	7	8	. 9	10
					A. g.	Rs. a. p.	Rs, a.		
683-84	1 2	Pimpalgaon Nákinda. Do,		Government Do		7 13 0 8 13 0	40 0 100 0	5·1 11·3]
	3	Do. ,	Portion of 237 Gat No. 20 chak No. 16	Do	0.10	716	100 0	13-2	
			INO. 10	Total	3 4	796	1		
,,	4	Páitan	Gat No. 11 chak	Government	1 54	1 14 8	179 0	93·4	
,, ···	5	Do	Portion of 36 63	Do Do	1 A 805	1 1 1 2 11 6	290 0	76-6	
ļ	•			Total	2 04	3 12 7			
	6	Kotul Mukundji	108	Government	1 30 0	22 14 3 9 2 0	399 0	17:4	
,,	7	Do	242 111 169	Do Do	4 36	4 14 0 4 10 0	\$ 500 O	20-0	
		· · ·	183	Do Total		6 6 0 25 0 0) 		
,	8	Kotul Bhágévádi	. 384	Government	15 4	6 1 0	65 0	10.7	
99 644 99 644	. 9	Do	346 354	Do Do		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	85 4	9.0	
ĺ				Total	22 19	970			
		_ (Portion of 247 Do, 252	Government	6 97	2 12 6 3 3 10)		> Private sale.
, ,	10	Do.	Do. 253 Do. 253	Do Do	0 31	0 5 4 2 13 2	} 799 0 }	87.1	FIIVED BAID.
				Total	9 28	9 2 10			· · .
n	11	Do	. Portion of 244 Do. 286	Government	4 9 0 29	2 14 8	200 0	· 68•6	Ì
Ĩ			Do. 286 Do. 290 S61	Do Do Do	0 32	2 14 8 0 4 0 0 5 0 4 14 0			1
» ···	12	Do	362 364 395	Do Do	8 29 12 34 9 17	230740	375 0	22-0	
		1	. Portion of 548	Do Do	0 10	070	J		
				Total	37 22	17 1 0			
	13	Do.	131 Portion of 126	Government Do	10 14 2 29	7 2 0 2 10 0	} 790 0	81-0	
				Total	13 3	9 12 0			
¥3	14 15	Do. Do.	013	Government Do	86 521	23 11 0	499 0 300 0	21 · 1 62 · 3	
57 694 93 694	16	Do	. Portion of 213 Gat No. 12 chak	Do	037	4 13 0 0 4 0	49 0	196·0	
112 yr	17	Dhámaogaon Pátá- chá.	No. 8 Portion of 316 Do, 322	Do Do Do		0 8 3 0 3 6 0 8 6	99 0	78·2	ļ
	,*		L D0, 322	Total	0.001		ľ		
÷		6	1		·				J

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APPENDIX K-continued.

				•			AMOUNT	REALIZED.	
Date of Trans- action.	Number.	Villages.	Sarvey Number.	Land, Inám or Government.	Arable Area.	Assess- ment.	Rupees.	Number of years' Multiple of Survey Assess- ment.	Remark
1	2	3	4	5	6	7	8	9	10
1883-84 .	18	Dhámangaon Pátá- chá-continued.	Gat, No. 1 chak No. 11 Do. 1 do. 12 Do. 1 do. 14 Do. 1 do. 14 Do. 1 do. 15 60 63	Do	A. g. 0 6 0 5 0 21 0 23 14 20 9 5 25 04	Rs. a. p. 0 3 3 0 2 8 0 6 6 0 14 1 8 2 0 2 14 0 12 10 6	Rs. s. } 75 0	5∙9	
,,	19	Palsunda	Gat No. 19 chak No. 9.	· · ·	0 21	0 1 6	20 0	213-3	
99 ···	20 21	Pádalna	Portion of 26 Do. 27 Do. 27 Do. 28 Do. 50 Gat No. 2 Portion	Do Do Do Do Do Do	1020	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	30 0 50 0	12•0 8•5	
ĺ		ť	of chak No. 1.	Do Total	5 124	5 14 1			
987 39	22 23	Khadki Abitkhind	20 Gat No. 3 chak No. 2. 6	Government Do Do Total	$ \begin{array}{r} 7 24 \\ 0 13\frac{1}{3} \\ 7 6 \\ \hline 7 19\frac{1}{3} \end{array} $	$ \begin{array}{r} 1 & 14 & 0 \\ 0 & 7 & 1 \\ 3 & 9 & 0 \\ \hline 4 & 0 & 1 \end{array} $	30 0 } 340 0	16·0 84·9 •	
g , 1.,	24	Kotul Nims }	Portion of 247 Do. 252	Government Do Total	0 27 0 10 0 37	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	} 120 O	144.0	
,,	25	Do	Portion of 10 Do. 205 Do. 209	Government Do Do Total	3 21 2 26 5 16 11 23	8 9 6 2 5 0 4 6 6 15 5 0	50 0	3.3	> Privato sa
y g em	26	Shelad {	Gat No. 8 chak No. 10. 41		0 14 1 20 12 20 26 2	0 10 8 4 2 0 4 12 8	99 0	20.7	
39	27	Kelungan			0 254	1 1 10	30 O	26 <i>-</i> 9	
" " …	28	Do}	No. 112. Da. 2 do. 18 Do. 2 do. 19 94	Da Do Do Total	0 26 0 12 1 7 20 8 18 1	0 13 7 0 7 4 1 13 0 3 1 11	} 55 0	17.6	
,,	29	Shelviḥirs {	Gat No. 4 chak No. 54. Do. 4 do. 78	Government Do Total	0 30 2 0 18 1 8 2	1 2 6 0 8 8 1 11 2	100 0	58-9	
,,	30	Ambevangan	Gat No. 6 chak		0 153	0 10 2	10 0	15.7	
yy	31	Ládgaon {	No. 13. Do. 1 do. 26 Do. 1 do. 27	Do Do	0 6 0 13	0 2 10 0 9 1	} 27 0	36-3	
				Total	0 19	0 11 11		4	j .

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APPENDIX K-continued.

					•	,	Amount	REALIZED,	
Date of Trans- action.	Number.	Villages.	Survey Number.	Land, Inám or Government, 	Arabie Area.	Assess- ment.	Rupees.	Number of years' Multiple of Survey Assess- ment.	KBMARES.
1	2	3	4	5	6	7	8	9	10
1863-84.	32	Ládgaon {	Gat No. 1 chak No. 24. Do. 1 do. 25.	Do	A. g. 0 4 1 0 10	Rs. a. p. 0 3 3 0 6 0 0 9 3	Rs. a.	57-1	
93	33	Do {	Gat No. 3 chak No. 3. Do. 3 do. 8.	Total Government Do Total	0 142 0 41 0 291 0 34	$ \begin{array}{r} 0 & 3 & 3 \\ 0 & 2 & 3 \\ 1 & 1 & 1 \\ \hline 1 & 3 & 4 \end{array} $	60 0	49'7	
н р	34 35	Terungan Do	79 Gat No. 8 chak	Government Do	14 39 0 17	2 13 0 0 11 5	30 0 20 0	10·7 28·8	
R	36	Do	No. 7. Do. 1 do. 11. Do. 1 do. 18. Do. 2 do. 67.	Do Do Do Total	0 9 1 0 3 0 34 <u>1</u> 1 64	$\begin{array}{r} 0 & 6 & 11 \\ 0 & 1 & 6 \\ 1 & 2 & 11 \\ \hline 1 & 11 & 4 \end{array}$	\$ 100 0	58.2	
	07	Mánhers	Gat No. 8 chak		0 321	174	20 0	18.7	La
30 31 32 32	37 38 39 40 41	Do Bhandardara Rajur: Do	No. 6. Do. 19 do. 2. 65 162 355 75	Do Do Do Do Do Do	0 25 17 8 6 19 13 35 1 18	0 14 10 3 4 0 2 0 0 7 13 0 1 6 0	30 0 21 0 51 0 399 0	32·4 6·5 25·5 51·1	
ور	42	Keli Kotul	Portion of 110 120 121 122 131 132 141 142 143 176	Do Do Do Do Do Do Do Do Do Do	0 21 23 17 2 12 2 33 2 8 0 29 16 23 4 22 6 11 19 0	0 2 0 9 0 0 1 1 0 1 3 0 2 0 0 0 12 0 0 13 0 3 0 0	70 0	3-2	Private sale.
				Total	79 34	21 11 0			1
33	43	Do	Gat No. 12 chak. No. 2. Do. 12 do. 4. Do. 12 do. 5. Do. 12 do. 10. Do. 12 do. 7.	Government Do Do Do Do	0 243 0 61 0 8 0 3 0 7	0 15 5 0 3 1 0 4 0 0 1 6 0 3 6	46 0	26 8	
				Total	19	1 11 6	1		
90 ··· 22 ··· 34 ··· 13 ···	44 45 46 47	Chándsuraj Do Do Lahit Khurd {	27 26 5 Portion of 15 Do, 17	Government Do Do Do	12 34 5 16 14 4 0 11 0 31	$\begin{array}{c} 4 & 13 & 0 \\ 2 & 6 & 0 \\ 4 & 6 & 0 \\ 0 & 1 & 0 \\ 0 & 5 & 0 \\ \end{array}$	99 0 59 0 51 0 } 99 0	20 6 24 8 11 7 264 0	
D H	48	Pimpaldari {	124 120	Total Government Do Total	1 2 3 17 10 20 13 37	$ \begin{array}{c} 0 & 6 & 0 \\ 1 & 10 & 0 \\ 4 & 5 & 0 \\ \hline 5 & 15 & 0 \end{array} $	} 300 O	50 5	
	49 50	Do Bholevádi 1	121 72 73 74	Government Do Do Do	5 83 1 4	2 14 6 0 4 0 6 13 0 0 1 0	380 0 } 299 0	130 8 42 0	
				Total	13 15	720			

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APPENDIX K-continued.

			1	•			Assessmen	T REALIZED.	
Date of Trans- action.	Num- ber.	Villages.	Survey Number.	Land, Inám or Government.	Arable Area.	Assess- ment.	Rupess.	Number of years' Multiple of Survey Ascess- ment.	Remarks
1	2	3	4	5	6	7	8	9	10
883- 84 .	51	Chinchavna {	Gat No. 10 chak No. 10. Do, 2 do. 18. Do, 8 do. 20. Do, 8 do. 20. Do, 8 do. 22. Do, 8 do. 25. Do, 8 do. 26. Do, 8 do. 29. 3 Portion of 4 187	Government Do, Do, Do, Do, Do, Do, Do, Do, Do, Do, Do, Do, Do, Do, Do,	A. g. 0 251 0 74 0 3 0 34 0 34 0 144 0 134 2 39 0 31 34 35 40 38	Rs. a. p. 0 12 10 0 5 7 0 2 1 0 2 7 0 2 3 0 5 8 0 11 5 0 11 0 0 10 7 1 2 0 0 5 0 13 9 0	Ru. a.	10.2	
884-85 .	52	Shinganvádi	Gat No. 1 chak No. 12. Do. 1 do. 15. Do. 1 do. 16. 4 5 6	Government Do Do Do Do Do Total	0 264 0 9 0 2 8 0 15 25 3 8 27 304	1 2 6 0 2 6 0 1 0 2 0 0 3 14 0 0 13 0 8 1 0	} 650 O	8-1	
53 87	53 54	Pimpalgaon Nákivda Pimparkana {	199 Gat No. 7 chak No. 14. Do. 6 do. 89.	Government Do Do Total	4 32 0 111 0 14 0 251	3 14 6 0 8 0 0 10 6 1 2 6	300 0 } 99 0	· 76•8 }- 85•6	
· · · ·	5 5	Do	Gat No, 7 chak	Government	1 1#	1 13 2	100 0	54-9	. Privato sale
93 93 93 33 34 35 35 35 35	56 57 58 59 60 61 62 63	Do Ládgaon Terungan Rájar Do Do Do Do	No. 70. Do. 4 do. 22. Do. 23 do. 7. Do. 10 do. 15. Do. 6 do. 49. 201 1 7	Do Do Do Do Do Do Do Do	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	48 0 190 0 20 0 20 0 45 0 100 0 40 0 100 0	34.0 25.4 55.7 78.4 10.3 7.7 18.8 136.2	
a)	64 65 66	A'mbevangan Bhandárdara	No. 14. Do. 1 do. 5. Do. 7 do. 9.	Do Do, Do	$\begin{array}{c} 0 & 23 \\ 0 & 3 \\ 0 & 14 \\ \end{array}$	1 1 0 0 2 6 0 7 1	12 0 20 0 100 0	11.3 128.0 225.9	ļ
,,	67	Shelvihira Do {	Do. 4 do. 55. Do. 1 do. 7. Do. 1 do. 8. Do. 1 do. 9.	Do Do Do Do	0 4 0 64 0 94	0 1 7 0 2 7 0 3 6	100 0	208-7	
				Total	0 20	078	•		
3,	68	Do { •	Gat No. 1 chak No. 4. Do. 1 do. 6.	Government Do Total	0 3 1 0 4 1 0 8	0 1 6 0 2 1 0 3 7	} 50 O	223-3	
93 ··· 91 ···	69 70 71	Kelungan Kohondi Banat Budrukh	Portion of 11	Government Do, Do,	7 6 0 26 1 0 28 1	240 118 139	22 4 25 0 40 0	9-9 22-6 32-4	
, ,	72	Khirvira {	No. 66. Do. 11 do. 9. Do. 21 do. 4.	De Do	0 20] 0 8	078 027	} 35 0	54-6	
				Total	0 284	0 10 3			j

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					i .		Assessmen	et realized.	
Date of Trans- action.	Num- ber.	Villages.	Survey Number.	Land, inám orli Government,	Arable Area.	Assess- ment.	Rupees.	Number of years' Multiple of Survey Assess- ment,	Remarks
1	2	3	4	5	6	7	·8	9	10
					A. g.	Ra. a. p.	Rs. a.		
84-85 .	73	Khirvira }	283 284	Government] Do Total	13 4 16 1 29 5	$ \begin{array}{r} 3 4 0 \\ 3 0 0 \\ 6 4 0 \end{array} $	} 80 O	} 12.8	ר
5)	74	Do	21	Government	10 16	340	21 0	6.5	
,,	75	Bori {	138 147 148	Do Do Do	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	4 1 0 3 2 0 3 1 0	200 0	} 19.5	
				Total	32 4	10 4 0		-	
93 13 13	76 77 78 79	Do Do Kotul Nima Do	186 Portion of 32 147 205 209	Government Do Do Do Do	16 5 8 16 8 14 5 12 10 33	$\begin{array}{c} 9 & 1 & 0 \\ 8 & 7 & 1 \\ 6 & 4 & 0 \\ 4 & 10 & 0 \\ 8 & 12 & 0 \end{array}$	200 0 200 0 350 0 } 675 0	22 · 1 23 · 7 56 · 0 } 50 · 2	
•			208	Total	16 5	8 13 0 13 7 0	, ,	, ,	
33 •••• 13 ••• 13 ••• 13 ••• 13 ••• 13 ••• 14 ••• 14 •••	80 81 82 83 84 85 86 87 88	Do Do Pángri Do Pimpalgaon Khánđ Do Do Do Do	67 Portion of 156 Do. 147 176 83 107 244 216 307 Portion of 81	Government Do Do Do Do Do Do Do Do Do	3 22 2 18 4 7 14 16 2 5 15 7 1 26 5 15 2 19 3 104	2 11 0 2 8 0 3 2 0 9 0 0 5 11 0 5 11 0 2 11 0 1 3 0	99 0 165 0 350 0 150 0 25 0 50 0 75 0 71 0 140 0	36-8 66-0 112-0 16-7 25-0 8-8 120-0 26-4 117-9	
,	89	Kotvl Mukundji {	Do. 82 Do. 112	Do Do	$ \begin{array}{r} 3 & 10 \\ 2 & 15 \\ 2 & 19 \\ \end{array} $	6 3 0 2 10 6 0 14 9	}1,500 O	} ¹⁵³ ·6	
				Total	<u> </u>	9 12 3			Private sal
19 400 19 40 19 40 19 40	90 91 92 93	Do Do Palsunda Do	Portion 183 Do. 166 10 9 Gat No. 8 chak No. 1	Government Do Do Do Do	$ \begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	2 12 0 0 14 0 2 10 0 0 11 0 2 0 6	95 0 20 0 125 0 125 0	34.5 22.9 47.6 181.8	
	94	Shelad	Do. 8 do. 2. Do. 8 do. 3. Do. 8 do. 4.	Do Do Do	0 64 0 114 0 61	$\begin{array}{cccc} 0 & 4 & 4 \\ 0 & 6 & 10 \\ 0 & 6 & 2 \end{array}$	800 0	96.3	
	95	Do	Gat No. 7 chak	Total	1 31 1 2 11 1	3 1 10 4 13 9	<u> </u>	. 00.4	
,	96	Tala	No. 10. Do. 1 do. 8. 47 52	Do Do Do	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	4 13 9 1 15 4 5 8 0 1 9 0	99 0 } 82 0	20·4 } 9·1	
				Total	32 29 1	904	-	Í	
"	97	Vibir {	42 Gat No. 1 chak No. 20,	Government Do	520 021	4 10 0 1 0 3	} 163 0	} 28.7	
	98		22	Total Government	5 221 11 32		60 0	10-2	ĺ
11 4.1. 13 4.1.	99 ⁹ 100	Maveai	Gat No. 1 chak No. 34. 11	Do Do	0 36 11 37	178	46 0 20 0	31·1 5·3	
,,	101	Keli Kotul {	141 142	Do Do	$\begin{array}{ccc} 16 & 23 \\ 4 & 22 \end{array}$	2 0 0 0 12 0	} 40 0	14.5	
				Total	21 5	2 12 0			

APPENDIX K.—continued.

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APPENDIX K—continued.

							AMOUNT	RRALIZED.	
Date of Transac- tion.	Number.	Villages,	Survey Number.	Land, Inám or Government.	Arable Area.	Assess- ment.	Rupees,	Number of years' Multiple of Survey Assess- ment.	Remarks.
1	2	3	4	5	6	7	8	9	10
					A. g.	Rs. s. p.	Rs, s.		
1884-85 . "	102 103 104 105	Do Pimpaldari		Government Do Do Do	3 29	3 0 0 3 12 0 2 9 0 0 2 4	49 0 49 0 100 0 21 0	16·3 13·1 39·0 144·0	
" … 1885-86 . " …	106 107 108 109 110 111	Do Pimpalgaon Nákinda Do.	No. 3. 176 187 146 148 148 145 212 189	Do Do Do Do Do Do Do	35 6 9 33 12 5 17 3 9 22 9 22	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	50 0 41 0 100 0 200 0 300 0 300 0	20·3 66·6 31·2	
				Total	18 4	30 0 0			
99 ···: 29 ···	112 113				1 1 1/1	3140 071	+ 40 0 40 0	10·3 90·4	
53 53 53 53	114 115 116	¯ ἡ .	No. 55. Do. 6 do. 2. Do. 7 do. 11. Do. 4 do. 15. Do. 15 do. 42.	Do Do Do Do		3 2 7 1 5 6 0 14 1 0 13 1	100 0 90 0 } 40 0	67 • 0	
				Total	0 381	1 11 2	-		
, ,	117	Vánjulshet		Government	19 38 0 7≩	1 6 0 0 3 10	100 0	72-7	} Private sale.
" "	118	A'bitkhind	No. 4. Do. 3 do. 5. Do. 3 do. 6. Do. 3 do. 7. 95	_		$ \begin{array}{c} 0 & 9 & 7 \\ 0 & 3 & 1 \\ 0 & 1 & 4 \\ 1 & 1 & 0 \end{array} $	200 0	9 1-9	
				Total		2 2 10			
p ,	119	Pángri	99 102	Government Do	6 10 12 19	1 2 0 2 12 0	200 0	51 -6	
				Total	18 29	3 14 0			
93 ···· 93 ····	120 121	Do, Mavesi	79 Gat No. 6 chal No. 4.	Government Do	0 224	320 137	20 0 86 0	70-3	
93 874 99 111	122 123	0 - 1 1	175 Gat No, 7 chal No, 10.	Do Do	1 9 21	2 10 0 6 8 9	25 0 299 0	9·5 45·6	
93 *** 93 *** 99 ***	124 125 126	1 m -	. Do. 7 do. 38. Do. 7 do. 37. 16 17 Gat No. 7 Portion	Do Do Do Do Do	$ \begin{array}{c cccc} 0 & 14_{2} \\ 26 & 9 \\ 1 & 11 \\ 0 & 111 \end{array} $	1 5 2 0 11 7 5 0 0 0 7 0 4 13 9	$ \begin{array}{c} 45 & 0 \\ 45 & 0 \\ 200 & 0 \end{array} $	34·0 62·2 19·4	
			of chak No. 7.	Total	29 311	10 4 9		7	}

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							AMOUNT	REALIZED.	
Date of Transac- tion.	Number.	Villages.	Survey Number.	Land, Inám or Government.	Arable Ares.	Assess- ment.	Rupess.	Number of years' Multiple of Survey Assess- ment.	Remarks.
1	2	3	4	5	6	7	8	9	10
1885-86 .	127	Shelad	of chak No. 7.		A. g. 0 9 <u>∎</u>	Rs. a. p. 079	Rs. a. 44 0	90 . 8)
53 ···	128 129	Rájur Ghoti	16 Gat No, 45 chak No. 90,	Do Do	5 6 1 8	$\begin{array}{ccc} 1 & 5 & 0 \\ 2 & 0 & 4 \end{array}$	50 0 225 0	38 · I 111 · 3	
yg	130	Shisvad	Gat No. 1 chak	Do Do,	15 2 0 8 4	$\begin{array}{cccc} 2 & 13 & 2 \\ 0 & 4 & 8 \end{array}$	40 0	14-2	
33	131	Sávarkuta	No. 7. Do. 16 do. 102. Do. 17 do. 23	Do Do	$\begin{array}{c} 0 & 4\frac{1}{2} \\ 0 & 3\frac{1}{2} \end{array}$	0 3 1 0 1 9	35 0	58.9	
gg 4	132	Titvi {	Gat No. 11 chak No. 36. Do. 11 do. 39.	Total Government Do Total	0 16 <u>1</u> 0 12 0 6 0 18	0 9 6 0 9 0 0 4 2 0 13 2	} 50 0	36*5	
» ···	133	Kohondi }	Gat No. 4 chak No. 8. Do. 4 do. 9.	Government Do Total	0 10½ 0 6½ 0 16¾	0] 5 4 0 10 1 0 15 5	} 35 0	36-3	Private sede.
31 •••	134	A'mbevangan ••• {	Gat No. 3 chak No. 1. Do. 3 do. 2. Do. 3 do. 3. Do. 3 do. 4. Do. 3 do. 5. Do. 3 do. 6. Do. 2 do. 2.	Government Do Do Do Do Do Do Total	0 3 ¹ / ₄ 0 5 0 4 ² / ₄ 0 11 ¹ / ₄ 0 7 0 6 ¹ / ₄ 0 13 ¹ / ₂ 1 11 ¹ / ₄	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	100 0	48 °2	
y	135 136	Devgaon Do	Gat No. 6 chak	Government Do	15 3 0 0 23	3 15 0 1 1 2	30 0 22 0	7 •6 20 •5	
99 ····	137 138	Shenit Do }	No. 2. Do. 7 do. 23. Do. 7 do. 17. Do. 7 do. 20.	Do	0 18 0 23 1 21	0 13 11 0 10 11 1 14 9	125 0 200 0	143·7 76·8	
	, , ,			Do Total		2 9 8	1	•	
,,	139	Do	Gat No. 6 chak	Government	0 262	1 1 4	150 0	138-5	ļ
yy	140 141 142	Keinngan Digambar Baltan	No. 28. Do. 3 do. 69. Portion of 3 Do. 62	Do Do Do	0 61 2 391 7 0	0 12 0 2 10 0 2 3 0	50 0 150 0 50 0	66 · 6 57 · 1 22 - 9	ļ

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W. M. FLETCHER, Superintendent, Poona and Násik and S. M. C. Revenue Surveys.

APPENDIX L.

Statement of Leases in Villages of the Akola Túluka, Ahmednagar Collectorate, taken from the Sub-Registrar's Records from 1883-84 to 1885-86.

Date of Trans- action.	Num- ber.	Villagos.	Survey Number.	Land, Inám or Government.	Arable Area,	Assess- ment.	Amount realized.	Period of Lease.	Sum paid in advance or how.	Government due paid by	REMARES.
1	2	8	4	5	6	7	8	9	10	11	19
1863-84 .	1	Vihir{	Gat No. 1 chak No. 15 Do. 7 do. 18 Do. 7 do. 24 Do. 8 do. 1 Do. 8 do. 4 Do. 8 do. 6 Do. 8 do. 7 Do. 8 do. 7 Do. 8 do. 9 Do. 8 do. 10 Do. 8 do. 12	Do Do Do Do Do Do Do Do Do Do	$ \begin{array}{c} 0 & 1 \\ 0 & 1 \\ 0 & 5 \\ 0 & 1 \\ 0 & 8 \\ 0 & 2 \\ 0 & 7 \\ \end{array} $	Rs. a. p. 0 0 10 1 8 1 0 4 3 0 2 6 0 0 7 0 0 6 0 3 6 0 0 8 0 1 8 0 1 4 0 3 0	Rs. a.	Yrs. ms. 15 0	In advance	Lessee	
₿3 ₽00 83 000 83 000	3	Kátlápur Ládgaon Titvi Kotul Nima	Gat No. 1 chak No. 18	Do, Do Do Do Do Do Do	6 34 0 31 0 17 0 11 10 20 3 1 4 31 0 37 2 38	2 10 4 8 0 0 0 15 6 0 12 0 0 20 14 0 0 10 0 3 4 0 1 0 3 2 0	30 0 50 0 40 0 } 175 0	4 0 9 0 8 0 6 0	Do Do Do Do	Owner Lessee	
yy	6	Tala{	Portion of 5 Gat No. 2 chak No. 14	Total Government Do Total	10 25 0 3	29 1 0 5 6 0 0 2 0 5 8 0	} 10 0	50	Do	Do	
33 444	7	Páchnai {	Gat No. 1 chak No. 16 26	Government Do 7 Total		0 6 0 8 8 0 8 14 0	} 60 O	50	Do	Do	

1

з » » в 1292	••• •••	8 9 10	Ghátghar ·Sámrad Dhámanvan {	(/ · · · · · · · · · · · · · · · · · ·	Government Do Do Do	. 0	20 4 8 9	10 0 0 0 3 6 0 5 0 0 4 0	}	50 20 30		8 2 3	0 0 0	Do. Do. Do.	••••	Do. Owner Lessee	••• •••
όο "	•••	11	Fopsandi{	11 19 -	Total Government Do Total	. 7	5 20	0 9 0 3 8 0 7 12 0 11 4 0	}	100	0	7	0	Do.	•#•	Do.	•••
93 37 -	•••	12 13	Somalvádi Laváli Kotul {	25 Gat No. 1 chak No. 3 Do. 1 do. 4 5	•	0 0 0	0 5 4 12 21	10 0 0 0 3 0 0 2 0 2 2 0 2 2 0 2 7 0	}	50 40		4	0	Do. Do.	•••	Do. Do.	
38 85		14 15	Khetevádi Baltán{	10 Gat No. 1 chak No.*2 Do. 1 do. 8	Government Do Do Total	. 0 1 . 0	3	4 0 0 0 6 6 0 2 0 0 8 6	}	30 20	- F	3 2	0	Do. Do.	••••	Do. Do.	•••
"	•••	16	Kohona {	Portion of 19 25	Government Do Total	. 12	5 0 5	1 2 0 5 10 0 6 12 0	}	50	0	4	0	Do.	***	Do.	
9)_ 13	•••	17 18	Do Shenit {	16 Gat No. 9 chak No. 4 Do. 9 do. 6	Government Do Do Total	. 0	4 113 5#	5 8 0 0 5 6 0 4 2 0 9 8	}	20 50		2 13	0	Do. Do.		Owner Lesseð	,

APPENDIX L-continued.

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Date of Trans- action.	Num- ber.	▼ille	Villages. Survey Number.		y Number.	Land, Inám Governmen		Arable Area	Assess- ment.		Amount realized.		Period of Lease,	Sum paid advance or l	in how.	Government paid by	đue	Remarke.		
1	2				4	5		6	7		8		9	10		11		12		
								A. g.	Rs. a.	. D.	Rs.	B.	Yrs. ms.	<u> </u>						
1884-85 .	19	Shenit		. 4	46	Government		11.00	22		50		13 0	In advance		Lessee	•••			
93 •••	20	Do.	{	Gat No. 8 Do. 8	chak No. 16 do. 19	. Do. Do.			04 03	5 5	} 50	0	13 0	Do.	•••	Do.	<i>,</i>			
	-					Total	***	0 17	07	10										
3 7 •••-	21	Khirvira	{	Portion of Do.	345 350	I D.	***	1 0 15	04 010	0 0	} 96	0	90	Do.	•••	Do.	•••			
						Total	•••	3 25	0 14	0								•		
13	22	Do.	,,	. 1	85	Government	•••	5 18	15	8	· 100	0	10 0	Do.	•••	D0.	•••			
n	23	Do.	••• ••	. Portion of	7	. Do.		6 13	24	6	100	0	10 C	Do.		Do.	•••			
**	24	Do.	••• ••	. Gat No. 1	chak No. 4	. Do.	•••	$1.5\frac{3}{4}$	1 10	3	100	0	10 0	Do.	***	Do.	•••			
» ···	25	Do.	. ••• ••	. 1	48	. Do.		18 15	37	0	75	0	10 0	Do.	**1	Do.	•			
47 ···	26	Pimpalgao	n Khánd	. 2	49	. Do.		11 0	2 12	0	199	0	60	Do.	•••	D 0.	•••			
23 •• •	27	Do.		. 2	29	, Da	•••	20 0	3 12	0	38	0	5 0	Do.	***	Do.	•••	•		
»» ···	28	Shirpunja	Khurd		19	. Do. '	•••	4 20	2 13	0	25	0	80	Do.	***	Do.	•••			
» ···	29	Sinda		. :	35	. Do.	•••	11 8	54	0	30	0	40	Do.		Do.				
37 ···	30	Sátevádi	{	Gat No. 3 Do. 3	chak No. 8 do. 9	. Do. Do.	•••		0306	0	} 40	0	40	Do.	•••	D o .	•••			
				[Total	•	0 17	09	6										
ı	31	Uddávna		Portion of	4	Government	•••	3 12	14	0	25	0	30	Do.		Do.				
yy 424	32	Náchantáv		Do. 1		Do.	•••	8 12	22	0	20	0	20	Do.	•	Owner				
1 1-1	33	Shirpunja	Budrukh.	2	25	Do.		5 20	3 12	0	30	0	4 0	Do.		611147				

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		1. 1. juli: 1. juli: 1	-					· .			- 1			í						
1 3	34	Kumbhshet	{	Gat No. 1 chak No. 4 Do. 1 do. 5	••••	Do. Do.	•••	05 010	0	2 7	6 6	} 40	0	5	0	Do.	•••	Do.		
						Total		0 15	0	10	0									
	•																	ļ		
1,	85	Ambit	•••	Gat No. 1 chak No. 4	•••	Government	***	07	0	4	0	20	0	2	0	Do.	***	Do.	••••	-
77 - 11	36	Vágdari	•••	16	•••	Do.	•••	9 30	5	0	0	2 5	0	3	0	Do.	•••	Lessee	••••	
1885-86 .	37	Pimporkaua	•••	Gat No. 3 chak No. 6	•••	Do.	•	0 16	. 0	9	7	35	0	8	0	Do.	•••	D0.	•••	
,,	38	Do	{	Do. 7 do. 45 Do. 6 do. 100 Do. 6 do. 25	••• •••	Do. Do. Do.	8 8 8 8 8 7 9 8 7 9	0 8 0 2] 0 11 1	0 0 0	5 1 8	9 9 2	} 100	.0	15	0	Do.	4	Do.		
						Total	•••	0 22	0	15	8									
-	0 0					-										•				
,,	39	Khadki		Gat No. 1 chak No. 9	***		•••	0 18 1		12 1	- 1	60	0	11		Do.	814	Do.	•••	
'ŋ •••	40	Do	•••	Portion of 34	•••	Do.	•••	7 15	0	14	0	55	0	7	0	Do.		Do.	•••	
y, 1	41	Ghoti	{	Gat No. 1 chak No. 7 Do. 4 do. 31 Do. 5 do. 45	*** ***	Do. Do. Do.	*** ***	1 11 2 0 36 0 20 <u>1</u>	1	1 10 14	1	} 75	0	11	0	Do.	\$ \$\$	Do.		
						Total	••••	. 2 28	8	9	9									
, ,	42	Purusvádi		Б		Government		19 35		15	_	99	0	15	0	Do.		Do.	·	
J1 1	43	Kotul Mukundji		20		Do.		18 20		4	- 1	100		10		Do.	•••			
	44	Do		40		Do.		11 5		- 0		50			o	Do.	•••	D	•••	
,,	45	Do		A . A A A A A A A A A A		Do.	••••	0 8	ł		0	50			0	Do.				
n	46	Dhámanvan		Do. 1 do. 12		Do-		05		4		50		10		Do.	•••	.		
n •••	47	Kotul Nima		25		Do.		10 15		⊊ 12		80			0	Do.				
,,	48	Sátevádi		Portion of 19		Do.	•••	9 36		4		50			0	Do.	411]	
17 ····	49	Laváli Otur		Cat No. 6 -1-2-N		Do.	•••	07		4) 4)	- 1	20		_	0	Do.	•••	.	•••	

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APPENDIX M.

Statement of Mortgage Transactions in Villages of the Akola Túluka, Ahmednagar Collectorate.

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Date of Transac- tion.	Num- ber.	Villages,	Survey Number.	Land, Inám or Government.	Arable Acres.	Assess- ment.	Amount of Debt incurred.	For what Term.	Land to be in whose Possession.	Interest payable per cent. per Men- sem.	Government Assessment to be paid by	Penalty on Non-payment within Date fixed, or any other Condition.			
1	2.	3	4	δ	6	7	8	9	10	11	12	13			
1000 04		D'	Duction of 909	Gammant	A. g.	Rs. a. p.	Rs. s.	Yrs. ms.		Rs. a. p.					
1883-84 .	1	Pimpalgaon Nákinda .	Portion of 203	Government	0 33 1	216	40 0	·····	Mortgagee	•••	Mortgagee	continue till payment o			
39 •••	2	Do	Do. 90 Gat No. 1 Por- tion of chak No. 15.	Do Do		446 Q48	50 0		Do		Do	debt. Do. do.			
•••	3	Paitan	No. 15. Do. Gat No. 1 Portion of chak No. 16 Oat No. 1 chak No. 17.		0 3	0 4 10 0 3 6 0 2 3	27 0	30	Do	180	Owner	If the debt is not paid in ful within 3 years, the land i to be sold in satisfaction.			
				Total	0 181	0 15 3			•						
3¢ •••	4	Do	Gat No. 17 chak No. 12. Do. 16 do. 1 Do. 16 do. 2	Do Do	0 43	0 4 0 0 3 1 0 1 4	20 0	6 D	Do	•••	Mortgages	If the debt is not paid with in the date fixed the land is to be sold in satisfaction			
				Total	0 12	085									
39 444 93 444	1 0	Do Do	7 Gat No. 11 chak No. 51.	Government Do	1	290 121	91 0 30 0	50 50	Do Do	180	Do Do	Do. do. Do. do.			
»» •••	7	Dhámangam Pátáchá .	Gat No. 12 Por- tion of chak	Do	05	056	49 0	30	Do	• • •	Owner	Do. do.			
» ···	8	Do{	No. 3. Do. Gat No. 12 chak No. 7.	Do Do		2 1 0 0 3 6	37 0	3 0 [΄]	По	***	Mortgagee	Do. do.			

83	***		9		Do.		. 1		305 of 285	Do. Do.	*** ***	1 10 1 5 31 8	7	14_0 11 19 (ő	} 100		4	U	Do.	141	18	Ů	Do.		Do,	do.	
										Total	•••	33 18	10	5.	8													
			10	1	Do.			Portion	of 252 .	Government		8 20	2	6 (0	80	0		••	Do.		***		Do.		Mortgagee's continue fil	possession to payment of	•
ŧ			11	Ghoti .	••	114	••	Gat No. 1). 5 obe).	k Do.	•	0 91	0	6	6	62	0	5	0	Do.	•••	***		Do.	•••	debt. If the debt is in the date f	not paid with-	
#1 23	861 842		12 18	Kotul) Do,		B 	•••		of 252 44	. Do. Do.	• • •	8 87 8 19	3 5	81(18 (4	40 270	00	5	0	Do. Do.	 	•••		Do. Do.		Do. Mortgagee's j continue til	n satisfaction. do. cossession to payment of	
1 7	•		14	Do.			{	Portion Do. Do. Do. Do.	of 243 247 252 253 555	. Do. . Do. . Do.	6 8	011 018 1 2 0 8 0 3	0000	7 1		40	0	4	0	Do.	***			Owner		debt. Debt to be liqu the date fixed the land is satisfaction.	uidated within , failing which to be sold in	
										Total		2 2*	1	12 (в						•					• •	• •	
																								•				3
9) 27 1) 21 1) 21 1) 21	131 187 987 499	,	15 16 17 18 19	Do. Do. Do. Lotkhi	,	888 427 447 457 457		Portion Do. 140 Gat No	235. ; .	. Do. . Do.	4 5 4	8 25 1 29 4 12 13 4 0 18	8 1 2 13	6 4 4 8 2 6 6 (11 3	8	65 40 65 175 40	00000	2 2 4 2 2	000000000000000000000000000000000000000	Do. Do. Do. Do. Do.	*** *** ***	***		Do. Do. Do. Do. Do.	8 8 8	Do. Do. Do.	do. do. do. do. do.	
9)	••• •••		80	Mavesi					No. 11. 1 do. 8			0 80		8 (0	_	.0	Do.				Do.	e.,	n-	do.	
3 7	4 33		21	PádaIn	8		•••	3 1	3.	. Do.	•	21 98	4	2 (D	40	0	4	0	Do.				Do.	** *	If the debt is a in the date fi	not paid with- ixed, the land n satisfaction.	
1)	•••		22	Kotut :	Muk	undji	{	Gat. N Do.	o. 4 cha No. 1. 4 do. 4		•••	07. ·09	0	3 (5 (50	o	4	0	Do.		18	0	Do.	••	If the debt in full within th	not paid in	
							Ĺ	88		Total		13 0 13 16	6	11 (3 1(J			•		:					the land is t satisfaction.	o be sold in	
							(43'	, I	. Government		15 11	7	12 ()									:	Do.	_	
**	•••		28	Do.	•	••	{ 	43).	. Do.		11 15	8	9 (125	0	2	0	Da.		18	0	Owner	•••	Do.	Do	
	i									Total	***	26 26	11	5 (-					I		

Date of Trans- action.	No.	Villages.	Survey Number	Land, Inám or Government.	Arable Acres.	Assess- ment.	Amount of Debt incurred.	For what Term.	Land to be in whose Possession.	Interest payable per cent. per Men- sem.	Government Assessment to be paid by	Penalty on Non-payment within Date fixed, or any other Condition.
1	2	3	4	5	6	7	8	9	10	11	12	13
					A. g.	Rs. a. p.	Rs. a.	Yrs. ms.		Rs. a. p.		
1883-84	24	Kotub Mukundji	Portion of 108	Government	2 14 <i>′</i>	496	190 0	3 0	Mortgagee	100	Mortgagee	If the debt is not paid i full within the date fixed the land is to be sold i satisfaction.
13 ••••	25	Do	. 52	Do	1 38	1 12 11	75 0	479831	Do	a** .	Owner	Mortgagee's possession f continue till payment debt.
y	26	Do	Portion of 108	Do	17	248	2 50 0	40	Do	893	Do `**	If the debt is not paid with in the date fixed, the lan is to be sold in satisfactio
" ,	27	Do	. Do. 214	Do	2 23	570	49 0	••••,••,	Do		Mortgagee	Mortgagee's possession continue till payment debt.
13 · · ·	28	Do	Do. 108	Do		147 259	85 0	****4*	Do	414	Do. ***	Do. do.
p	29	Do	Do. 121 Do. 108			100	5 400 0	*****	Do	•••	Do	Do. do.
				Total	3 15	359						
19	30	Khadki	41 42 43	. Do. ,	2 14 13 38 15 10	090 380 3130	35 0	20	Do	***	Do	If the debt is not paid with in the date fixed, the lar is to be sold in satisfactio
				Total	31 22	7140						
,	31	Bori	7 8 106		5 14 92 19	300 630	} 70 0	10.	Owner	300	Owner	Do. do.
				Total	27 33	930					-	

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n	•••	32	Gondosi		•••	Gat 3		No. 46.	Government		1 21		3		4	0	2	0	Mortgagee 	•••	200	Mortgages		If the debt is not paid in full within the date fixed, the land is to be sold in satisfaction.	
"		3 3	Vángulshe	t	{	Do. Do. Do. Do. Do. Do.	6 6 6 6	do. 6. do. 7. do. 8. do. 9. do. 10. do. 11. do. 3.	Do. Do. Do. Do. Do. Do. Do.	6 5 6 6 6 9 0 7	0 11 0 28 0 24 1 22 0 24 0 24 0 1 0 24) 10 i 3 i 0 3 3 14 0 0 1 2	7 9 3 10	} 9 }	9 0	5	0	Do.	•••	•••	Do.	•••	If the debt is not paid with- in the date fixed, the land is to be sold in satisfaction.	<u>-</u>
									Total	•••	4 15	┉	73				_	_				Do.		Do. do.	
13 19		34 35	Kelungan Titvi	*** ***	•=* •		4 13	•••	1 10-	•••	94 190		49 72	0	9 5	90 10	9	0	Do. Do.	••• •••	686 680	Do.	•••	Mortgagee's possession to continue till payment of debt.	
n	••••	36	Do.		{	Do.	11	8 chai No. 2. do. 43 do. 3	,Government Do. Do.	,,, ,,,	09 09 08	i	05 06 05	5	}	0 0	. 8	0	Do.		200	Owner		If the debt is not paid in full within the date fixed, the land is to be sold in satisfaction.	
									Total		0 27		1 1	0									:		ເມ ບາ
"		37	Kátlápu r			Gat I No.	No. 15.	3 chak	Government	•••		- I	16	1	2	70	••••	••	Do.	•••	***	Mortgagee	•••	Mortgagee's possession to con- tinue till payment of debt.	
**		38	Rájur	•••	{		87 No.	S chal	Do. Do.	6 9.9	4 10 0 87	•	23 16	0 6	}	0 0		•	Do.	** *		Do,		Do. do.	
•••									Total		5 7	} ∶	39	6										5 	,
93			Pimparkan	8	9 1 1	Gat I No.	99,	7 chak	Government		0 25		12 812			00	4964		Do. Do.	***	 200	Do. Do.	ş	Do. do. If the debt is not paid in full	
13		40	Guhira			Get 1	8 No.	1 ohak			A 99		1 0		י ר	• •	****	•						within the date fixed, the land is to be sold in satisfaction.	
"	•••	41	Do.		ł	Do.	1 6	1 chak No. 56. do. 82.	Do,		0 6 18 24		03 513	1	J	50		•	Do.		814	Do.	•••	Mortgagee's possession to con- tinue till payment of debt-	
									Total	81.	19 18	*	70	3											

Date of Trans- action.	Num- ber.	Villages.		Survey Number.	Land, Inám or Government.		able res.		ssess oent.	· 1 ·	Amour of Del incurre	nt	For what Term.	Land to be i whose Possess on.	n paya per o per l sen	able : ent. fen-	Governmen Assessment be paid by	to	Penalty on N within Date other Co	Ion-payment fixed, or any ndition.
τ	2	3		4	5		6		7		8		9	10	11	·	12		1	3
				ar .		A	g.	Rs.	8.	p.	Rs. a	p.	Yrs. ms.		Re.	a. p.		•		· · · ·
.883-84 .	42	Terungan		Gat No. 2 chak No. 13.	Governmeut	2	9	3	8 9	2	21	8		Mortgagee	•••	•	Mortgagee		Mortgagee's por tinue till payr	session to cor
р •••	43	Ladgaon	881	D. 1 3. 10	Do	0	31	0	15 (B	50	0	80	Do.	••• ••	•	Do.	•••	the date fixed	not paid withi
. 1)	44	Do		Do. 1 do. 23	Do	1	.9		2	1	40	0	******	Do.	••• ••	•	Do.	1 44	De sold in sati	efaction.
9 3 •••	45	Várangus	ï	925 Gat No. 8 chak	Do Do	4	34 14 1	1 0	8 (6 (bh	30	0	64+#9 <u>8</u>	Do.	••• ••	•	Owner	***		do.
# 100 :	46	Kodni	1	No. 10. Do. 8 do. 11	Do	0	171	0	11	₄ }	83	0		Do.	•••	•	Do.	•••	Do.	do.
•		2			Total	0	81 4	1	1 4								•			
43 - 11. 13 - 11.	47 48	Lahit Budrukh Do.	{	50 8 9	Government Do, Do	[11	37 23 12	1 7 1	5 4 2) }	30 264		888944 444 ⁹ 48	Do. Do.			Do. Mortgages			do.
					Total	17	35	8	6	0										
1) iii	49	Pimpaldari	•••	9 13	Government	8	1	3	8 (0	20	0	20	Do.	•••] •••		Do.	· •==	If the debt is n the date fixed	ot paid with the land is i
n	50	Do		137 Portion of 25	Do			3	0 (3 (34	8	10	Owner			Owner	•••	be sold in sati	isfaction. do.
\$2 \$34	51	D0. ,,,	{	Do. 205 Do. 206	Do Do Do		24	1	18 18	415	99	0	9 9	Mortgagee			Mortgagee	300	Do.	do.
					Total	18	18	7	15 10											
	52	Do	***	178	Government	9	31	3	1 (99	0	60	Do.			Do.	•••	Do.	do.
4 3 844	53	Chándsuraj	***	23	Do	· 9	6	5	n (80	0	411.11	Do.			Do.	844	Mortgagee's po tinue till payr	seession to con

(I	64	Do		22	Do.	•••[7 18	4 10	• •	1 4	0 0	40	Do.	•••[620	Do.		If the debt is not paid within	· · ·
n		Lahit Khurd	•••	No. 12	ak Do.		0 6	0	4 O	125	0	20	Do.			Owner	•••	the date fixed, the land is to be sold in satisfaction, Do. do.	
y		Bitáka	•••	Do. 1 do.	5 Do.	•••	0 4	.0	8 0	20	0	20	Do.		***	Do.	•••	Do. do.	
na na Na na	· 57 58	Váki Do	· ****	10 Gat No. 261 ch No. 10.	Do. ak Do.	••• •••	5 25 0 41	31 0	10 26	40 25	0	3 0	Do. Do.	•••	*** · ***	Mortgagee Do.	• <i>••</i> •••		
,,	59 60	Shendi Ranat Khurd	•••		Do.	•••	10 0		20	ł	0	30	Do.	***	***	Do.			
,, ,,	61	Málegaon		Portion of 15	Do. Do.	•••	14 10 8 18	5	B 0 5 0	40 80	0	40 20	Do. Do.	88+ 41+	0 12 0	Do. Owner		Do. do. Mortgagee's possession to con- tinue till payment of debt in full.	
₩., **	62	Do		Gat No. 1 ch No. 4.		•••	05	0	30	20	, Q	80	Do.	•••	***	Do.	•_•	Mortgagee's possession to con- tinue till payment of debt.	
1) +++ 1) +++	63 64	Mutkhel Do	•••	Do. 1 do. Portion of 8	Do.	9 8 - 8 7 -	0535		3 6 4 0	22 20	0	990 20 20	Do. Do,	6 87 9 8 8 - 1	 	Do. Mortgages	•••		
,	65	Tirdh a	•••	Gat No. 1 ch No. 13.		•••	09	0	5 O	25	0		Do.		477	Do.	•••	Mortgagee's possession to con- tinue till payment of debt.	_
19 e.i. 19 e.i.	66 67	Do Ratanvádi	•	Gat No. 1 ch.	k Do.	, s. 841	415 09	2 0	B 0 I 6	25 18	0 0		Do. Do.		***	Do. Owner	846 846		37
,	68	Do	•••	Portion of 16	Do.	•••	8 18	1	B. O	40	0	80	Do.	•••	***	Mortgagee.	•••	If the debt is not paid within the date fixed, the land is to be sold in satisfaction.	
,	69 70	Pendshet Do	, 	25 Gat No. 3 chr No. 60.		881 1975	15 9 0 8		0 0 B 6	40 25		4 0 	Do. Do,	 •••	P 3. 508	Do. Do.	•••	16	
, ,,,	71	Somtán		Do. 1 do. 4.	Do.	•••	04	.0	20	20	0	20	Do.	•••		Owner	•••	the date fixed, the land is to	
,	72	Murshet	•••	16	Do.		IO 15	4 1	20	8 0	0	10	Do.		•••	Mortgagee	•••	be sold in satisfaction. Do. do.	
4 0E	73	Bábhulvandi	•••	Gat No. 1 cha No. 5.	,	\$43	08	0	40	_ 20	0	20	Do.			Owner		Do. do.	
4 -85	74	Dhámangson Pátáchá.		4	Do.	61 -	5 13	3	50	43	0	- 30	Dor	9	4 و 2	Mortgagee		If the debt is not liquidated within the date fixed, the land is to be sold in satisfaction.	
"	75 76	Do.	ſ	Portion of 320 Do. 259			038 121		7 0		0	00	Do.	•••		Owner		Mortgagee's possession to con- tinue till payment of debt,	
n	. 10	1 0.	1	Do. 258	Do.	•••	1 30	Ō	4 0 9 0	} 50	0	0 0	Do.	•••		Do.		De. do.	
,					Tota	l[3 11	11	3 0					ł					

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Date of Trans- action.	No.	Villages.	Sarvey Number.	Land, Inám or Government.	Arable Acres.	Assess- ment.	Amount of Debt incurred.	For what Term.	Land to be in whose - Possession.	Interest payable per cent. per Men	Government Assessment to be paid by	Penalty on Non-payment within Date fixed, or any other Condition.
1	2		4	ь	6	7	8	9	10	11	12	13
1884-85 .	77	Dhamangaon Pátáchá.	Portion of 265 267 168 31	. Do Do	3 16 3 12	Rs, a. p 1 10 0 0 14 0 1 0 0 2 13 6	50 0	Yrs, ms. 2 0	Mortgagee	Rs. a. p.	Mortgagee	If the debt is not paid within the date fixed, the land is to be sold in satisfaction.
g, s	78	Kotul Mukundji {	Portion of 346 Do. 417	Total Government Do Total	8 22 3 26	6 5 6 6 13 0 2 0 6 8 13 6	} 40 0	20	Do	•••	Do	Do. do.
13 814	79	Do	Portion of 502 Do. 564 Do. 567 Do. 573	Government Do Do Do	1 16 0 28 1 4 3 17	 	200 0	50	Do		Do	If the debt is not paid with- in the date fixed, the land is to be sold in satisfaction.
90 ° • •	. 80	Da	Portion of 590 Do. 592 Do. 586 574	Government	0 24 0 29 1 23	0 12 7 0 12 3 3 13 5 6 11 3		4 0	Do	•••	Owner	Do. do.
				Total	4 39	12 1 6						

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e stadio e constante	ul. esser	and the second second		Ĩ	Portion of 212.	Government	1 15	1 1 3	3 80 0		Do.	. [e is line. A	Do.	: 1	Do. do.
· 39 ···	81	Do.	•••	1	Do. 213	Do	0 37	040	80 0	10 0	D0.	•	***	10.	***	Do. do.
				1	•	Total	2 12	153								
y a	82	Do.	***	•••	Do. 109	Government	2 19 1	4 2 9	300 0	•••••	Do.	•	***	Mortgagee	••••	Mortgagee's possession to continue till payment of debt.
9 7 •••	83	Do.		•	Do. 218	. Do	3 39	300	100 0	30	Do.	•••		Owner	•=•	If the debt is not paid with- in the date fixed, the land is to be sold in satisfaction.
97 è	84	Keli Kotul	•••		Gat No. 10 chal No. 8 Do. 10 do. 11 Do. 10 do. 15 Do. 10 do. 15 Do. 13 do. 4	Do. •••	0 11 0 10 0 38	0 8 10 0 4 0 0 4 0 1 5 10 1 11 0	200 0	*****	Do.	•••	•••	Mortgagee	8.1.1	Mortgagee's possession to continue till payment of debt,
* 37 •••	85	Do.	***	{	Gat No, 11 chai No. 19 Do. 10 do. 36 Do. 10 do. 35 Do. 10 do. 27	5 Do 2 Do	0 41 0 38 0 78 0 38	4 1 8 0 2 1 0 2 4 0 5 5 0 2 3 0 12 1	- - - -	4 0	Do.	•••	200	; Owner	***	If the debt is not paid with- in the date fixed, the land is to be sold in satisfaction.
33 •••	86	Do.		•	Portion of 112	Government	025	0 15 0	30 0	\$ 0	Do.	 ,	\$11	Mortgagee	•••	Do. do.
93 .a.	87	Do.	***	•••	7	Do	19 1	654	200 0	60	Do.	•••		Do.		Do, đo,
2) ***	88	Digámbar		•••	2	Do	4 23	520	50 0	***54*	Do.	•••	***	Do.	•••	Mortgagee's possession to continue till payment of
9 , 111	89	Guhir a	•••		Gat No. 1 chai No. 43 Do. 6 do. 7	Do	A 73	9130 048	- 45 0		Do.	•••		Do.	8.41	debt. Do. do ,
9 , • ••	90	Tit v i	•••			Do Do Do Do Total				•••••	Do.	837	, 188	Do.	4 -1	Do. do.
				ļ		Total	0 311	149	•						ļ	

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Date of Transac- tion.	Num- ber.	Villages.	Survey Number.	Land, Inám or Government.	Arable Acres.	Assess- ment.	Amount of Debt incurred.	For what Term.	Land to be in whose Possession.	Interest payable percent. per Men- sem.	Government Assessment to be paid by	Penalty on Non-payment within Date fixed, or any other Condition.
1	2	3 .	4	5	6	7	8		10	11	. 12	13
1884-85		.	Gat No. 13 chak No. 1.	Government		Rs.a.p. 037	Rs. a.	 Yrs. ms.		Rs. a. p.		
¥00#-00	91	Do, :; :	Do. 13 do. 4.	Do Total	0 6 0 13‡	0 8 3	} 20 0	•••••	Mortgagee	•••	Mortgages	Mortgagee's possession to con- tinue till payment of debt.
P	92	Pimparkana	Gat No. 6 chak No. 20. Do. 6 do. 33. Do. 6 do. 36.	Do		044 023 085	61 0		Do	•••	Do	Do. do.
93 886	93	Do	97 Gat No. 7 chak	Total Government Do		0 15 0 2 12 0 1 4 5	99 0	•••••	Do		Do	Do. do.
8 9 •••	94	Do {	No. 11, Do. 4 do. 3,	Do Total	0.001	0 7 11	50 0	•••••	Do	•••	Do	Do. do.
• •											,	
ற் பட	95	Chichondi 🛶 🦏	Gat No. 7 chak No. 18.		1 10#	1 6 10	50 0		Do		Do	Do. do.
¥ ···	96	A'mbevangan 😱	T	Do	0 341	192	99 O	•••••	Do	•••	Do	Do. do.
999 - 11 • • • •	97 	Do		Do	1 8	219	199 0	70	Do	611 1 1 1 1 2 2 2 1 1 2 2 1 1 2 2 1 1	Do	If the debt is not paid within the date fixed, the land is to be sold in satisfaction.

19 64 •	98	Terungan	4p# 8.	••	Do.		do. 10	Do.	•••	034	11	04		40 0	*****		Do.	•••		Do,		continue till	payment of	
н	99	Rájur	84 8 91			1	•	Do.		18 15	13 1	1 0		50 0	*****		Do.	•••	842	D0,		debt. Do.	do.	
yy ••••	100	Do.	•••	C	dat 1	No.	I chak No. 2	Do.		09	0	4 6		2 5 0	•••••		D0.		***	Do.	•••	Do.	do.	
			•	\$	Do.	2	do, 4	Do.	•••	0 71	0	8 1		•••		-	_							
yy 11.	101	Muthalna	•••		Do,	2	do. 9	Do.		0 12‡	0	64	' } _	100 0	12	0	Do.	•••	***	Owner	•••	If the debt is not the date fixed to be sold in a	ot paid within , the land is atisfaction.	•.
								Total	•••	0 20]	0	95												
n	102	Ekdara	16 4	. (lat N	o. 1	2 chal	Government		1 26 1	0	92		23 0	3	0	Do.		•••	Mortgagee		Do.	do.	
yy	103	Do.	••• •		Do, 1	82	No. 8 do. 3	Do.		0 29		14		20 0 -	••••••		Do.	••••	•••	Do.	•••	Mortgagee's p continue till debt.	ossession to payment of	
"	104	Khirvir a	989 B	,	Do. 2	22	do. 24	Do.	•••	0 277	0 1	19		100 O	5	0	Do,	•••	***	Owner		If the debt is not the date fixed to be sold in a	l, the land is	·
,, .	105	Do.	••• ••		Do. a		do. 5	Do.		0 37		1 10		40 0	*****		Do.	•••	•••	Mortgagee	•••	Mortgagee's p continue till debt.	omension to payment of	Ň
y	106	Do.	{		Do. 1	91	do. 7	Do. Do.		1 5 1 1 27	1 01	69 33		65 0	10	0	Do.		***	Do.		If the debt is not the date fixed to be sold in s	, the land is	41
								Total	•••	2 32	2	40												
3) *** 19 ***	107 108	Do. Paitan	••• •	G	Hat N No. 2	62 0. 1	8 chak	Government Do.	•••	6 10 0 15‡	1 0	90 95		40 0 25 0	3 2	0	Do. Do.		•••	Do. Owner	•••	Do. Do.	do. do.	
3) IZ	109	Pimpalgaon	Khánd		Portion		194	Do.	•••	031 711	0 8 1	70 66	}	175 0	5	0	Do.	•••	•••	Mortgagee	•••	Do.	do.	
								Total	•••	82	4	16	-						•					
	110	Do.	Þ			200	•	Government		5 16	81	20		60 O	••••••		De.	•••	***	Do.		Mortgagee's p continue till debt.	payment of	
,, ···	111	Do.	B.			18	i	Do.	•••	12 84	8	0 0		149 - 0			Do.		•••	Owner	•••	Do.	do.	
y	112	Do.	•	.] I	Portio	n of	149	Do.		120	0	60		1 99 0	_18	0	Do.	***		Mortgagee	•••	If the debt is no the date fixed to be sold in a	t paid within the land is atisfaction.	J.

• •		6 .								_									•. ··· -					
Date of Transac- tion.	Num- ber.	Ville	vgee,		*. Survey Number.	Land, Inám o Government.	r	Arable Acres.		ssess ient.		Amor of De incur	ebt	Fo	or wh ferm,		Land to be in whose Possession.		Interest payable per cent. per Men- sem.	Asse	ernme ssmen paid l	t to	Penalty on N within Date fi other Con	xed, or any
1	2	;	3		4	5		6		7		. 8	;		9		10		11		12		13	i i i i i i i i i i i i i i i i i i i
1684-85 .	113	Palsunda		•••	Gat No. 9 chai No. 9.	Do.	•••	A.g. 0 9‡	Rs. O	9 6	р. 9	Rs. 44	-	Y	rs, 1 2	ns. O	Mortgagee		Rs.∕a. p. 200	Owner	5		In lieu of inter Mortgagee to usufruct of t for the rema interest at 2 mensem is Debt to be pu	b enjoy the he land, and ining 13 Rs. per cent. per to be paid. aid in full in
y y	114	Do.	***	•••	Portion of 14	Do.		0 30	0	8	0	26	30		3	0	Do	-		Do.	•••	•••	two years, it the land is t satisfaction. If the debt is n the date fixed to be sold in	ot paid within , the land is
93 ···	115	Do.			32	Do.	•••	10	0	4	0	34	0		4	0	Do			Do.	•••	•••	Mortgagee's p continue till debt.	payment of
» ···	116	Do.	•••	•••	27	Do.	•••	2 22	0	10	0	30	0		2	Ò	Do		•••	Do.	•••	• • •	Do.	do.
,, ···	117	Do.	•••		29	Do.	•••	2 21	1	8		2	5 0	1			Do			Do.	***	•••	1	do.
53 a	118	Do.	•••	}	Portion of 14 Do. of 32	. Do.	•••	4 18 4 30	1	14 3	6 0	} 50) 0		4	0	Do		•••	Do.	••		If the debt is no the date fixed to be sold in a	the land is
						Total	+11	98		1	_													
n •••	119	Kotul Nin	a		76	Government	•••	11 14	12	12	0	25	50		8	0	Do		•••	Do.	•••	10.	Do.	do.
53	120	Do.	***	{	Portion of 76 Do. of 77		•••		1 0	3 12	2 6	} 125	i 0		9	0	Do			Mortg	agee	•••	Do	do.
×.					•	Total		1 20	1	15	8													
)) ***)) ***	191 199 193	Do. Do. Do.	*** ***	 {	Do. 58 Do. 77 188 189	Do. Do.	••••	1 5 1 11 1 8 6 32	9 0 4	0 1 7 7 4	0 0	30 125 } 26	0		4 (5 (1 (2	Do Do Owner		 	Owner Do Do) .	#** * - *	Do. Do. Do.	do. do. do.
						Total	•••	80	4	11	0			ł			Į		1			ļ		

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•••	124	Do	Do. 563 Do. 567 Do. 569 Do. 573 Do. 572	Do	$ \begin{array}{c c} 0 & 11 \\ 0 & 30 \\ 0 & 34\frac{1}{4} \\ 0 & 6 \\ \hline 0 & 6 \\ \hline 0 & 2 & 001 \end{array} $	0 3 9 0 7 3 0 10 0 2 6 6 0 1 0 4 10 0	175 0	50	Mortgagee		Mortgagee	Do. do.	
91 •••	125	Pángri	Gat No. 5 chak	Government	0 13	0 7 11	30 0	50	Do		Owner	- Do. do.	
57 ₹ 27 *** 29 & 29 *** 29 *** 29 ***	126 127 128 129 130	Pisevádi Mogras Pimpaldari Do	No. 2. Portion of 64 15 Portion of 15 Do. 19	Do Do Do Do Do Do	. 526 . 143 . 510	0 5 0 3 8 6 13 3 0 6 14 8 3 13 0	25 0 199 0 100 0 100 0 100 0	1 0 11 0 3 0 5 0 4 0	Owner Mortgagee Do Do Do	••• ••• ••• •••	Do. Mortgagee Do. Owner Half by owner and half by the	Dō. do. Do. do. Do. do. Do. do. Do. do.	
» »	131 132		25 182	Do Do, ,.	1 0.11	7 5 0 2 12 0	99 0 45 0	10 0 	Do, Do	4.00 949	mortgagee. Mortgagee Do	Do. do. Mortgagee's possession to con- tinue till payment of debt.	
19 •	133	Do	119	Do	. 414	300	60 0	40	Do	***	Do	If the debt is not paid within the date fixed, the land is to be sold in satisfaction.	
33 *** 33 *** 35 *** 37 *** 33 ***	134 135 136 137 138	Sángvi Kombhalna Koltembha	7 Portion of 55 Do. 15 Gat No. 1 chak No. 8	Do Do	1 81 9 11 14 8	4 14 0 1 10 0 2 14 0 10 8 0 0 6 0	50 0 85 0 50 0 100 0 25 0	2 0 3 0 2 0 4 0 2 0	Do Do Do Do Do	••• ••• ••• •••	Owner Do Mortgagee Do	Do. do. Do. do.	43
33 kr.	139	Panjra …	Do. 1 do. 10		. 0 8	0 2 0	} 30 0	30	Do	•••	Owner	Do. do.	
y, •	140	Pábulvandi	Gat No. 1 chak No. 5			040	20 0	2 0	Do		Mortgages	Do. do.	
1885-86.	141	Pimpalgaon Nákind	a. 201	Do	229	6130	40 0	4	Do	8 84	Do	Mortgagee's possession to con- tinue till payment of debt.	
93 - 43a	142	Do	Gat No. 1 chak No. 47.	Do Do	1	1 2 10 0 11 5	100 0	•••	Do	89 *	Do	Do. do.	
3) 84 1	143	∆'mbevangan -	Do. 1 do. 49			0 1 6 0 2 11	100 0	10	Do	•••	Owner	If the debt is not paid within the date fixed, the land is to be sold in satisfaction.	
	2	a,		Total ,.	0 23‡	0 15 10							

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Date of Fransac- tion.	Number.	Villages.	Survey Number.	Land, Inám or Government.	Arable Acres.	Astess- ment.	Amouut of Debt incurred.	For what Term.	Land to be in whose Possession.	Interest payable per cent. per Men- sem.	Government Assessment to be paid by	Penalty on Non-payment within Date fixed, or any other Condition.
1	1	3	4	5	6	7	8	9	10	11	12	13
1885-86 .	144	Ámbevangan	Gat No. 7 cbak No. 12.	Government	A. g. 0 15≹	Rg.a.p. 0153	Rs. s. 26 0	Чгв. <u>m</u> s.	Mortgagee	Rs. a. p.		Mortgagee's possession to
22 11.	145	Pimparkana	Do. 1 do. 18.	Do	0 11 <u>1</u>	080	2 0 0	914 68 9	Do		Do	continue till payment of debt. Do, do,
99 PTI	146	Do	Do. 13 do. 20. Do. 3 do. 12.	Do Do	0 5 1 0 8 1	031 0 <u>4</u> 11	} 17 0	*****	Do		Do	Do. do.
				Total	0 8	080						
,, .	147	Do	Gat No. 6 chak No. 49. (Do. 1 do. 2.	D.	0 15	0110	41 0		D0, ".	***	Do	Do. do.
"	148	Tit vi	Do. 16 do. 5.	Do	0 7 <u>1</u> 0 16 <u>1</u>	046 01010	} 46 0	******	Do. ".	•••	Do	Do. do.
				Total	0 23	0 15 4						
, 93 - 11 -	149	Do ***	Gat No. 16 chak	Government	0 22	0 15 11	\$ 5 0	******	Do		Owner	Do. do.
B 114	150	Do. '	No. 4. Do. 11 do. 35.	Do	0 19	090	14 0	*****	Do		Do	Do. do.
1) vis.	151	Rájur	161	Do	13 38	460	60 0	*****	Do		Mortgagee	Do. do.
			Gat No. 3 chak No. 27, Do. 3 do. 28,	De	04	017]					
jj 114	152	Do	Do. 3 do. 29.	Do	0 2 <u>1</u> 0 1 <u>1</u>	017	100 0	47+100	Do	•••	Do. ".	Do, do.
			1 1		18 14	13 11 0						
		F		Total	18 214	13 14 9		·		• [

a 1292—12	9- 1	••	158	Kotul Mukundji {	216 248 249	Do.	. 11 . 3 . 8	17 16 37	94 28 611	0 0 0	200	0	20	Do.	# 8 *	180	Owner		If the debt is not paid in full within the date fixed, the land is to be sold in satisfaction.
-12	99 T	+	154	Do. {	Portion of 263. Do. 565. Do. 568. Do. 574.	. Do	23 0 0 0	30 21 31 7 12	18 7 1 5 0 1 0 6 0 12	0 4 10	25	0		Do.		•••	Mortgagee	•••	
			•			Total .	0	24‡	9 9	2			-						dedt.
~	y y •		155			. Government	. 4	9	19	0	77	0	20	Do.		100	Do.		If the debt is not paid in full within the date fixed, the land is to be sold in satisfaction.
	μ , κ.	••	156	Do. ".	Do. 432.	. Do	. 4	38 <u>}</u>	19	0	44	0	20	D o.	•••	180	Owner	•••	In lieu of interest on 25 Rs. mortgagee to enjoy the usufruct of the land, and for the remaining 19 Rs. interest at Rs. 1-8-0 per cent. per mensem is to be paid. Debt to be paid in full in two years, failing which, the land is to be sold in satisfaction.
	37 • 1		157	Do. {	Do. 563. Do. 565. Do. 568. Do. 568.	. Do	0 0 0	4 5 11 19	0 2 0 2 0 10 1 2	1 0 2 0	85	0	4 0	D o.	••	•••	Do.	•••	If the debt is not paid with- in the date fixed, the land is to be sold in satisfaction.
				·		Total .	0	39	20	8									
	3) 84 82 84 83 84 83 84 83 84 83 84 83 84 84 84 84 84 84 84 84 84 84 84 84 84 8		158 159 160 161 162	Do Do	Do. 214.	Do. Do.	$ \begin{array}{cccc} & 1 \\ & 0 \\ & 2 \\ & 12 \\ & 0 \\ & 0 \\ \end{array} $	0 30 23 10 10	20 18 57 1011 013	0000	50 50 50 40 - 45	0000	20 20 20 30 30	Do. Do. Do. Do. Do.	••• *•: •:	440 444 444 444 444 444 444	Do. Do. Do. Do. Do.	1 = 1 6 - 1 6 - 2 6 - 2 6 - 2 7 - 2	Do. do. Do. do.
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1	2	3	4	5	6	7	8	9	10	11	12	13
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3	,	•	206	Do	{	Gat No. ⁷ 4 chak No. 13. Do. 8 do. 15	Do.	•••	1 6 4 0 7 1 138	1 12 0 0 4 10 2 0 10	<u>}</u>	40	0		Do.		•••	Do	•••	Do. do.	
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W. M. FLETCHER, Superintendent, Poona & Násik and S. M. C. Revenue Surveys.

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Statement showing the prices prevalent in the Akola Táluka of the Ahmednagar have already been introduced for 48

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22	19	152	162	104	27	21	164	172	25	213	171	14	17#	104	

Collectorate, and adjoining tálukás into which Revised Survey rates of Assessment years from 1838-39 to 1885-86.

W. M. FLETCHER,

Superintendent, Poona & Násik and S. M. Country Revenue Surveys.

APPENDIX O.

Revenue Statement for 97 Villages situated in the Akola Táluka of the Ahmednagar Collectorate, in which the Survey Settlement was introduced in the year 1848-49.

		Occupied	LAND PAVI	us Azsu	8345VT T	D Gover	INTERT,		UPIED AR B GOVES LAND.		WHIC	THE REVE I IS ALIE LV OR PAI (INA'N).	NATED		ND, GOVE ED, UNCO ND IRA'M.	JUPERO,		
Tears.		Occupied Acres.	Full standard Assess- ment.	Perma- nent.	temission Casual.	s. Total.	Balance for collec- tion,	Acros.	Full Accession ment,	Realiza- tions from Auction Sale of grazing.	Астек.	Full stand- ard As- sessment	Collec- tions, quit- rent, tc.	Total of Columns 2, 8, and 11.	Total of Columna S, P	Collec- tions, Total of Col- umns 7, 10 (and 13,	ou your.	REMARES.
1	┥	2	8	4	Б	6	7	8	9	10	11	12	18	14	15	16	17	18
	1		Řs.	Rs.	Rs.	Ra.	Be.	Acres.	Re.		Acres.							
1838-89		23,984	22,897	1,883	4,155	6,488	17,409	28,933	20,412	Rs. 34	4,891	Rs. 2,430	88 BB	▲cres. 52,808	Ra. 45,739	Ra. 17,826	Ra, 854	
1839-40		23,579	21,905	1,619	2,156	8,775	18,130	24,032	19,025	41	5,327	8,000	361	62,938	48,930	18,532	86	
1840-41	٠	24,257	22,490	1,289	347	1,636	20,854	23,860	18,480	85	6,328	3,000	\$50	52,945	48,970	21,239	52	
1841-42	-	28,755	22,983	740	5,855	6,095	16,888	23,879	17,928	25	5,328	8,009	288	62,902	48,920	17,196	••	
	"	23,129 22, 280	21,689 20,869	411 241	385 1,592	796 1,838	20,793	24,423	19,812	84	5,328	3,996	800	52,880	43,899	31,127	4	
3844 48		20,874	19,050	216	1,636	1,852	19,036	25,403 26,814	21,839	81 823	5,321 5,321	2,994 2,985	277 216	53,004	48,910 48,874	19,844	1	
1845-46		10,740	18,538	\$24	8,294	8,518	15,020	27,951	22,367	456	6,321	2,985	198	58,009 58,012	48,890	17,787 15 ,669	•• 16	
1846-47		21,687	20,160	176	265	431	19,729	26,074	20,655	440	5,822	2,995	255	58,089	43,810	20,483	79	
1847-48	••	22, 957	21,267	199	123	\$21	20,946	24,821	19,190	459	5,562	8,889	272	58,340	48,796	21,667	347	
1848-49	•	44,900	18,026		292	292	17,734	7,161	8,451	44	9,000	8,900	844	61,061	25,877	18,122	61	
1849-50		43,848	17,835		611	611	17,224	8,243	8,667	210	8,977	3,881	897	61,068	26,388	17,881	1	
		43,190	17,759		245	245	17,514	8,877	8,737	182	9,589	8,885	40	61,656	25,381	18,187	109	
		42,208	17,352		518	518	16,834	9,961	4,179	218	9,573	8,888	468	61,742	25,419	17,516		•
1852-58 1853-54		42,771 40,470	17,694 16,977		22 1,688	22 1,688	17,612	11,551	4,642 5,315	276	7,420 7,361	8,127	507	61,742	26,408	18, 39 5		
1054 5K		37,982	16,288		in5	115	16,173	13,904 16,624	6,086	263 258	7,301	3,111 3,029	1,852 1,858	61,735 61,740	26, 408 25,408	18,904		
1855-56		44,267	17,633		29	. 29	17,604	18,063	5,247	196	6,745	2,892	1,195	64,075	25,772	17,789 18,995		
1856-57 .		49,235	18,806				18,806	11,401	4,511	281	6,445	2,780	1,148	67,081	26,097	20,185		
1857-58	••	60,642	19,088	. .		••	19,688	10, 36 8	4,091	249	7,197	2,773	1, 146	6 8,207	25,952	20,482		
3858-59		52,199	19,466		7	7	19,459	9,197	3,632	9227	7,178	2,768	1,140	68,574	25,866	20,826		
1859-60	•-	98,894	30, 243	10,919	849	10,568	19,675	25,104	6,798	257	7,218	2,761	1,140	1,81,216	39,797	21,072		
1860-61	••	79,420	26,344				26,344	44,905	10,732	801	7,121	2,744	1,121	1,81,448	89,820	28,066		
1861-62 1862-68	•	81,340	27,013	12		12	27,001	48,015	10,088	588	7.092	2,719	1,169	1,81,447	39 ,820	28,728		
1963-64		84,668 92,543	27,909 29,806				27,909 29,806	\$9,608	9,168	736 618	7,174	2,748	1,182	1,81,460	39,820	29,827		
1864-65		95,548	30,427				80,427	81,734 28,761	7,266 6,652	508	7,175	2,748 9,741	1,181 1,225	1,81,452 1,81,455	99,820 89,820	81,606 82,160		
1865-68		97,161	80,853		[30,853	27,150	6,226	584	7,148	2,741	1,823	1,81,454	39,820	82,710		
1866-67	••	9 8,787	81, 167]			\$1,167	25,479	6,918	584	7,113	2,741	1,818	1,81,409	89,891	88,049		
1867-68	•	1,60,772	\$1,682		5	5	81,527	28,149	5,434	656	7,144	2,741	1,816	1,81,065	39,707	83,298		
1008-09		1,02,129	\$1,910		14	14	81,896	21,792	5,066	704	7,148	2,741	1,900	1,81,064	39,707	83,900		
1959-70		1,04,104	\$2,338				82,838	20,208	4,741	574	7,148	2,741	1,801	1,31,455	\$9,820	84,213		
1870-71	•	1,08,485	32,915		-		82,916	17,485	4,184	565	7,143	2,741	1,825	1,31,063	\$9,8 40	84,905		
1871-72 ··· 1872-78 ··	•	1,08,112 1,08,428	33,818 85,404		••		88,818	15,767	8,645	421	7,148	2,741	1,325	1,81,022	39,699	35,059		
1873-74		1,06,396	32,965				38,404 82,965	15,461	8,554 4,009	540 428	7,143	2,741 2,737	1,825	1,81,022 1,81,045	89,699 89,704	85 ,969		
1874-75		1,05,013	82,646		1	1	82,645	18,908	4,321	440	7,124	2,737	1,825	1,31,045	39,704	84,716 84,410		
1875-76	•	1,04,622	32,519		4	4	32,516	19,305	4,450	461	7,124	2,7 3 7	1,325	1,31,051	89,706	84,801		
1876-77	••	1,04,729	\$2,498		691	491	32,007	18,847	8,949	816	7,124	2,787	1,825	3,28,700	39,184	83,648	4,756	
1877-78	••	1,05,113	82,577				82,577	18,401	8,863	304	7,104	2,724	1,325	1,28,618	89,164	84,206	1,675	
1878-79		1,05,598	82,726		-		82,798	14,910	8, 503	282	7,108	2,72 9	1, 29	1,27,616	\$8,958	\$4,3 37	1,907	
1879-80 **	••	1,05,418	32,719			••	82,719	15,058	8,506	249	7,106	2,718	1,327	1,27,582	38,943	84,296	476	
1880-81	••	1,04,795	32,453				\$2,453	15,690	3,787	255	7,109	2,719	1,326	1,27,584	38,939	84,084		
1981-82 1982-85		1,06,009 1,06,787	32,734 82,686		4,525	4,525	82,724 99 981	14,462	3,492	238	7,105	2,720	1,383	1,27,578	58,936	86,295	- 44	
	••	1,08,110	33,212		6,020	5,020 	28,361 38,212	13,708 12,378	3,850 3,017	228 211	7,081 7,079	2,712 2,718	1,231 7 9 98	1,27,578 1,27,567	38,948 58,947	29,815 34,746	4,148 109	
1684-65		1,09,387	33,470				88,470	11,089	2,758	896	7,077	2,718	I,323 1,323	1,27,567	38,947	85,189		
1685-96	••	1,09,512	33,583				83,588	10,866	1,683	864	1,079	2,712	1,309	1,87,457	88,928	85,208		
	1				. <u> </u>	L	1	1	l	ليصيبها		L			<u> </u>	-	, 	

W. M. FLETCHER, Superintendent, Poona & Násik, and S. M. C. Revenue Surveys.

APPENDIX P.

Revenue Stalement for 5 villages situated in the Akola Táluka of the Ahmednagar Collectorate, in which Survey Settlement was introduced in 1850-51.

			<u> </u>	Ocoven		PATING A		Ŧ	UNOCCI ARABLI	UPIED AS: GOVER: LAND.	SEGRED Smert	WRICH	UB REVE US ALLE: LY OR PA INA'M,	MATED	Occups	AND, GOV IED, WNC AND INA'I	CUPIED		****
tet	Years.		Occu- pied Acres.	Full stan- darð Asses- ment,	Perma- nent.	iemission Casual	s. Total,	Balance for collec- tion,	Acres.	Full Assess- ment.	Realiza- tions from Auction Sale of grasing.	Acres.	Full stan- dard Assess- ment,	Collec- tions quit- rent, dc.	Total of Columns 2, 8 and 11.	Full Assess- ment, Total of Columns 8, 9 and 12.	Total of	Balance out- standing at close of year.	Rumanes. 7
	1		1	8	4	δ	0	7	8	9	10	n	19	 19	14	15	16	17	18
P			Acres	Re.	Ba	Ra.	Rs.	Re,		 Bs.	Ra.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Ra.	
1840-41	••		2,201	1,483	221	12	283	1,250	Acres. 8,070	1,891	28	427	826	21	5,698	8,700	1,299		
1841-43	**	••	2,212	1,486	231	209	520	966	8,059	1,888	57	437	826	21	õ,698	8,700	1,024		
1642-43	••	••	2,408	1,577	206	66	271	1,808	2,863	1,797	4 1	427	826	108	5,698	8,700	1,460	-	
1843-44	••	••	2,501	1,617	178	240	418	1,904	2,770	1,767	87	427	826	18	5,698	8,70Q	1,959		
1844-45 1845-46	••	••	9,314 9,011	1,494	167	182	849	1,145	2, 957	1,880	41 AT	427	826	18	5,698	8,700	1,204	**	
1846-47	••		1,827	1,299	170 157	67	287 167	1,062	8,260	2,075	118	427 427	828 326	18 91	5,698 5,656	8,677	1,165		
1847-48	••		2,878	1,580	157		237	1,328	8,402 9,781	2,189 1,787	98	427	326	81	5,686	8,623	1,442		
1868-49	••	••	2,404	1,600	181	66	197	1,408	2,755	1,697	100	427	826	21	5,586	\$,628	1,524		
1869-50	44		9,273	1,521	128	26	149	1,872	2,886	1,778	111	427	828	श	6,586	8,628	1,504		
						— <u> </u>					.				[.			
1850-81	•	••	2,063	915	••	. 21	2 1	894	2,905	519	81.	466	184	21	6,834	1,568	996		
1861-52	••	••	4,551 5,195	1,215 1,807		••	••	1,915	1,817	221	32	466 442	134 129	21	0,884 0,298	1,670 1,560	1,268 1, \$ 47		
1863-54		•	5,206	1,305		 652	652	1,807 653	601 650	124 126	19 20	443	129	91 95	6,298	1,560	698		
1854-55	••	,	5,060	1,283				1,988	986	183	29	293	94	51	6, 298	1,660	1,868		
1855-55	••	••	4,623	1,209			••	1,209	1,877	257	4	298	94	51	6,298	1,560	1,804		
1866-57	••	••	4,882	1,248			••	1,246	1,148	220	40	29 8	94	5 1	6,298	1,560	1,337	••	
1857-58	••	••	5,065	1,275	••		••	1,275	950	191	87	293	94	51	6,298	1,560	1,868		
1848-59	` +e	••	6,203	1,312	••		••	1,812	802	154	94	293	94	51	6,298	1,560	1,\$87	••	
1869-60 1860-01	••	••	5,474 5,576	1,367 1,388		••	••	1,867	601	112	19	298	94	51	6,868	1,578 1,578	1,487 1,440	••	
1841-62	••	••	5,588	1,987			••	1,883 1,887	499 487	96 92	12 20	293 293	94 94	51 54	6,868 6.368	1,578	1,461	••	
1862-68			5,570	1,884				1,884	505	96	21	298	94	65	6,368	1,574	1,460		
1868-64	••	••	5,707	1,412	••	••		1,412	368	66	15	298	98	5 5	6,868	1,671	1,482		
1884-65	••	••	5,707	1,426	••			1,418	868	66	15	298	98	66	6,868	1,575	1, 486	-	
1865-66	••	••	5,711	1,417	••		••	1,417	864	64	18	298	94	64	6,878	1,575	1,489	•	
1666-67 1867-68			5,708 5,894	1,424	•••	••	••	1,424	806	67	19	860	94	ö 4	6,454	1,676	1,496		
1868-69	••	••	5,959	1,450 1,465	••		**	1,450	160	81	19	580	94	56	6,454	1,575 1,575	1,525 1,535		
1869-70	••		6,033	1,474	••			1,465 1,474	115 41	16 7	16	330 380	94 94	65 65	6,45 <u>4</u> 6,454	1,575	1,640	••	
1870-11		••	8,041	1,475			••	1,475	88		2	380	94	5 5	6,454	1,576	1,632		
1871-73	••	•	6,041	1,476			••	1,476	38	5	1	880	94	55	6,454	1,575	1,537		
1872-75	••	••		1,479				1,479	14	2	1	380	94	55	6,454	1,876	1,585	••	•
1878-74 1874-76	••	4.	6,064 6,064	1,479		••	••	1,479	10	2	1	880	94	8 5	6,454	1,676	1,535		
1975-76	••		6,064	1,479 1,479	••	••	••	1,479	10	2	I	380	94	55	8,454	1,575	1,585		
1876-77			6,073	1,481	••		-	1,479	10	2	1	\$80 380	94 94	55 55	6,454 6,454	1,575 1,575	1,685 1,597	 \$51	
1817-78	••		6,078	1,481			••	1,481 1,481	1		1	880	94	55	6,454	1,576	1,537	•1	
1878-70	**	••	6,072	1,480		-		1,480	1	••		380	94	55	6,453	1,574	1,635	187	
1879-80	•	••	6,072	1,480				Ĩ,480	1	••		380	94	55	6,458	1,574	1,686	8	
1880-81	••	••	6,072	1,480				1,480	1			880	94	56	6,453	1,574	1,586	89	
1881-82	•••	••	8,072 6,072	1,480 1,480			••	1,480	1	••		880	94	55	6,453	1,574	1,585	··· 110	
1888-64	••	•-	6,072	1,480		24.6	245	1,235	1	••	•	880	94	47	6,459	1,574 1,672	1,281 1,885	119 	
1684-85			6,072	2,480				1,480		· · .	- ,	380 990	92 93	55 55	6,453 6,453	1,573	1,536		
1885-96		•-	6,072	1,479				1,480 1,479	1	1	1 2	880 880	94 94	56	6,458	1,672	1,687		
			<u></u>	<u> </u>	L	+		ļ -,•••	Î	~	 		.		<u>ا</u> ا				

F.S.-The years above the jine are those antecodent to the year of Survey Settlement.

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W. M. FLETCHER, Superintendent, Poona and Násik and S. M. C. Revenue Surveys.

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APPENDIX

General Statement referred to in paragraph 45 of the Poona and Násik and Southern Marátha-Villages of the Akola Táluka

						•	····A		BY	PORMER	SURVE	<u></u>	<u></u>			2 120 1201
1					Hon In-	ble for	÷ -	<u> </u>		G	Ovideration	T 000071	ED LAND,			
X .	[·	Ĺ	NAME OF VILLAGE	rop mito.	cuitivation in	available	Dry-	nob'	Garc	teo.	Ri	0e.	Tol	aL		
Former 741the.	Present Thluka	Number.		Maximum dry-orop	Total area for cluding Infun.	Total area not cultivation.	Acres	Assessment.	Aorea.	Assessment	Acres.	Assessment	Acres	AssertionA	Waber-com	Total Assessment
1	2	8	. 4	5	0	7 .	8		30	11	12	18	16	15	16	37
ſ		1	Rájur	Ra. a. p. 1 2 0	Acres. 3,976	Acres. 448	2,566	Ra. 770		Ra. 	65	Ra. 108	2,661	i Ra. 876		Ba. 878
		8 4 5 8 7	Mogras. Pimpalgaon Khánd Dhúmangaon Pátáche Pángri Kotul Mukundji Kotul Nime	1 2 0 1 2 0 1 3 0 1 9 0 1 2 0 1 2 0 1 2 0	1,518 2,336 2,687 2,032 2,086 2,052	602 1,510 640 648 886 886	1,145 1,545 2,491 1,016 1,657 1,508	488 616 917 408 898 909	 65 85	 166 221	19 12 30 7 7 8	86 21 68 10 13 6	1,164 1,658 2,521 1,023 1,719 1,594	469 638 960 410 1,077 1,186	::::::	469 638 950 418 1,077 1,180
	-		Total of the ind Group		12,711	8,966	9,851	4,181	150	887	78	150	9,579	4,738		4,718
	· · ·	8 9 10 11 17 13	Pimpalgaon Nákinda Digambar Lahit Budruk Pimpaldari Chand Suraj Lahit Ehurd	1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0	2,639 846 1,468 1,643 1,643 174 1,063	1,127 1,058 583 1,918 135 749	1,466 474 1,164 1,860 156 961	619 268 446 587 71 817	54 	138 	71 8 	118 5 	1,591 477 1,164 1,860 156 961	875 208 448 587 71 817		875 268 446 567 71 817
kola			Total of the \$rd Group		7,848	6,570	 5,581	2,808	54	138	74	128	5,709	2,564		2,564
Junner	Akola	14 16 17 18 20 21 22 24 24 26 27 28 29 80 81 83 83 84	Kátalápur		1,690 962 1,036 600 7545 1,547 1,587 1,280 324 8,078 985 602 1,639 1,395 1,639 1,395 1,639 1,366 1,167 1,160 1,167 1,160	177 937 588 67 248 722 599 102 344 2,191 301 573 528 403 741 1,360 132 465	1,432 844 934 9555 688 1,414 1,110 292 297 1,107 557 1,559 1,183 1,003 1,606 1,047 1,850 612 1,267	867 210 230 241 123 164 339 882 247 75 660 196 196 34 260 274 412 455 147 251			73 55 96 23 28 28 20 83 58 68 17 121 45 45 45 45 58 15 58 15 58 15 58 58 58 58 58 58 58 58 58 58 58 58 58	95 75 153 29 40 29 101 81 81 81 200 74 57 123 49 200 74 57 123 49 200 1 182 47 168	1,504 897 1,030 952 583 703 1,497 1,406 1,178 809 8,892 945 597 1,651 1,213 1,121 1,541 1,541 1,541 1,037 1,971 944 1,260	463 285 333 270 164 193 440 463 340 191 465 370 191 485 372 456 432 456 637 194 456 514	•••••••••••••••••••••••••••••••••••••••	488 595 853 970 163 194 440 463 545 104 860 970 191 485 822 826 647 194 514
tkola			Total of the 4th/Group	••	27,580	10,189	23,921	6,051	1		1,150	1,785	25,07 2	7,798		7,796
Junnar		85 36 37 88 89	Pisewádi	1 2 0 1 2 0 1 2 0 0 1 0 1 2 0 1 2 0	690 1,087 2,333 1,785 765	421 461 884 1,561 103	546 731 1,579 1,678 454	129 274 848 259 196	 		9 15 74 45	2 23 110 64 	548 746 1,653 1,718 454	131 297 458 828 196	, 	131 297 453 323 196
İ			Total of the 5th Group		8,860	2,9 80	4,988	1,201			186	199	5,11 9	1,400	<i>!</i> ·	1,400
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Q. Country Revenue Survey Superintendent's Report No. 512 of 20th April 1887, for 102 Government of the Ahmednagar Collectorate.

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• •			NAME OF VILLAGE.	dr 7 -crop rata.	cultivation.	not avai	Dry-	crop.	Gard	len.	Ri	ce.	To	otal		4
Former Táluka	Present Tüluka.	Number.		Maximum dr7-	Total area for cluding Inám.	Total area n cultivation.	Acre.	Asteisment.	Å area,	Assessment.	Aares.	Assessment.	Acres.	Amossment	Water-cent.	Total American
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			Total of the 6th Group		58,723	27,557	50,764	11,502			1,624	2,578	52,588	14,080	••	14,
nar	Akola,	77 78 80 81 82 83 84 85 86 87 88 90 91 92 98 94 95 96 90 91 97 93 99 91 100	Panjra Ratanwädi		$\begin{array}{c} 570\\ 1,579\\ 463\\ 113\\ 63\\ 130\\ 725\\ 693\\ 1,148\\ 1,702\\ 827\\ 609\\ 84\\ 584\\ 584\\ 584\\ 950\\ 1,102\\ 902\\ 962\\ 962\\ 987\\ 609\\ 842\\ 982\\ 962\\ 982\\ 962\\ 982\\ 982\\ 982\\ 982\\ 559\\ 829\\ 256\end{array}$	8,246 2,633 3,637 5,995 1,971 8,604 544 1,068 2,944 609 7,354 609 7,354 609 7,354 431 280 1,858 1,518 4,518 4,518 4,518 4,518 4,518 4,518 4,518 4,518 4,518 5,518 5,519,	505 1,434 407 38 495 1,075 1,531 1,531 5,33 90 523 951 805 553 951 805 752 406 82 17 197 197 239 226	69 280 60 5 3 18 19 206 258 97 165 241 119 40 107 124 205 178 149 80 13 28 82 38			20 128 365 25 93 93 99 20 25 6 6 6 4 1 29 22 46 38 15 88 16 17 7 6 17	14 214 34 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	525 1,562 448 64 83 114 538 654 1,096 1,356 491 846 3,618 552 20 548 655 997 880 790 422 888 88 84 246 246	83 444 104 29 36 180 178 229 299 107 178 229 299 107 178 299 107 178 299 107 178 299 107 178 299 107 178 299 107 178 299 299 107 178 299 299 107 178 299 299 107 178 299 299 209 209 209 209 209 209 209 209		
		26	Total of the 7th Group		17,462	67,711	14,884	2,647		••	682	929	15,066	8,576		8,
			GBAND TOTAL	 	133,910	108,371	111,550	28,665	205	525	8,829	5,822	115,684	86,013		\$5,

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		hind.	ble for		GOVERNMENT OCCUPIED LAND.							Goyer Unoco Assessed	NMENT SUPIED D WASTE.	Governme				
op rate.		lti vation	t available	* Dry-c	rop.	Gard	len.	Ri	са.	То	tal.		쎰			ment of (otage.	REMAR US .
	Maximum dry-erop rate.	Total area for cultivation includ- ing Indep.	Total area not cultivation.	Acres.	Assessment.	Acres.	Assessment.	Acres.	Assessment.	Acres.	Assessment.	Water-cess.	Total Assessment.	Acres.'	Assessment.	Average Assessment of Government rer Acre.	Increased porcentage.	•
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	Rs. s. p.	Acres.	Acres.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.	Rs. a. p.		- ·
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· .		66,294	18,958	\$6,478	12,221	7	5	8,007	5,008	50,492	17,234	6	17,240	3,865	578	046	22·4	2
		751 1,797 670 877 165 818 1,048 1,231 2,220 537 1,024 2,498 736 124 750 1,143 1,234 750 1,143 1,234 970 789 623 302 83 8329 448 534	2,960 2,517 2,518 5,585 3,727 1,57 5,585 8,727 1,506 5,525 8,640 1,515 1,51 1,51 1,530 1,330 1,330 1,330 1,330 1,330 1,351 1,522 2,370 1,522 2,570	698 1,489 601 43 25 114 560 958 1,144 1,796 567 785 2,290 636 35 671 905 539 478 205 539 478 205 1,049 850 539 478 205 19 224 205 8464	108 232 89 11 6 19 88 161 166 286 90 135 879 111 114 148 100 220 80 81 83 84 46 43 77			45 185 45 27 43 131 54 52 52 15 105 44 37 57 52 28 44 37 9 76 528 44 37 9 76 28 48 20 9 9 24 48	45, 211 555 46 158 158 164 155 260 28 265 265 265 265 265 265 265 265 265 265	$\begin{array}{c} 743\\ 1,674\\ 649\\ 78\\ 52\\ 158\\ 691\\ 1,007\\ 1,176\\ 1,854\\ 589\\ 800\\ 2,396\\ 680\\ 897\\ 08\\ 708\\ 974\\ 1,144\\ 873\\ 587\\ 498\\ 214\\ 43\\ 240\\ 276\\ 486\\ 486\\ \end{array}$	- 158 443 144 56 246 246 214 201 355 151 151 154 154 154 154 154 155 101 400 27 60 80 810	•	153 443 144 50 36 67 946 914 914 901 355 118 151 166 903 96 154 155 101 156 203 205 156 156 156 205 205 106 156 145 205 201 201 201 201 201 201 201 201 201 201	7 80 15 5 145 145 145 19 8 146 108 12 132 34	1 10 9 1 7 22 1 21 15 11 10 5	$\begin{array}{c} 0 & 8 & 3 \\ 0 & 4 & 1 \\ 0 & 10 & 1 \\ 0 & 10 & 1 \\ 0 & 10 & 1$	84 3 -02 93 1 84 2 86 1 36 7 20 2 -12 2 18 7 18 7 18 7 66 6 18 800 0 11 6 23 8 4 3 27 6 31 3 27 6 31 3 27 6 5 89 0 10 9 8 93 0	
		21,181	68,350	17,489	2,944			1,170	1,327	18,659	4,271	:	4,271	884	130	0 8 7	19*4	- . .
	•···	149,881	90,006	123,092	\$0,752	512	501	7,118	11,493	130,722	42,746	615	48,361	11,021	9,123	0 5 2	23-8	

W. M. FLETCHER, Superintendent, Poona & Násik and S. M. C. Revenue Surveys.

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No. 108 of 1848.

RICHARD SPOONER, ESQUIRE,

Collector.

Nagar, 22nd August 1848.

SIE,

To

I have the honour to report the completion of the survey of the Ankola Dángs, and to solicit sanction for the introduction at the approaching jamábandi of the new rates herein proposed.

2. The Ankola Dángs form a portion of the Syhádri range, and of the country known by the name of the Konkan Ghát-Mátha Description of the Dáng or Konkan on the top to distinguish it from the Thal

or hill country. or Konkan on the top, to distinguish it from the Thal or Konkan below the Ghats. The average breadth of

the ghát-mátha is 30 miles, extending from the summit of the ridge facing the Konkan to the Desh or Deccan plains. The features of the ghát-mátha, now commonly called the Dáng, in no way resemble those of the Desh or champaign country. Produce, customs, castes, climates, trades, pursuits, revenue management past and present, all differ more or less. Antecedent to the Mahomedan conquest the ghát-mátha appears to have been divided into small States under petty Chiefs. Nor was this state of things much altered by the conquest : authorities, European and Native, agree that the authority of the Mahomedan kings was never fully established in the Dáng. "Old papers evince in their time a state of things approaching to anarchy, when the Government depended entirely on what it could exact from the Zamindárs, who appear to have assumed some degree of independence." Chiefs, Killedárs and land-holders seem to have been nearly supreme, occasionally paying tribute and occasionally receiving pay to keep their hill-tribes in order. The various Dáng Hill Forts had the surrounding villages and districts severally apportioned to them for their maintenance, and the Governors thereof exercised civil and military authority over these various tracts of country.

3. Much the same state of things continued under the Marátha rule. The subjugation of the ghat-matha was always imperfect, and its revenue management was never either by Mogals or Maráthas reduced to a system. The Police Naik system now prevailing throughout much of the ghat-matha or Dáng territory is a standing proof of (because it had its origin in) the anarchy usually prevailing here. This consecutive state of things was the consequence of the Dáng being, as pronounced by competent authorities, the strongest country in the world in a military point of view. It was left to our Government to introduce more thorough control in this part of the country. Still the famous robber Umáji, after him Rámji Bángra and more lately his son, as well as other banditti, have at times, aided by the nature of the country, contrived to do much harm, and to put Government to trouble and expense. Where martial law was so difficult of introduction, revenue management was out of the question: and our Government has been the first to introduce both the one and the other. In A D. 1818-19 revenue measures were taken in the Dáng somewhat similar to those generally adopted by us throughout the Deccan; the system resulting from these measures is described below.

4. The survey of champaign portion of the Ankola Táluka consisting of Treatment of the Dáng under our rule, i. e. from 1818 up to 1848. Trevious to entering on this work under date the 10th January last, I submitted a report on the system

hitherto obtaining in these 110 Dáng villages and on the method proposed for their present settlement; a portion of that report it is necessary for the sake of clearness to repeat. 5. There is no part of the Nagar Zilla which stands more in need of revision than the Dángs of Ankola. Captain Robertson in 1829-30 attempted to place matters in form but desisted pending a regular survey; since his time the question has passed unnoticed. The Dáng of Ankola contains 114 villages, four of which are alienated. At present four different systems of assessment obtain in the 110 khálsa villages as follows:---

- 1. The "Begawni."
- 2. The "Autbandi" or plough-tax.
- 3. The "Nakt Chál."
- 4. The "Dalli" (or hill assessment).

6. In the Begawni system the land professes to be divided into fields First system. of so many bighás each; there is also a number of

kharda or field registers, but no field measurement of any kind, or classification according to the capabilities of the soil, has ever taken place. The so-called bigha is found of every size from half an acre to four or six acres. There are in these 40 Begawni villages twenty-five rates. Each village has usually from three to six different rates. The kulkarnis also realize direct from the rayats of these Begawni villages six páylis of grain and 8 annas cash on every 30 bighás : but these levies are not uniform.

7. The "Autbandi" system is a tax on ploughs. There are two-bullock Second system. ploughs, four-bullock ploughs, six-bullock ploughs and eight-bullock ploughs. The rates are 43 in number. There are commonly 3 and 4 different rates in each village, which are also liable to be halved and quartered.

8. These numerous rates are frequently altered; the loss or acquisition of a bullock or two, the extension or diminution of cultivation, any addition to a man's family or establishment and other causes will add or take away a half or a whole plough as the case may be, and at the discretion of the kulkarni.

9. An annual assessment takes place in these Autbandi villages, the kulkarni is sole assessor, the pátil nominally supplies the information: the influences which combine to form the result seem endless: but there is little uniformity of procedure, the kulkarnis giving different accounts of their modes of assessment; some kulkarnis say—they take the extent of land into consideration, others that this forms no part of the system. These kulkarnis are in the great majority of cases deshpándes also.

10. This plough-tax admits of no test whatever, and this is never attempted by the Mámlatdár or other head officers.

11. Besides the rates on ploughs already specified each kulkarni realizes directly from the rayats 3 páylis of grain and 4 annas cash on every twobullock plough, 6 páylis and 8 annas on every four-bullock plough, and one rupee and 12 páylis on every eight-bullock plough.

12. Twenty to forty acres go to a plough, but the land is never measured, and from first to last nothing is certain in this system save the supremacy of the kulkarni.

13. The third system prevailing is called the "Nakt Chal." A round Third system. sum is fixed on the head of each rayat by the kulkarni and pátil, but the latter officer takes a very secondary place in all these arrangements. The rayats' powers, bullocks, partner's family, are said to be the influences which combine to fix this assessment. But here as in the "Autbandi" system the assessors give most various accounts of their modes of assessment. These round sums are annually altered; on the loss of a son of a partner or of a bullock, they fall; when a man's cultivation increases, or his condition improves, they rise. No definition of land takes place, and neither rates nor records exist, save the rayats' name and the round sum he yearly pays. The system admits of no test whatever, and none has ever been attempted.

14. In these "Nakt Chal" villages the kulkarnis levy directly from the rayats half-anna in cash and one ser of grain on every rupee of assessment, but this and all similar levies vary occasionally.

15. The fourth system is the Hill or Dalli assessment and obtains in nearly all the Dáng villages under different forms. The rates on this land are twelve in number. Two, three and four rates exist in a village : the kulkarni fixes these several rates. The rayats' means and powers are looked to : a single man pays annas 8, a married man one rupee and so on, but there is no perfectly uniform rule of procedure. The kulkarnis levy directly from the rayats 1½ páylis of grain and two annas in cash on each Dalli.

16. Irregularity and uncertainty pervade the above systems, and the whole tendency of the second, third and fourth is to tax and check industry and labour instead of holding out inducement thereto. The rates are not heavy, yet with the exception of the kulkarnis none of the cultivators appear to be in easy circumstances.

17. The settlement of the Ankola Dáng now under report has consisted The change now made: new system described. hilly lands which do not admit of field measurements are leased in a lump to the inhabitants of each village, each individual having his own holding and dues defined and recorded in a separate lease which is signed and given at the promulgation of the rates. A copy of the lease given to each village is herewith submitted, vide Appendix C: it sufficiently explains the leasing system which is only had recourse to where field measurements are impracticable or uncalled for:

18. The survey, field by field, has been conducted on the same principles as our Desh surveys : field boundary marks being composed of stone and earth, village and district maps and all documents are prepared as in other surveys.

19. Field measurements are always to be preferred to any leasing system in which land is given *en masse* to a number of rayats : but the poverty and smallness of the Dáng villages of Ankola, the scantiness of the population, the rugged, mountainous, and jungly nature of the country, all combine to make field measurements throughout highly unadvisable at present. Where the leasing system has been some time in force, it has more or less paved the way for field measurements.

20. The new system above described having been completed in the Nagar

Amount of work performed during the season and cost thereof. Dáng, I have the honour to forward a statement marked A in the appendix, showing the amount of work performed in the field from November to June, and the total expense incurred from 1st October 1847 to the

31st July 1848. It also shows the aid afforded by the ordinary district establishment.

21. It will be seen from this statement that the survey of the Ankola Dángs for the season under report has cost about 3 pies per acre, being about Rs. $16\frac{1}{2}$ per cent. on last year's realizations on the old rates inclusive of parbhára haks and sale of kurans and waste arable lands. No portion of my pay is included in the above, as I draw the pay and perform the duties of First Assistant Collector and Magistrate, and should equally do so were I unconnected with this survey. The entire cost of the survey, viz. Rs. 5,142, only exceeds the average annual remissions on the old rates, viz. Rs. 4,846-6-0 by Rs. 295.

22. The average size of the rice fields, as lately measured in Ankola, is Division into survey fields. p 1292-16 been made in almost exact accordance with existing tenures and holdings, and with due regard to the modes of cultivation, and the means of the people. I asked each village when assembled before me to point any deviation from this, any infringement of rights or tenures, or any field that appeared to them inconveniently large or small, and that steps should be taken accordingly. They without exception stated that they were satisfied with the survey fields.

23. Boundary marks similar to those of the Desh survey have been constructed around all jiráit fields. The outer crust of these boundary marks is generally of stone, the interior is filled in with earth; this is necessary owing to the heavy rains in the Dángs. Most of these boundaries have been raised by the villagers, Rs. 51-9-0 only having been expended by this department, and this sum is recoverable. Rice lands being already strongly embanked and naturally defined, stones alone have been placed around them. During this and the preceding year 109 village boundary disputes have been settled in the Desh and Dáng of Ankola by Pancháyat, chiefly through the exertions of the Mámlatdár. Thirteen bordering with adjoining zillás remain to be settled.

24. The result of the year's test in measurements gives an average percentage error of 1.88 in rice land: and of 1.76 in jiráit land measurements. A ten per cent. test of all measurement was taken by Native testers and a ten per cent. test of their work was taken by Mr. Hexton.

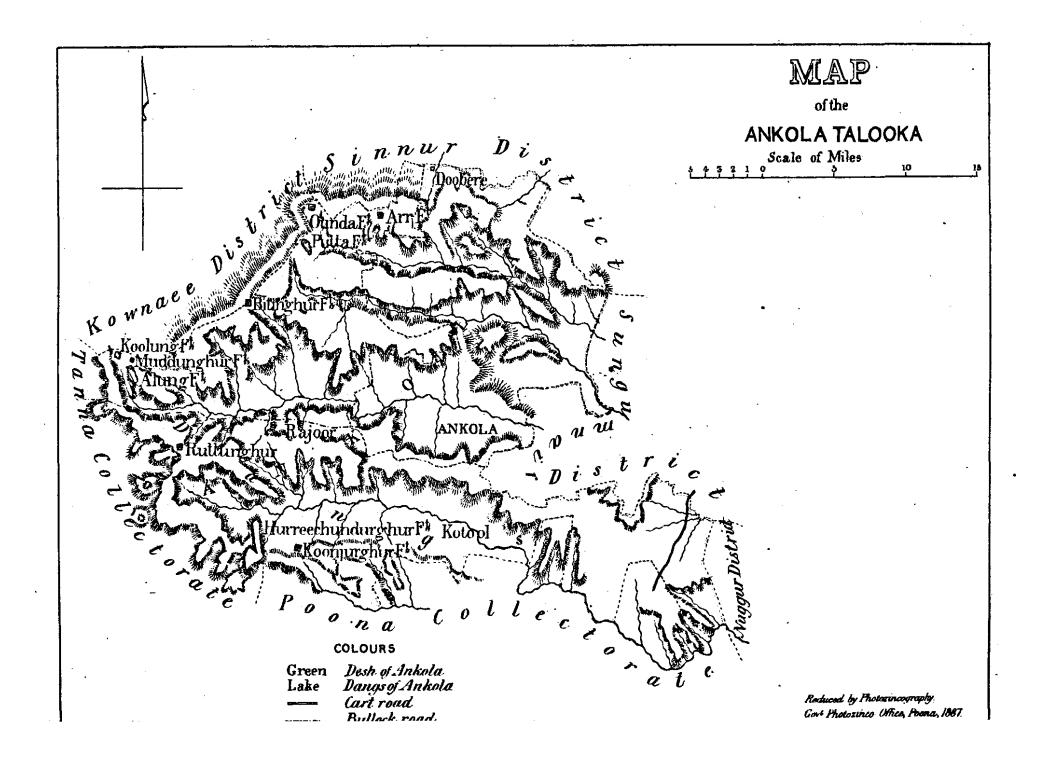
25. The average percentage error* in the classification of rice land is 1.16 and the average percentage error in the jiráit classification is 4.59. The maximum error detected in the rice land classification was 28 per cent. and in the jiráit 13 per cent. A ten per cent. European test was taken by Mr. Hexton of all classification. I took a test varying from 5 to 20 per cent. in 16 of the 110 villages, and found the work as well done as its nature and the Agency employed admit.

26. The circumference or outline of each village has also been carefully Village and Táluka maps. measured by the Theodolite, its area ascertained and a correct map of each village formed thereon. These several village maps have again been reduced into a complete táluka map which I have the honour to submit in a separate case for inspection. I have no mapper in my establishment; the map now submitted is drawn by Mr. Hexton, the printing is by my writer (who has done nearly all the mapping work in this survey); the appearance of the map must, therefore, necessarily be inferior to what it would be if drawn by a practised hand. The outline however of each village having been most precisely measured by the Theodolite, I believe I may say that what' the map wants in appearance its accuracy atones for.

27. Before entering on the consideration of the rates to be imposed on the General statistics of the Dáng. Mr. Hexton for a report, which I have the honour to forward.

28. The matter may be briefly summed up thus: the hill district under report forms the most western portion of the Ahmednagar Division, it is composed of ghats, hills, ravines and nallas, level land is rare, it contains the two highest mountains in the Deccan, Kalsai and Harishchandragad. The soil is poor, rain is plentiful, torrents numerous and destructive, so much so, that jirait land is frequently embanked like rice land to prevent the soil being washed away. The chief products are rice, khurásni, nágli and bájri. The two first only are exported, the former in the inner Deccan, the latter to the coast for oil. The inhabitants with the exception of the

[•] Norre.—The average percentage error in the classification is calculated on the difference in the assessment of each field as ascertained by the European test compared with the result of the Native classifier's work. Thus, the assessment of a field as classed by the Native Tarram is Rs. 3-11-0, but according to the test Rs. 3-14-0, difference 3 annas; percentage error in the assessment of the field is 4-83.



kulkarnis are poor: there are about 55 souls to the square mile and 5 cultivators to one non-cultivator. There are only two weekly markets: the exports consist of rice, khurásni, ghee and a few cattle: the imports, of common cotton stuffs, sugar, salt and the *most ordinary* necessaries of life. Four weavers make turbans and a few shepherds Kámblis, but to this the manufactures of the district are limited. Interest is high, or in other words, the borrowers are poor and the risks of the lender great.

29. The adjoined map shows the nature and position of the district and the roads and bullock tracks in it. There is only one cart-road; it crosses the extreme eastern corner of the talukas, but as it descends the Ghat into the Sangamner Taluka by the bed of a precipitous nalla which requires annual clearing before a cart can pass. I am perhaps scarcely warranted in calling this a cart-road, but it is the nearest approach to one in the Dang. Owing to this absence of roads, the stagnation of trade and manufactures, there is nothing whatever to relieve the pressure of the people upon one single and insufficient resource, the soil; and this evil, under which all India suffers, is doubly in force here.

30. The advantages of the Dáng rayats consist in never-failing rain, abundance of grass, and wood for building and all domestic purposes; the entire lands of their village are now given up to them, so that the more they extend cultivation the less they pay. Cattle from the interior when fodder fails come to pasture in the Dángs. The disadvantages are—bad climate, additional labour entailed by rice cultivation, and by the necessity under which they lie of clearing new jiráit land every three or four years; fires are frequent; they have no village walls or other private means of protection against robbers than that afforded by black mail. In the matter of "additional labour" however, I speak only comparatively. No cultivators on the globe, I suppose, labour less as a body than the Indian rayats; hard work is scarcely to be seen, while crops half-choked with weeds bespeak constant negligence; the remission system, which unfortunately cannot always be got rid of, is a premium on bad tillage and laziness.

31. The principal castes in the Dáng are the Coolies numbering about 12,250, the Kunbis 5,545, the Vanjáris 621, the Population. Thákors 1,160, the Kánaras 442, besides 5,518 souls belonging to miscellaneous castes, making a total of 25,536 souls. The Coolies are a careless, thoughtless, and improvident race, generally in debt and of plundering habits, and whenever the gháts are disturbed by gang robbers, the Ankola Dángs supply their full quota, and afford the 'gangs strong and choice retreats against the Police. Rágho Bhángra and his equally notorious father Rámji Bhángra were both inhabitants of the Ankola Dángs. The Kunbis are

a better disposed race and more industrious. The Thákors and Kánaras are remarkably well behaved and are rarely to be seen in our Courts either as witnesses, prisoners, or defaulters. The Thákors, though poor, are rarely or never in debt. The Kánaras, a shepherd tribe, are as seldom in debt, and are generally in easy circumstances.

UKTI RATES.

32. The new Ukti rates for the 110 Dáng villages under report are Ukti rates or round sums fixed on the leased lands of each village. The new Ukti rates for the 110 Dáng villages under report are exhibited in four statements in Appendix B and therein contrasted with the average of past realizations during various periods. The 110 villages are grouped into

three classes : the first class contains 44 villages bordering on the champaign country and consequently of a mixed nature, partly Desh and partly Dáng. The rice, jiráit, and garden lands of these villages have, as far as they admitted of it, been measured and classified, field by field, the unmeasurable lands being alone leased out for five years. The second class contains the mid Dáng villages, 33 in number. Their rice lands alone have been measured and classified, field by field, their entire jiráit * lands being leased out to the villagers for five years. The third class are composed of the extreme Dáng villages, 33 in number; they lie chiefly on the crest of the Gháts and admit of nothing beyond rice land measurement; their jiráit lands are, therefore, leased out in the lump for five years.

* N.B.-The proposed period for the new rice, jirait and garden rates is 30 years.

33. In determining the round sum payable by each village I have been guided by the average of past payments, the nature and extent of the soils leased out, the condition, state, and number of contracting parties, and by all the general items of information that can be brought to bear upon the subject. The rates now submitted for sanction entail, compared with the average of 29 years' past collections, no loss to Government, and I believe they hold out sufficient profit to the lessees. On the expiration of the first five years' leases, these Ukti rates will admit of an increase varying according to the circumstances of each village from 5 to 35 per cent.

34. The value per acre of the gross produce of these leased lands varies from Rs. 3 to Rs. 6; about 10 per cent. of this goes to the Ballutedárs, and the average demand of Government per acre by the rates now submitted for sanction will be about 3½ annas per acre.

35. On the Dalli lands which are tilled by the koyta or bill, I have fixed rates varying from 8 annas to Re. 1 per Dalli or koyta according to the nature and description of the land.

RICE RATES.

36. The rice lands of Ankola differ from those in the Násik Division and are very inferior to those of Kownai; the superior sorts of rice which are common in the latter are not grown in the former; the medium and inferior rices being alone cultivated. The old rice rate in Kownai was Rs. 8 per acre, that of Ankola never appears to have exceeded Rs. 2 and generally to have fallen short of that amount. This change in the land and its produce made a slight change of system and rates necessary; the rice soils were arranged into classes with rates as follows :---

	Classes.					2nd.	3rd.	4th.	5th.	6th.	7th.	8th.
Annas	•••	•••	•••	•••	40	36	32	28	24	20	16	12

37. The gross profit on an acre of rice land appears, from various enquiries and inspections of produce, to average under favourable circumstances Rs. 10, the ordinary extremes being Rs. 5 and Rs. 20. The expense of tillage is considerable, being usually reckoned at one half of the gross produce. The result of the rates here proposed is given in Appendix B. for each village, and the new average rate per acre is Rs. 1-6-5. This is the highest rate I can venture to propose, and moderate as these and all proposed rates are, they will entail in individual cases, and in a few villages, an increase on the old rates. The average new rice rate in Kownai was Rs. 2-11-6, that of Wandindori Rs. 1-3-4²/₃.

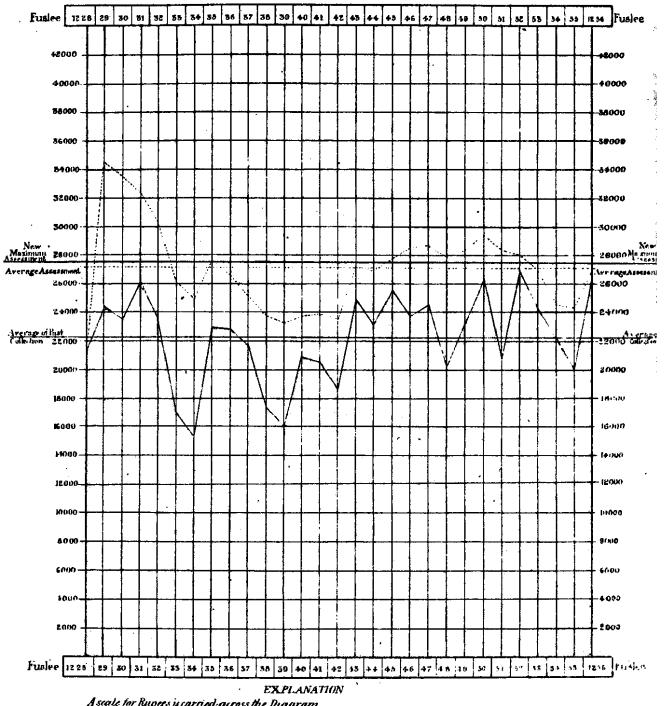
JIRA'IT LAND AND ITS RATES.

38. As already stated the superior jiráit lands, where practicable, have been measured into separate fields, and not leased out as in the case of the unmeasurable jiráit lands. The gross produce per acre of such lands varies from Rs. 3 to Rs. 15; the cost of tillage is about $\frac{1}{2}$ thereof. The maximum rate proposed for these lands is 18 annas, the minimum 4 annas; these rates are proportionately lowered throughout the nine classes into which these soils have been arranged according to their relative values as determined by the classification as follows :—

Classes.			laţ.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	
Annas	***	***	•••	18	16	15	13	11	9	7	5	4

These rates will yield an average rate per acre throughout the district of 6 annas and 10 pies.

DIAGRAM exhibiting the annual amount of LAND ASSESSMENT REMISSIONS and actual COLLECTIONS in 110 Pang Villager of the ANKOLA District since it came into the possession of the Honorable Company as contrasted with the Maximum Assessment under the New Rates



A scale for Rupers is carried across the Diagram The Ligzag dolled line shows the gross assessment on Lund actually culturoted exclusive only of Purburree Hucs.

The Zigzag black line shows the ratual realizations exclusive only of Purbarree Hucs. The space between the dotted and black Zigzag lines shows the amount of Kemissions. The Horizontal dotted time shows the average gross assessment exclusive of Purbarree Hucs. The Horizontal black line shows the average gross collections exclusive of Purbarree Hucs. The average amount of Purbarree Hucs excluded from the above is Rupees 2515.

The Red line shows the Maximum as sessment imposeable under the New Roles and is intended to include Purbarree Hues to the amount of Rupees 2516. The above demands and collections are reduced to Company's Rupees for those years in

which they were made in Anknoser Hupers. N.B. In the above accounts the revenues affected by the Survey are alone given Syer revenues Umuis. Kouruns # " are not allered or affected by the Survey

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GARDEN LAND AND ITS RATES.

39. The entire garden land in the 110 villages under report amounts only to 216 acres; it has been measured and classified in the manner followed in all the surveys.

The proposed rates are as follows :----

		•	Highe	st rate.	Lowest rate	.
			F	ls.	Rs.	
- Pátasthal (12 classes)	- 1	***	7	1	21	
Motasthal (5 classes)	***	•••	8	ł	11	

The average rate per acre for Pátasthal on the proposed rates is Rs. 2-11-1, for Motasthal Rs. 2-7-8. These rates are eight annas lower than the Bágáyat rates sanctioned in the Deth Survey, and this reduction is fully called for in the Ankola Dáng.

ENTIRE FINANCIAL CHANGE CONSEQUENT ON THE RATES NOW PROPOSED.

40. The adjoined diagram exhibits the annual fiscal state of the 110 Dáng villages under report during 29 years, that is from A.D. 1818-19 to 1846-47, and shows the prospective result of the rates now proposed. The following statement presents a similar contrast of the old and new rates in another form, and Appendix B. shows the same in detail for every village :--

			RESULT OF	RESULT OF NEW RATES.			
Namber	of Villages.	Average of 15 years' actual reali- zation, i., c. A. D. 1818-19 to A. D. 1832-33.	Average of 14 years' actual reali- zations, i. e. from A. D. 1833-34 to A.D. 1846-47.	Average of 29 years' actual reali- zations, i. e. from A. D. 1819 to 1846-47.	Last year's (s. c., A. D. 1847-48) actual reali- zation on the old Rates.	Probable realizations in 1848-49 on the new rates if sanctioned.	The new maximum assessment as per Survey.
	1	2	8	4	5	6	7
110	•••	Rs. . 20,926	Rs. 23,690	Rs. 22,299	Rs. 28,115	Rs. 23,864	Rs. 27,480

The entire new Kamál exceeds the average of 29 years' realizations by Rs. 5,181 or 23 per cent. The probable realizations (Column 6) in 1848-49 on the new rates will fall short of last year's realizations on the old rates by Rs. 4,251 or 15 per cent. The new maximum assessment as per survey will be shortly realized, and, on the expiration of the 5 years' leases, will admit of some increase.

42. The average of past remissions during 29 years is Rs. 4,846-6-0 or 21.5 Remissions past and future. per cent. on the average past realizations for the same 29 years. Under the new rates there will, I confidently anticipate, be no call for remissions except in the event of some general and total dearth. I anticipate this because when rain falls nowhere else it falls in the Gháts, and thus years of failure are favourable to the Dáng inhabitants, because prices are then high ; it is not in the memory of man, nor I believe in history, that the Dáng crops have wholly failed from drought. From 1841 up to the present time no remissions have been granted in this zilla in any village after it was brought under the operation of the Dáng surveys; at least such was the case when I left Násik in July 1847, and it is not likely that in so favourable a season as the last the Sub-Collector would have given any, but as there is a strong vitality in the remission system, which Native officials and rayats are bent on fostering, and as the change of European

N. B.—The accounts on which this diagram is formed were made out in the first instance by the Mamlatdár; they were then *entirely re-made* in my office; I believe them to be as correct as our past accounts admit of.

в 1292—17

officials often renders them ignorant of the state of the district, I have little hope that remissions will long be kept under, even in the Dáng, unless expressly prohibited in this zilla, save under special sanction.

43. In the above statement neither Parbhara Haks, the average amount of which for the last five years is Rs. 2,515-2-1, nor

Purbhára Haks. sale of waste land, the average amount of which is Rs. 472-7-8, are included as noticed in the sequel; these Parbhára Haks should, I think, be included in the new rates, the direct levy thereof by the Hakdárs from the rayats being stopped, and the sale of waste lands will not take place to any considerable extent under the new system. The total deduction therefore on these heads becomes Rs. 2,987-9-9. This sum added to the average of 29 years' realizations (Column 4) gives Rs. 25,286 as the total average realizations, direct and indirect, on the old rates; this sum is less than the new maximum assessment (Column 7, Rs. 27,480) by Rs. 2,194 or 8.5 per cent. The first year's probable realizations on the new rates will fall short of last year's realizations, direct and indirect, by Rs. 7,238 or 23 per cent. Twenty-three per cent. is consequently the actual amount of *immediate* relief given by the new rates. In the Sub-Collectorate of Násik the immediate relief given was 31 per cent: it is less in Ankola because the old rates there were much lower than those of Násik.

44. The old kamál or maximum assessment in the Dángs has never been old and new rates contrasted. 44. The old kamál or maximum assessment in the Dángs has never been ascertained, and I therefore deal solely with the averages of past collections during various periods in contrasting the result of the old and new rates. I have

in vain endeavoured to ascertain with some degree of accuracy what the old rates in Ankola have been; but as no measurement of the arable lands has ever taken place, it is impossible to ascertain the rate per acre. Even in the Begawni villages there is no true record of them, and had several holdings been measured and their assessment divided by the number of acres, this would only give the general average rate, and would be no clue whatever to the amount falling on the rice, bágáit, black or mál lands comprised in the holding; and were the old rates ascertainable in some or even many instances, they would form no guide for the whole, for not only has assessment varied in every village but with every individual.

45. From what I have been able to glean from various sources I am inclined to believe that the old rates have been pretty much as follows :----

- Old rice rates vary from Re. 1 to Rs. 2, average rate Rs. 1 per acre probably.
- Old jiráit rates vary from 2 annas to 1 rupee 14 annas, average rate probably annas 7 per acre.
- Probable average old bágáyat rate Rs. 3 per acre.
- Old Dallee rates vary from Rs. 2 to 1 anna per Dallee.

New average rice rate per acre Rs. 1-6-5.

- New average jiráit rate per acre Re. 0-6-10, new average rate on leased lands Re. 0-3-6 per acre.
- New average bágáyat rate Rs. 2-8-11 per acre. New average Dalli rate 9 annas 11 pies per Dalli.

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PARBHA'RA HAKS.

46. I have already enumerated some of the many levies made directly by the kulkarnis (many of whom are Deshpandes also) from the rayats. These levies are numerous, irksome, and irregular, and afford the kulkarnis and Deshpandes certain and easy means for undue exactions. They, and all the levies set forth in Column 5 of the adjoined statement, which are in excess of the fixed rates, should, I am respectfully of opinion, be paid in future from the Government assessment and not as heretofore in excess of it.

Statement showing the average direct and indirect emoluments of the several hereditary officers in the Ankola Dángs accompanies. These amounts are the average realizations of the last 5 years, *i. e.* from 1843-44 to 1847-48.

No.	Name of Officer.	Amount paid from the Gov- ernment Treasury and Revenue.	Probable Value of their Inám Land.	Estimated Value of Levies in cash and kind paid by the Rayats over and above the Government Assessment.	Remarks.	
1	2	8	4	5	6	
123456789 9	Deshmukh Deshpánde Pátil Sir Pátil Náikwarsi Chitnis Tareer Káji	715 3 1 115 1 11 903 12 4 90 10 8 34 13 0 ,28 14 10 49 11 5 	Rs. a. p. 121 8 6 107 10 3 1,160 3 6 55 2 6 	Rs. a. p. 291 13 3 348 8 7 70 10 7 1,756 6 4 22 8 0 11 0 2 9 12 6 4 14 0 2,515 2 1	The entire amount of Column 5 is a levy in excess of the or- dinary Government assessment. The haks of the pátils and kulkarnis are levied by them di- rectly from the rayat; all the other collec- tions are made by Government and paid to the Hakdárs. 6,882 3 2	

I, therefore, beg respectfully to solicit sanction for the prohibition of the above extra levies amounting to Rs. 2,515-2-1, the amount in future being paid from the ordinary Government revenues instead of, as heretofore, levied in excess of them, the several sums being tested by the Daftardár and fixed in the Collector's office previous to payment.

KISTS OR REVENUE INSTALMENTS.

47. At present the revenue instalments in the Dángs of Ankola are as follows :--

December 6 annas. January 6 annas. February 4 annas.

But in December the crops are not ready for the market, and consequently that instalment is frequently borrowed at high interest from the Vánis. In January the rice is ready, and it is mainly from this source that the Government revenue is paid by the rayats. I beg, therefore, respectfully to propose the following instalments which are fixed according to the wishes of the rayats, the markets and periods of threshing and sale : --

January		***	•••	As. 6
February	• • •	•••		"6
March	***	***	•••	"4

48. I have now brought my report on the Dángs of Ankola to a close, but I am obliged to trespass further on your time with some remarks on the Dáng survey concrelly.

The five years' leases of jiráit were sanctioned in the first instance in the Kownai Táluka because the lands did not then admit of being measured into separate fields, and on the expiration of the leases the better soils being the black lands were to be measured and assessed in separate fields, and the poorer and unmeasurable lands alone leased out afresh. This has been done as the leases expired, and in the season of 1846-47 the only remaining 24,018 acres of black land in 80 villages of the Kownai Táluka were thus measured and classified in anticipation of the expiration of the leases. The average percentage error as ascertained by the test was acres 4-21-0 in measurements and Rs. 1-6-4 in classification. Duplicate copies of all survey documents were made out and delivered to the Mámlatdár. The average actual realizations during the last

Late Acting Sub-Collector to Collector, No. 34, dated 2nd October 1847, paras, 19 and 22. Acting Sub-Collec-tor of Násik tò Acting Col-lector of Nagar, No. 2, dated 16th February 1847.

five years on the black lands of these 80 villages is Rs. 13,993-12-0. Their assessment under the new rates already sanctioned for the taluka is Rs. 14,796-4-4. The immediate increase of revenue on these lands which are all under cultivation therefore is 5.73 per cent. In the same year the outlines of 153 villages of the Chándor Táluka were measured with the prismatic compass. The above work has been already reported upon in my letters noted in the margin.

49. The Sub-Collector is fully aware that leases are occasionally expiring and has no doubt taken steps for their renewal. There is, Renewal of the five years' however, a question connected with the future renewal leases.

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of the five years' leases which requires consideration. It is are these leases to be simply renewed without change, or are they to be given de novo?

50. On this point a specific order seems to me necessary, so that the different, local officers to whose lot it may from time to time fall to renew the leases, may have same guide on the subject.

51. I am respectfully of opinion that a mere renewal of the first leases will not suffice; every year brings its changes with it, and every five years must bring many and great changes, so that the original leases become more and more inapplicable to the village. The Ukti rates given in the first instance were necessarily very low; under them cultivation has greatly extended, many absent villagers have returned to their lands, and many new cultivators have joined. These and other facts would enable the settling officer to raise the Ukti rates in almost every village in renewing the leases for the second time, and this increase of revenue is fairly due to Government, and should not I think This is more particularly the case as regards the second lease, for be lost. the first lease was given with strict reference to the then state of each village, and during the first lease of five years changes are necessarily greater than they can be afterwards, when the people have settled down and accommodated themselves to the new state of things. In the six villages whose expired

Acting Sub-Collector of Násik to Acting Collector of Nagar, No. 624, dated 12th October 1846.

leases I renewed as reported on in my letter noted in the margin, the increase made in the Ukti rates amounted to 20 per cent.. In like manner most villages will on the expiry of the first lease admit of an increase varying according to the several circum-

stances from 5 to 35 per cent.

52. I am therefore respectfully of opinion that the leases should be renewed de novo in every village, and the Ukti rates fixed on enquiries similar to those made in the first instance. After one or two such renewals de novo, the leases will assume an almost permanent form, and then a simple renewal without or with scarcely any change will possibly suffice. Should Government contemplate at any time to enfore clause 9 of the lease, the same can easily be done in all villages bordering on the champaign country, or partaking of its nature. In the villages more immediately on the ghats I doubt the possibility or advisability of such a measure.

53. Before closing all connection with the Dang survey I am most anxious to depute Mr. Hexton for six weeks or so, to Final revision of field the Dángs of Kownair and Wandindori, in order boundary marks. that he may give the boundary marks there a final and thorough overhauling.

In the Dángs these marks are liable to be washed away by rain and torrents, and when they were erected, our system of procedure was not so strict and perfect as now. It is of the greatest consequence that this work should be perfected. I respectfully hope therefore that Government will depute Mr. Hexton to the Sub-Collectorate, so soon as he shall have finished the preparation of the Ankola records, with a view to finally inspecting and repairing all the boundary marks in the Dángs. I believe it to be to no purpose ordering Mámlatdárs and

deputing Deshmukhs and others to this duty; they are not aware of what is required; they cannot correct errors or supply omissions, and cannot even when willing perfect the work and serve under European supervision; they make but little effort towards this end.

54. In March Mr. Hexton would be prepared to proceed there: and the rayats are then at leisure: about six weeks would suffice for the entire work, and so small a portion of time could not be more profitably employed. If Government sanction this arrangement, I hope the Sub-Collector will be requested to place the Deshmuks of Kownai and Dindori and if necessary other officers at Mr. Hexton's disposal, and to give him all requisite aid, as Mr. Hexton's success must entirely depend on the support and aid he receives from the local authority.

55. There is one peculiar feature in rice land which calls for some remark

Tendency of rice beds to enlarge.

I mean the tendency of rice beds to enlarge. There are usually stone or earth embankments at top and bottom of these beds, but the industry of the rayat

may greatly extend them to the right and left, this extension being limited only by the natural formation of the bed, and sometimes, though rarely, by the proximity of a neighbour's field. As this extension is constantly going on, a remeasurement of these lands will be necessary on the expiry of the rice rates which were sanctioned for 30 years. Meanwhile the rayats justly reap the fruit of these extensions in the same way as the cultivators in the champaign country, who turn dry-crop into garden land, have the benefit thereof during the 30 years' lease. Every encouragement should be held out to such extensions. Native officials are too apt to check them.

56. Having now brought the Dáng survey to a close, both in the principal Entire time, work and expense of Dáng Survey. and sub-division, I may briefly state the amount of work done and the time and money expended, and first as regards the sub-division, Mr. Goldsmid

left Násik in March 1841, having just then framed an experimental plan which was with the sanction of Government to be applied to the hill districts. The plan was barely completed up to the day of his departure, and it had still to be reported on to Government, which was done in April 1841. Government sanction to its introduction bears date 10th March 1842, No. 409. If then we date as far back as possible, that is, from the time that the plan to be pursued was first struck out, viz. March 1841, and deduct the monsoon * months when no work can be done, and when survey officers were disbanded, a small office establishment being alone kept up, we have 21 years as the period occupied from first to last in the field operations of the Dángs of Kownai Wandindori, and Násik. But this is still somewhat above the mark; the survey then proceeded slowly, the Mámlatdár's Kárkúns 11 in number being almost the only agents and having all their district duties besides. Serjeant Hexton with a small extra survey establishment commenced work in December 1843, and this, deducting the monsoon months when the survey establishment was always disbanded, gives up to the date of completion, viz. January 1847, 22 months as the period of time during which a bond fide survey establishment was employed in the revision of the hill portion of the Násik Sub-Collectorate. The entire amount of work performed in the above period is as follows :--332 acres of bágáit, 18,674 acres of rice land, and 93,676 acres of jiráit have been measured with the chain and cross staff, classified, mapped, and assessed, in separate fields; 4,85,765. acres of mal and barren land were measured with the prismatic compass, thus making the total number of acres measured 5,98,447. The boundaries of all Dáng villages, 302 in number, have been carefully surveyed and mapped, 164 boundary disputes were settled, and about 500 doubtful Inams. The entire bond fide expense of the Dáng survey in Násik, including Mr. Hexton's pay and that of the Native establishment, as well as all contingent expenses, is Rs: 19,464, nineteen thousand four hundred and sixty-four. Of this sum a considerable portion was expended in surveying instruments which are still available. The cost per acre is 6 pies.

^{*} Note.—The Dáng is deluged with rain for 5 months; after this rice lands are full of water; it is difficult to measure them even in December and their classification can only be commenced in January, leaving only five months for this work. I have allowed 6 months in my calculation of the entire period. Even in these months severe sickness often prostrated workmen.

B 1292—18

Add to the above the time and money spent in the Ankola Dángs as 57. exhibited in paragraphs 20 and 21 above, and we have 28 months as the entire period of time (inclusive of monsoon months) during which a bond fide survey establishment was employed in the survey and revision of assessment of the entire hill portion of the principal and sub-divisions of the Nagar Zilla-and Rs. 24,606 as the entire cost from first to last, including Mr. Hexton's pay, and that of all agents as well as all contingent expenses. Acres 891,814 having been measured, the expense per acre is $5\frac{1}{4}$ pies.

The average annual remissions under the old rates (calculated from 58. A. D. 1818-19 up to the introduction of the new rates) Cost of survey compared throughout the extent of country brought under the with former remissions,

Dáng survey, is Rs. 14,044-5-0. The total cost of the Dáng survey from its commencement up to the 31st July 1848 is Rs. 24,606, that is, the total cost of the introduction of the new rates falls slightly short of the remissions of every 21 months under the old rates. I believe I am justified in saying that remissions in the Dáng are abolished under the new rates (vide paragraph 42 above). Since 1841 up to the present time no remissions have to the best of my knowledge been granted in any village brought under the operation of the Dáng survey. The remissions exhibited to late years in our jamá. bandi reports pertain to the Mahárs Hudowla, and are not strictly remissions, being merely the difference between the just demand for the year and the Hudowla Kamál.

59. With every wish to avoid high colouring, I think I may say that had the Dáng survey only helped to abolish remissions, its expense would not have been thrown away. But the new maximum survey assessment being considerbly in excess of past realizations on the old rates, there is, I may add, a certainty of an early and permanent increase of revenue under the new rates.

New boundary line pro-posed between Junnar and Ankola.

60. A reference to the large map which accompanies this report will show how imperfect is the present boundary line between the Ankola and Junnar Tálukas; several of the Bráhmanwádi villages are actually in the Ankola Táluka, while some Ankola villages stand isolated in

the Bráhmanwádi Petha, a sub-division of the Junnar Táluka. The following transfer of villages would give us a natural and correct boundary :--

Ankola villages to be transferred to the Bráhmanwádi Petha of the Junnar Tálka.	Junnar villages to be transferred to the Ankola Táluka.							
Dranmanwant I cina of the Sannar Iana.	•							
1 Keli.	1 Loháli.							
2 Esurtad.	2 Salwandi.							
3 Ketewári.	3 Ambhol.							
4 Pulsundeh.	4 Lingdeo.							
5 Phopsundí.	5 Chass.							
6 Kurkundi.	6 Munayleh.							
7 Muswandi.	7 Savurgaon.							
8 Ambe Dumála	8 Jávleh Bubeshvar.							
9 Jámbul Khurd.	9 Koteh Budruk.							
10 Jámbul Budruk.	10 Koteh Dumála.							

Should the proposed transfer take place it will give me ten additional 61. villages to survey, and I do not know how the revision just made in the ten Ankola villages, which would thus be transferred to Junnar, would assimilate with the measures of revision in progress there. The present irregular boundary has its origin in the distribution of villages among the zamindárs.

In conclusion, I would respectfully beg as early a reply as possible to this report in order to save the Dáng rayats the great disappointment experienced this year by those in the champaign portion of Ankola, who were led fully to expect the introduction of the new rates while the necessary sanction was not obtained till it was too late to act upon it.

> I have, &c., (Signed) C. E. F. TYTLER, Superintendent, Dáng Survey, First Assistant Collector.

Sirûr, 22nd August 1848.

APPENDIX **B.**

STATEMENT No. 1.

Statement contrasting the Old and New Assessment in 110 Dáng Villages of the Akola Táluka in the Ahmednagar Zilla.

	RESULT UNDER OLD BATES.			RESULT UNDER NEW BATES.				DETAILS OF THE NEW MAXIMUM ASSESSMENT.													
	realiza- A. D. to	realiza- 1833 to	realiza- 1818, to	847-48 ant on	of new	ant.	Rice land.				Garden lands.				Dry-crop.		Leased lands.				
Classes or groups of Villages.	Average of 15 years' actual r tions, i. e., from 1818 A. 1832.	Average of 14 years' actual r tions, i. e., from A. D. 18 1847.	Average of 29 years' actual r. tions, i. e., from A. D. 18 1847.	Actual realizations for A. D. 1847-48 being the last year settlement on old rates.	Probable actual realizations 1848-49, being the first year of rates.	Total new maximum assessment.	Total acres.	Total assessment.	-	Average rate per acre.	Total acres.	Total assessment.	Average rate per acre.	Total acres.	Total assessment.	Average rate per acre.	Total acres agreed for by lessees.	• s Probable average rate per acre.	Number of Dullees agreed for by the leasees.	Average rate per Duller.	Total assessment on leased lands.
1	2	3	4	5	6	-7	8	9	. 1	.0	11	12	13	14	15	16	17	18	19	20	21
	Rs.	Bs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	a. p.		Rs.	Rs. a.	 p.	Rs.	Rs. a. p.		Rs. a. p	p.	Rs. a. p	. Rs.
I.—Class con- sisting of 44 villages.	12,965	15,3 <u>9</u> 5	14,177	19,540	16, 2 67	19,069	1,109	1,535	1	6 1	216	553	281	1 87,296	16,066	0 6 10	6,738	02.	0 3	5 0 12 (914
II.—Class con- taining 33 villages	5,120	5,197	5,159	5,896	4,832	5,277	1,503	2,197	1	74	•••		***		•••		12,469	0 3 1	1 37	0 10 (3,0 82
III.—Class con- taining 33 villages	2,840	3,097	2,962	3,178	2,757	• 3,132	1,031	1,377	1	54				•••			6,209	04	1 231	097	7 1,754
Total for 110 vil- lages	20,926	23,690	22,299	28,115	23,864	27,480	3 ,645	5,108	1	65	216	553	281	1 87,296	16,066	0 6 10	25,417	0 3	6 303	0 9 11	5,751

Note 1.-Fractions of rupees and acres are here omitted for the sake of clearness ; they are included in the Totals.

Note 2.—The nature of past management and state of records hitherto render it impossible to ascertain what portion of the sums exhibited in columns 2, 3, 4, 5, have severally fallen on rice land, dry-crops, garden land, &c. N. B.—The new assessment has not yet been worked out with perfect accuracy: the above is, however, sufficiently correct for present purposes.

(Signed) C. E. F. TYTLER, First Assistant Collector, Southern Division Survey. 71

Sirúr, 22nd August 1848.

APPENDIX B

STATEMENT

Statement contrasting the Old and New Assessment in

				£ı	SULT UNDER C	LD BATES.		RESULT UN BAT		Di
				i sctual	trs' actual from A.D.	ars' actual from A.D.	for A.D. last year rates.	realizations ng the first ss.	1330 1 87	Rice
Number.	Names of Villages.			Average of 15 years' st realizations, i.e., from 1818 to 1832.	Average of 14 years' realizations, i.e., froi 1833 to 1847.	Average of 29 years' realizations, i.e., fron 1818 to 1847.	Actual realizations for A.D. 1847-48, being the last year settlement on old rates.	Probable actual real in 1848-49, being th year of new rates.	Total new maximum ment.	Total acres,
1	2			3	4	5	6	7	8	9
				Rs,	Rs.	Rs.	Rs.	Rs.	Rs.	
1 2 3 4	Kotul Dhamangaum Pimpulgaum Nakwing Degambur	lah	, 	1,599 593 493 187	1,829 637 538 213	1,710 615 512 200	2,053 783 667 324	2,093 527 706	2,361 651 891	11 30 65
5 6 7	Berer Luhit Budrukh Luhit Khurd		••• •••	230 231 305	213 313 66 351	200 270 248 827	324 484 491 531	240 406 443 281	281 428 - 503 306	2 1
8 9 10	Simpulduri Dhulwar Mogrus	400 - 403 - 400 - 403	•••	346 131 232	634 226 299	490 177 264	715 341 455	649 226 340	720 248 355	 18
$11 \\ 12 \\ 13 \\ 1$	Sytun Bholewarri Rajur	•••	•••• •••	249 83 327	213 109 420	232 95 372	317 235 377	343 171 609	508 210 685	95 80
14 15 16 17	Pimpulgaum Khand Pangri Kelungun Katolapur	•••	• • • • • • • • •	402 199 223	511 292 156	455 244 190 199	710 569 168	783 852 223	764 385 310	11 7 46
18 19 20	Kokundi Sangure Kirwireh	• • • • • • • • • •	• • •	209 145 229 542	190 124 354 697	135 135 289 617	226 130 432 659	248 174 ,383 697	286 189 422 821	73 24 11 153
21 22 23	Kombulneh Shelwirch Pimpulgaum Depa	•••	6	268 149 797	- 351 138 886	308 144 840	348 164 1,260	339 142 917	423 162 1,158	- 35 - 32
24 25 26	Jambut Budrukh Jambut Khurd Mhuswemdi	•••	/	71 257 407	101 227 427	86 243 417	219 305 532	161 225 271	232 261 417	•••
27 28 29 321	Pokhri Wur _{Gi} Saroleh	•••	· • • •	355 821 585	439 351 626	395 335 639	438 492 886	474 303 439	560 305 536	
60 31 32	Dolusueh Kurkundi Kurjuleh	•••	•••	260 116 235	474 162 370 59	364 138 300 59	649 132 742 65	471 97 484 65	497 191 542 76	• • •
33 34 35	Chansuraj Nachantu Keler Padulneh	•••	• • • • • • • • •	 127 201 146	148 159 155	135 181 . 150	275 186 214	282 . 152 . 146	304 172 193	 14 72 15
36 37 38 39	Abert Khinel Mahlungi Samthan	•••	••• ••• •••	50 43 155	62 116 237	56 80 195	64 158 173	53 137 150	97 155 173	13 3
40 41 42	Ladgaum Warrungus Mallegaum	•••	·	148 614 423	153 543 406	151 580 415	168 511 513	160 440 105	168 478 198	36 156
43 44	Sisewarri Pimpurkone	•••	•••• •••	62 200	65 285	64 242	75 286	77 313	106 323	2 84
_	-		Total	12,965	15,395	14,177	19,540	16,267	19,069	1,109

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Sirúr, Superintendent Dáng Zevenue Survey's Office, 22nd August 1:40.

zzna August 1.40.

o. 2.

e First Class Villages of the Akola Dáng.

ILS OF THE NEW MAXIMUM ASSESSMENT.

nd.			Garden]	Land.		Dry-crop.			Leased lan	da.	
Total assessment.	Average rate per acre.	Total acrea.	Total assessment.	Average tate per acre.	Total aare	Total assessment.	Average rate per acre.	Total sores agreed for by the lesces.	Average rate per aore.	Number of Dullee agreed for by the leasees.	Total assessment on leased lands.
10	11	12	13	14	15	16	17	18	19	20	21
Rs.	Rs. a. p.		Rs	Rs. a. p.		Rs.	Rs. a. p.		Rs. a. p.		Rs,
19 59 102 4 2 36 160 36 160 86 20 9 66 84 29 17 163 45 36 11 21 95 20 18 4 52 232 1	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	149 	389 158 	2 9 6 2 7 11 2 7 11 2 0 0 2 0 0 	$\begin{array}{c} 2,886\\ 1,010\\ 1,174\\ 249\\ 758\\ 1,196\\ 756\\ 1,736\\ 634\\ 517\\ 987\\ 394\\ 1,622\\ 1,586\\ 729\\ 741\\ 493\\ 438\\ 683\\ 3,150\\ 835\\ 385\\ 3,994\\ 383\\ 624\\ 690\\ 1,424\\ 729\\ 1,304\\ 1,523\\ 385\\ 3,094\\ 388\\ 624\\ 690\\ 1,424\\ 729\\ 1,304\\ 1,523\\ 317\\ 1,237\\ 158\\ 644\\ 45\\ 262\\ 174\\ 339\\ 313\\ 72\\ 208\\ 426\\ 296\end{array}$	$\begin{array}{c} 1,953\\ 551\\ 619\\ 240\\ 421\\ 500\\ 803\\ 717\\ 234\\ 300\\ 339\\ 210\\ 557\\ 743\\ 368\\ 231\\ 179\\ 148\\ 887\\ 656\\ 326\\ 118\\ 1,128\\ 217\\ 261\\ 377\\ 556\\ 299\\ 518\\ 491\\ 171\\ 533\\ 76\\ 278\\ 257\\ 151\\ 163\\ 40\\ 134\\ 197\\ 97\end{array}$	$\begin{array}{c} 0 & 10 & 9 \\ 0 & 8 & 5 \\ 0 & 15 & 5 \\ 0 & 6 & 6 & 5 \\ 0 & 0 & 6 & 6 & 5 \\ 0 & 0 & 0 & 5 & 5 \\ 0 & 0 & 0 & 5 & 5 & 5 \\ 0 & 0 & 0 & 0 & 5 & 5 & 5 \\ 0 & 0 & 0 & 0 & 5 & 5 & 5 & 5 \\ 0 & 0 & 0 & 0 & 0 & 5 & 5 & 5 & 5 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 6 & 6 & 6 &$	$\begin{array}{c} & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & &$	$\begin{array}{c} \begin{array}{c} & \ddots \\ 0 & 5 \\ 0 & 2 \\ 0 \\ 0 & 2 \\ 0 \\ 0 \\ 2 \\ 0 \\ 0 \\ 2 \\ 0 \\ 0 \\ 2 \\ 0 \\ 0$	8 4 3	$\begin{array}{c} \\ 41 \\ 10 \\ 36 \\ 4 \\ 3 \\ 2 \\ 3 \\ 14 \\ 18 \\ 8 \\ \\ 34 \\ \\ 7 \\ 12 \\ 21 \\ 11 \\ 16 \\ 2 \\ 51 \\ 7 \\ 30 \\ 15 \\ \\ 39 \\ 4 \\ 6 \\ 6 \\ 5 \\ 20 \\ 8 \\ \\ 4 \\ 52 \\ 45 \\ 21 \\ 3 \\ 6 \\ 70 \\ 111 \\ 1 \\ 7 \end{array}$
129 1,535	1 8 5 1 6 1	 216	 558	 2 8 11	60 37,296	49 16,066	0 13 2	1,145 6,738	020	1 85	143 914

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в 12 9—19

(Signed) C. E. F. TYTLER,

Superintendent, Dáng Revenue Survey.

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APPENDIX B.

STATEMENT No. 3.

	·····	itement court astring th				· · · · · · · · · · · · · · · · · · ·		(00) 0 0					 	
. :		RESULT UN	DER OLD RATES.		RESULT UI	NDER NEW ES.		D	FTAILS OF THE N	BW MARINU	MASSESSMENT.			
-	Name of Village.						Rice Lan	.d.	Leased Lands.					
Number.	Ivame of Vinzge.	15 years' 14 years actual reali- actual reali- zation, i.e. zation, i.e from A.D. from A.D 1818 to 1832.1833 to 185	zations, i.e. from A.D.	for A.D. 1847-48, being the last year's Settlement on old rates.	lizations in 1848-49, being the first year of new rates.	1 1848-49, being the irst year of new	1848-49, ing the st year of new	Total Acres.	Total Assess- ment,	Average rate per Acre.	Total Acres agreed for by the Lessees.	Probable average rate per Acre.	Number of Dallis agreed for by the Lessees.	Total Assess- ment on leased Lands.
1	2	3 4	5	6	7	8	9	10	11	12	13	14	15	
		Rs. Rs.	Rs.	Rs.	R.	Rs.		Rs,	Rs. a. p.		Rs. s. p.		Re.	
$\begin{array}{c} 1\\ 2\\ 3\\ 4\\ 5\\ 6\\ 7\\ 8\\ 9\\ 9\\ 11\\ 12\\ 13\\ 14\\ 5\\ 16\\ 17\\ 18\\ 9\\ 21\\ 22\\ 23\\ 24\\ 26\\ 27\\ 28\\ 9\\ 30\\ 31\\ 32\\ 33\\ 33\\ 33\\ 33\\ 33\\ 33\\ 33\\ 33\\ 33$	Muweshu	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c} 322\\ 129\\ 204\\ 163\\ 155\\ 73\\ 144\\ 127\\ 176\\ 212\\ 119\\ 244\\ 158\\ 175\\ 50\\ 88\\ 78\\ 98\\ 169\\ 152\\ 72\\ 87\\ 89\\ 169\\ 152\\ 72\\ 87\\ 89\\ 106\\ 26\\ 89\\ 159\\ 150\\ 249\\ 495\\ 262\end{array}$	$\begin{array}{c} 280\\ 296\\ 148\\ 259\\ 147\\ 163\\ 44\\ 175\\ 161\\ 166\\ 203\\ 134\\ 251\\ 132\\ 177\\ 41\\ 71\\ 65\\ 85\\ 208\\ 191\\ 77\\ 85\\ 161\\ 69\\ \dots\\ 66\\ 162\\ 162\\ 162\\ 162\\ 162\\ 131\\ 436\\ 264\\ 134\\ \end{array}$	$\begin{array}{c} 231\\ 284\\ 140\\ 211\\ 145\\ 138\\ 59\\ 198\\ 160\\ 130\\ 181\\ 120\\ 227\\ 129\\ 120\\ 42\\ 80\\ 74\\ 71\\ 182\\ 178\\ 67\\ 72\\ 119\\ 67\\\\ 66\\ 138\\ 135\\ 296\\ 408\\ 226\\ 133\\ \end{array}$	$\begin{array}{c} 247\\ 313\\ 146\\ 236\\ 150\\ 162\\ 68\\ 204\\ 190\\ 144\\ 196\\ 137\\ 236\\ 136\\ 127\\ 46\\ 92\\ 90\\ 80\\ 190\\ 198\\ 71\\ 77\\ 132\\ 77\\ 132\\ 77\\ 132\\ 77\\ 132\\ 77\\ 132\\ 77\\ 132\\ 77\\ 132\\ 74\\ 142\\ 155\\ 301\\ 425\\ 245\\ 161\\ \end{array}$	$\begin{array}{c} 88\\ 93\\ 44\\ 71\\ 29\\ 65\\ 44\\ 9\\ 55\\ 42\\ 63\\ 46\\ 80\\ 29\\ 39\\ 19\\ 26\\ 34\\ 27\\ 46\\ 51\\ 9\\ 22\\ 26\\ 55\\ 47\\ 73\\ 3\\ 76\\ \end{array}$	$\begin{array}{c} 132\\ 139\\ 69\\ 109\\ 45\\ 94\\ 34\\ 71\\ 109\\ 59\\ 101\\ 72\\ 100\\ 42\\ 46\\ 57\\ 73\\ 107\\ 27\\ 21\\ 44\\ 28\\ 36\\ 57\\ 73\\ 37\\ 33\\ 73\\ 37\\ 33\\ 78\\ 113\\ 63\\ 89\\ \end{array}$	$\begin{array}{c} 1 & 7 & 11 \\ 1 & 7 & 10 \\ 1 & 8 & 11 \\ 1 & 8 & 6 \\ 1 & 8 & 5 & 0 \\ 1 & 6 & 2 \\ 1 & 7 & 0 & 0 \\ 1 & 6 & 5 & 1 \\ 1 & 6 & 5 & 4 \\ 1 & 9 & 3 \\ 1 & 4 & 0 & 0 \\ 1 & 7 & 0 & 1 \\ 1 & 6 & 5 & 1 \\ 1 & 6 & 5 & 1 \\ 1 & 1 & 6 & 5 \\ 1 & 5 & 11 \\ 1 & 6 & 5 & 1 \\ 1 & 6 & 5 & 1 \\ 1 & 6 & 5 & 1 \\ 1 & 1 & 6 & 5 \\ 1 & 5 & 11 \\ 1 & 6 & 5 & 1 \\ 1 & 6 & 5 & 1 \\ 1 & 1 & 0 & 0 \\ 1 & 5 & 3 & 1 \\ 1 & 7 & 6 \\ 1 & 7 & 0 \\ 1 & 2 & 10 \\ \end{array}$	$\begin{array}{r} 306\\ 465\\ 493\\ 340\\ 481\\ 725\\ 184\\ 838\\ 434\\ 227\\ 1,020\\ 259\\ 395\\ 498\\ 159\\ 280\\ 356\\ 260\\ 114\\ 894\\ 488\\ 142\\ 573\\ 264\\ 534\\ \dots\\ 284\\ 249\\ 165\\ 219\\ 623\\ 363\\ 330\\ \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	···· 22 ···· 22 ··· 22 ···· 22 ···· 22 ···· 22 ···· 22 ···· 22 ···· 22 ···· 22 ····· ······ ········	$\begin{array}{c} 114\\ 174\\ 77\\ 127\\ 105\\ 67\\ 34\\ 132\\ 81\\ 85\\ 95\\ 64\\ 135\\ 93\\ 80\\ 135\\ 93\\ 80\\ 135\\ 93\\ 80\\ 17\\ 155\\ 32\\ 42\\ 135\\ 80\\ 17\\ 155\\ 32\\ 42\\ 135\\ 55\\ 32\\ 42\\ 22\\ 311\\ 181\\ 72\end{array}$	
	Total	5,120 5,197	5,159	5,396	4,838	5,277	1,503	2,194	174	12,469	0 8 11	37	3,082	

Statement contrasting the old and new Assessment in the 2nd Class Villages (33) of the Ankola Dáng.

Sirúr, Superintendent Dáng Revenue Survey's Office, }

(Signed) C. E. F. TYTLER,

APPENDIX B.

STATEMENT NO. 4.

Statement contrasting the old and new Assessment in the 3rd Class Villages of the Ankola Dángs.

			RESULT UNDER	r old Rates.		RIAULTS U		_]	Details of the	NEW MAXIM	UM Assessmen	(T.	
	Names of Villages.	Average of 15 years'	Average of 14 years'	Average of 29 years'	Actual realizations for A.D.	Probable actual re-	Total new	-	Rice La	nd.	Leased Lands.			
Number.	Nalice of villages.	actual realizations, <i>i.e.</i> from 1818 A.D. to 1832.	actual realizations, i.e. from A.D. 1833 to 1847.	actual reali- zations, i.e. from A.D. 1818 to 1847.	1847-48, being the last year's Settlement on old rates.	alizations in 1848-49, being the first year of new rates.	Toth new maximum Assess- ment.	Total Acres.	Total Assess- ment.	Average rate per Acre.	Total Acres agreed for by the Lessees.	Probable average rate per Acre.	Number of Dallis agreed for by the Lessees.	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Rs.	Rs.	Rs.	Rs.	Ŕs.	Rs.		Rs.	Rs. a. p.	Rs.	Rs. a. p.		Rs.
$\begin{array}{c} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 \\ 11 \\ 12 \\ 3 \\ 14 \\ 15 \\ 16 \\ 17 \\ 18 \\ 9 \\ 22 \\ 22 \\ 24 \\ 22 \\ 22 \\ 22 \\ 22 $	Savurkuteh Damunvem Kutta Mutkhet Dondbareh Pimpri Yehir Pendeshet Sirdeh Kottembeh Muthuhneh Muthuhneh Sisdeli Mutset Samud Samud Samud Sirpunjeh Budruk Ghátgar Sowhali Sografi Sografi Singunwarri Sografi Sografi Sografi Sografi Singunwarri Singunwarri Sografi Sografi Sografi Singunwarri Sografi Sografi Singunwarri Sografi	$\begin{array}{c} \dots & 208 \\ \dots & 130 \\ \dots & 69 \\ \dots & 269 \\ \dots & 269 \\ \dots & 107 \\ \dots & 67 \\ \dots & 167 \\ \dots & 1129 \\ \dots & 158 \\ \dots & 113 \\ \dots & 158 \\ \dots & 113 \\ $	$\begin{array}{c} 179\\ 128\\ 54\\ 210\\ 165\\ 66\\ 81\\ 79\\ 234\\ 409\\ 45\\ 296\\ 35\\ 54\\ 211\\ 54\\ 100\\ 122\\ 38\\ 152\\ 90\\ 22\\ 11\\ 21\\ 29\\ 28\\ 43\\ 20\\ 17\\ 36\\ 31\\ 22\\ 10\\ \end{array}$	194 129 62 240 135 66 69 93 180 279 48 253 28 74 219 63 107 148 36 138 100 25 23 25 23 25 23 25 24 17 16 45 21 18 14	167 172 31 212 132 106 110 78 220 365 72 383 27 59 254 58 109 107 40 185 20 11 15 21 39 11 18 22 <tr< td=""><td>$167 \\ 121 \\ 40 \\ 187 \\ 125 \\ 79 \\ 82 \\ 76 \\ 192 \\ 333 \\ 40 \\ 334 \\ 15 \\ 55 \\ 202 \\ 40 \\ 105 \\ 88 \\ 36 \\ 159 \\ 67 \\ 26 \\ 18 \\ 24 \\ 11 \\ 11 \\ 32 \\ 6 \\ 28 \\ 16 \\ 8 \\ 20 \\ .$</td><td>$179 \\ 127 \\ 44 \\ 212 \\ 148 \\ 84 \\ 90 \\ 87 \\ 208 \\ 397 \\ 54 \\ 335 \\ 17 \\ 62 \\ 229 \\ 48 \\ 119 \\ 124 \\ 41 \\ 185 \\ 79 \\ 40 \\ 22 \\ 27 \\ 30 \\ 12 \\ 27 \\ 30 \\ 14 \\ 34 \\ 21 \\ 10 \\ 21 \\ \dots$</td><td>$\begin{array}{c} 50\\ 29\\ 6\\ 84\\ 40\\ 12\\ 26\\ 35\\ 23\\ 115\\ 37\\ 17\\ 4\\ 22\\ 119\\ 17\\ 37\\ 97\\ 15\\ 23\\ 49\\ 37\\ 17\\ 4\\ 22\\ 6\\ 6\\ 11\\ 34\\ 16\\ 5\\ 2\\ \ldots\end{array}$</td><td>$\begin{array}{c} 76\\ 47\\ 10\\ 112\\ 57\\ 18\\ 35\\ 45\\ 33\\ 206\\ 43\\ 22\\ 5\\ 31\\ 170\\ 19\\ 57\\ 108\\ 20\\ 33\\ 64\\ 57\\ 108\\ 20\\ 33\\ 16\\ 57\\ 108\\ 20\\ 33\\ 16\\ 57\\ 10\\ 10\\ 10\\ 10\\ 10\\ 27\\ 12\\ 6\\ 2\\ \dots \end{array}$</td><td>$\begin{array}{c} 1 & 8 & 2 \\ 1 & 9 & 10 \\ 1 & 9 & 1 \\ 1 & 5 & 2 \\ 1 & 6 & 11 \\ 1 & 8 & 10 \\ 1 & 5 & 4 \\ 1 & 6 & 11 \\ 1 & 12 & 7 \\ 1 & 2 & 4 \\ 1 & 4 & 11 \\ 1 & 4 & 1 \\ 1 & 6 & 5 \\ 1 & 6 & 5 \\ 1 & 6 & 9 \\ 1 & 1 & 7 \\ 1 & 4 & 11 \\ 1 & 7 & 3 \\ 1 & 4 & 11 \\ 1 & 7 & 3 \\ 1 & 4 & 11 \\ 1 & 7 & 1 & 4 \\ 0 & 14 & 11 \\ 1 & 7 & 1 & 4 \\ 0 & 14 & 11 \\ 1 & 1 & 1 & 10 \\ 1 & 4 & 0 & 14 & 11 \\ 1 & 1 & 1 & 11 \\ 1 & 1 & 4 & 11 \\ 1 & 1 & 1 & 10 \\ 0 & 15 & 6 \\ 1 & 9 & 8 \\ 0 & 13 & 9 \\ 0 & 12 & 8 \\ 0 & 14 & 3 \\ \dots \end{array}$</td><td>267 243 135 245 417 331 535 170 311 343 11 684 185 92 128 116 517 9 153 515 515 114 1 178 3 65 251 8 3 31 </td><td>$\begin{array}{c} 0 & 6 & 0 \\ 0 & 5 & 0 \\ 0 & 6 & 6 \\ 0 & 3 & 6 \\ 0 & 3 & 0 \\ 0 & 1 & 6 \\ 0 & 4 & 0 \\ 0 & 0 & 0 \\ 0 & 2 & 0 \\ 0 & 1 & 0 \\ 0 & 2 & 0 \\ 0 & 1 & 6 \\ 0 & 2 & 0 \\ 0 & 1 & 6 \\ 0 & 1 & 0 \\ 0 & 1 & 6 \\ 0 & 1 & 0 \\ 0 & 1 & 6 \\ 0 & 1 & 0 \\ 0 & 1 & 6 \\ 0 & 1 & 0 \\ 0 & 1 & 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	Total	2,840	3,097	2,962	3,178	2,757	3,132	1,031	1,377	1 5 4	6,209	041	231	1,754

Sirúr, Superintendent Dáng Revenue Survey's Office, 22nd August 1848.

•

(Signed) C. E. F. TYTLER, Superintendent, Dáng Revenue Survey.

APPENDIX C.

FORM OF VILLAGE LEASE.

Lease granted in the Arabic year, Lissa Arrabám Miatin and Alif corresponding with 1848-49 A. D., by the Honourable East India Company through Mr. Tytler, First Assistant Collector in the Zilla of Ahmednagar, to the Mocadum, and all the rayats of the Mauza Ambeh, in the Ankola Táluka of the said Collectorate.

Conformably with the new arrangements, which have been agreed upon between the Government and you for settling the revenues of your village, a lease is granted as follows :---

First Clause.—The whole of your rice and superior jiráít lands have been measured off into English acres, with a chain and cross staff; field registers, and maps have been prepared, and the land arranged into classes. The land has also been divided into principal numbers, which have been sub-divided into Chuck numbers,* and each Chuck number separately assessed at rates exhibited in a book made over to your head patil. The assessment thus fixed on any Government Chuck number will be levied from its cultivator for such years only, as it may be under cultivation, and no extra cess whatever on account of kharch patti, &c., will be taken. It must, however, be understood that if any portion of a Chuck number is cultivated the whole number must be paid for, no deductions being made on account of any portion lying waste; and the specified amount of assessment will be exacted, whatever the nature of the crop raised. These arrangements are to be in force for thirty years, i.e., from 1848-49 to 1877-78 A. D., and during the said period of 30 years no extra assessment whatever will be levied on a number on the plea of any portion of it, which may at present be deemed unculturable and consequently have escaped assessment, having been rendered capable of cultivation. Moreover, during the said term of 30 years, the assessment will be neither raised nor lowered in consequence of the land being by natural or artificial causes improved or deteriorated.

Second Clause.—As for the present each tika of mál and hill land cannot be separately measured, classified, and assessed; all you rayats have agreed to take on lease for 5 years from 1848-49 to 1852-53 A. D. at an annual Ukti assessment of Rs. the whole mál and hill Government lands, "máphi" being excluded. You are therefore required to pay to Government annually the sum of Rs. nothing in addition being required on account of kharch patti, &c. The Rs. are to be apportioned on individual rayats in the manner set forth in the following clause.

Third Clause.—In clause second it is stated that the whole of the Government mal and hill land has been leased out on Ukti, but as for the present you do not require the whole of this land, you have settled amongst yourselves, and entered in a statement the number of mal and hill acres of cultivated and waste land which are to be held by each individual, and the different tikas in which the land of each is situated; and you have also in presence of the Mámlatdár's head kárkun pointed out to one another where your respective portions are situated; you have likewise, with reference to the quantity of land to be held by each individual, apportioned on yourselves the abovementioned sum of Rs. A copy of the statement given in by you is furnished with this lease, and each individual is to pay his quota according to the instalments therein set forth.

If consequent on death, desertion, poverty, or other cause, the land of any one of your body be thrown up, one or more of you must hold, and pay for the same, or you must bring some one or more new cultivators (*i. e.* cultivators from other villages) to do so.

^{*} A field within a field used in the Northern Deccan Survey when it is necessary to sub-divide a field without destroying the numbering, or series of the larger portion of land into which a village is divided.

In the event of your making neither of the above arrangements, and consequent on the land being left waste the assessment becomes irrecoverable, you must make up the deficit by a proportionate subscription amongst yourselves, and thus make good the whole amount of Ukti assessment payable to Government.

In like manner any portion of the annual assessment outstanding against any actual cultivator must, failing Government's inability by the usual law processes to collect it from that individual, be made up by a proportionate subscription on the whole body; as the whole Ukti assessment of Rs. must be paid, and nothing more or less will be taken.

Fourth Clause.—Nothing extra will during the term of 5 years be demanded by Government, on account of rice or any valuable garden or dry-crop which you may by efforts of your own render your mal land capable of producing.

Fifth Clause.—The whole of the Government mál and hill lands, "máphee' being excluded, have been leased out to you, and as no addition to or abatement from the amount of Government Ukti assessment will be made on account of any increase or decrease of cultivation, you are at liberty to cultivate, and take the produce of, as much as you may have the means of tilling. In the statement you have given in acres of mál land, are portioned off amongst you, and over and above this there are according to the survey, Government acres which are considered as forming part of the land you hold in common, and consequently no extra assessment will be imposed thereon.

Sixth Clause.—If instead of giving out the unappropriated land to new rayats you determine on sharing it amongst you, it is to be hoped that you will be able to make the necessary arrangement amongst yourselves; but in event of your failing to do so, the Mámlatdár will, through a Pancháyat, make the apportionment. If it so happen that previous to your making the necessary arrangements amongst yourselves, or previous to the unappropriated land being shared, there should be a hitch about a rayat's cultivating more land than has been entered against his name in the statement you have given in, enquiry will be made as to what portion of the unappropriated land his share of the appropriated land entitles him to, and should it be found that the additional land taken up exceeds that portion, the excess will be assessed at the rates which (according to the statement you have given in) the total Ukti assessment imposed on your village would (by the common rule of proportion) give for each acre of appropriated land, and the assessment thus obtained is to be deducted by proportionate shares from the quota set forth in your statement as payable by each individual.

Seventh Clause.—In clause 5th and 6th provisions are made for varying the amount, which is entered in the statement you have given in as payable by each of you, therefore the Kamávisdár will every year, when the jamábandi akárband is being prepared, assemble all the rayats, and make enquiries on the subject. The Ukti assessment of Rs. is to be entered in the akárband as leviable from the village, and should the original apportionment as set forth in the statement you have given in remain in force, an entry to that effect is to be made, but should there have been, in conformity to the provisions of clause 5th and 6th, any alteration in the quota payable by particular individuals, the names of these individuals with the sum realizable from them and all necessary particulars are to be entered, and the pátil and kulkarnis will render themselves liable to the penalties set forth in the Regulation if they demand more or less from any individual.

Eighth Clause.—You must, in conformity to the above terms, pay the Rs. without expecting any remissions. But if there be very great loss, occasioned by failure of crops, civil commotion, or calamitous visitation of any kind, the Collector will, if he deem it expedient, make searching investigation and give such remissions as may to him appear advisable.

Ninth Clause.—Any rayat who may, in the course of the 5 years for which this lease is given, repair any broken ridges by which the different portions of mal land he holds may be surrounded, or who raises as boundaries fresh ridges, s1292-20 in places where none now exist, will at the expiration of the said five years have such of his lands as are thus surrounded by ridges measured off, classed, and assessed separately from the remaining land of the village in the same manner as the different compartments of rice land are now separately assessed and thus the rayat will be able to cultivate and improve his land without being dependent on others, the revenues of your village are to be settled agreeably to the terms set forth in the above nine clauses which have been agreed upon by Government and you.

> (Signed) C. E. F. TYTLER,

First Assistant Collector.

We agree to the terms set forth in the above nine clauses and will, without creating any obstacles, act conformably thereto.

(Signed) By all the Rayats.

(True Translation.)

C. E. F. TYTLER, (Signed) First Assistant Collector.

Extract Paragraphs of letter No. 33, dated 4th January 1849, from the Revenue Commissioner, Southern Division, to the Secretary to Government, Territorial Department, Revenue, handing up correspondence in relation to the new rates of assessment proposed (by Mr. Tytler, Superintendent, Dáng Survey,) for 110 villages of the Dángs, of the Ankola Táluka.

1.

Collector of Ahmednagar to Revenue Commissioner, 14th September 1848.
 Mr. Tytler's report, 22nd August 1848, (enclosing Mr. Hexton's of 27th July).
 Revenue Commissioner to Collector, 3rd

Abvember.
 Collector's reply, 10th November (enclosing one from Mr. Tytler, of 8th November).
 Captain Wingate's letter, 20th November.
 Mr. Tytler's letter, 11th December.

With reference to the Deputy Secretary's letter of 8th April last (No. 2065), I have the honour to transmit the correspondence noted in the margin, which contains new rates proposed by Mr. Tytler, Superintendent of the Dang Survey, in 110 villages of the Dángs, of the Akola Táluka. A. letter from Captain Wingate is also appended, to whom I forwarded this report for his opinion,—a measure which appeared to me

in accordance with the wishes of Government as contained in paragraphs 20-21 of the Secretary's letter of 22nd September last (No. 5593).

The amount of work performed and the expense at which it was execut-

Paras. 20-21.

ed are exhibited in Appendix A, which accompanies this report: the period of these transactions extended

from 1st October 1847 to 31st July 1848, the number of acres measured was 293,367, the number classified was 54,212, the total expense of the survey was Rs. 5,142, including the erection of boundary marks. Aid in the above work was afforded by the district establishment, as shown in Statement No. 2, in this appendix, and the small expense at which this important operation has been concluded is dwelt upon by the Superintendent with a pleasure, in which, I trust, Government will participate.

In the Collector's remarks (paragraph 3) on this part of the subject 5. however I quite agree, and I have no doubt that the occupation of the taluka establishment with survey operations did, to a certain degree, interfere with their other duties, but considering the very great want of a revised assessment which existed in these districts, and the beneficial consequences which have resulted in

Acting Secretary's letter of 11th November 1848 (No. 7112) paras. 15, 16, 20.

the Násik Sub-Collectorate from its adoption, I must view it as subject of satisfaction that so useful a work has been completed, though at some present inconvenience. It must also be borne in mind that in sur

veyed districts the current work of the Government servants is largely decreased The measurement and assessment of each field is known, and its boundaries fixed ; there is no room for questions as to whether it contains more or less land than

Acting Secretary's letter, 5th December 1848 (No. 7564), para. 8.

it is supposed to do, or whether any increase or decrease in its assessment should be made ; the number of petitions at the annual revenue settlement is lessened to a vast extent, and the trouble and delay of apportioning remissions is to a great degree got rid of, in spite of the acknowledged "vitality

in the remission system."

Pars. 42.

So that were the time occupied, and nothing else to be taken into consideration, I incline to think that in a period of five years the balance of time saved would

be found largely in favour of a surveyed district, as compared with one unsurveyed, after deducting from the former the time actually spent in the operation.

6. The manner of division into fields, and the fixing of boundary marks as here reported, appear in accordance with the standing Paras. 22-23. orders of Government. The maps appear to be neatly

constructed and to be very creditable to Mr. Hexton's talents and industry.

Measurements. Para 24

7. Mr. Tytler explains that of all measurements a ten per cent. test was taken by Native testors, and a ten per cent. test of the latter's work was taken by Mr. Hexton, and that the average percentage error was :---

In rice lands	•••	***		1.88
In jiráít lands	***		***	1.76

Captain Wingate, in commenting on these results, calls "the degree of accuracy obtained singularly great," but observes Para. 6.

that "a statement of the errors from which his average has been struck would be requisite to a full understanding of the manner in which the work has been executed." In reply to this, Mr. Tytler refers to a statement forwarded to the Collector of Ahmednagar, with his

Letter of 11th December (para. 5), No. 145.

letter dated 8th November; that statement, however, to which I shall presently advert, refers solely to

classification, whereas the above remarks relate to measurements only. I am unwilling, however, to detain this report to admit of making another reference to the Superintendent on this subject. In paragraphs 7 and 9 of his letter of 11th ultimo, Mr. Tytler further explains his system of measurement and classification.

The average error in classification is stated to 8. Classification, Pars. 25. be as follows :----

> In rice lands 1.16 ... In jiráít lands 4.28

The details whence these results were obtained are continued in the statement which accompanies Mr. Tytler's letter of 8th November. Captain Wingate comments on this in his 7th paragraph; in quoting 13 per cent. however as the average error in jiráít classification, that officer's eye appears to have caught the wrong figure and to have quoted the extreme error, instead of the average, as pointed out in paragraph 6 of Mr. Tytler's reply.

The one hundred and ten villages, now reported on, are divided into 10. three classes: the 1st containing 44 villages, the two New rates, Para. 32. others 33 villages each; the lands of these villages are divided in the following manner, viz. :---

> Under 1.—Ukti rates ; 2.-Rice; 3.—Jiráít; and 4.—Garden.

The 1st or "Ukti rates" include "unmeasurable lands" which are leased for 5 years, according to the plan pursued throughout the Dángs. In his 11th and 12th paragraphs Captain Wingate comments on the shortness of these leases, and in the general applicability of his remarks it is impossible not to concur. I think, however, that under the explanation given in paragraph 12 of Mr. Tytler's reply, it would not be expedient to lengthen the leases now about to be given in Ankola, but to leave the question of longer leases to be disposed of when the report here promised by Mr. Tytler regarding the renewal of leases in Násik is received.

14. The entire financial result of the rates now proposed is exibited in a Financial result, Para 40. first is a summary, and includes the other 3. These statements and figures relate only to lands paying assessment to Government and not to inám lands; were any of the latter therefore to lapse to Government, their revenues would increase the new maximum survey assessment, which now is Rs. 27,480.

Deduct direct Haks, whi forth to be paid from th Revenue (para. 43)	ch are 1 le Gover	hence- nment	Rs.	2, 515-0-0
Remainder Government R Average of 29 years Sale of waste lands	evenue Rs.	22,299-0-		24,965-0-0
Sale of waste lands Total	···· _;; 	472-7- 771-0-0	,8 "	22,771-7-8
Increase of new rates	•••	•••	"	2,193-8-4

The comments and explanations by the Superintendent and Collector leave me little to say on the subject of these new rates, beyond recommending their adoption. Government will observe that I adopted the suggestion contained in Mr. Spooner's 9th paragraph, and referred these proceedings to Captain Wingate whose approval of the proposed rates, "as far as the information supplied in the correspondence permits him to judge," is contained in paragraph 17 of his letter herewith forwarded.

15. The haks to which allusion has been already made are those claimed Haks, Para. 46. by the Mahál Zamindárs—the pátil and kulkarni, and five other functionaries—among whom the village mhár is not included. As a merely temporary measure I am aware of no objection to admitting the payment from the revenues of Rs. 2,515-2-1 on account of these haks, all direct levy of which should thenceforth cease : but as it would appear from paragraph 4 of Mr. Tytler's letter of 8th March that no scrutiny into these levies has ever taken place, while from the absence of almost all credible records it is exceedingly difficult to test their amount, I would respectfully suggest that the ultimate disposal of this question be simultaneous with that of the claims of village officers in the Sholápur and Dhárwár Collectorates, so soon as the report called for in your letter No. 5429, dated 15th September last, has been received from the Superintendent, Southern Marátha Country Survey.

16. Mr. Tytler proposes that the revenue instalments be deferred one Instalments, Para. 47. month, being collected from January to March, instead of as at present from December to February, and this

alteration is approved (paragraph 10) by the Collector :--Captain Wingate however (paragraph 19) proposes to divide the revenue into 4 instalments, of which the last should be payble in May as proposed in Rule 21 of the Joint Report, dated 2nd August 1847. In their reply to that report Government hesitated

Government letter, 22nd September 1848, No. 5593 (Para. 45). to fix the instalments there proposed as a general rule, and I can but repeat the opinion contained in paragraph 17 of my letter of 10th September 1847 forwarding the above Joint Report, in which I have

warding the above Joint Report, in which I have recommended that the last instalment in districts above the Gháts should be April. For the Dángs, where the crops are all early, the people very poor, where grain is seldom stored by the rayats, and where owing to the thatched roofs fires are more destructive than in the plains, I think it very desirable that no instalments should be later than March.

17. In his 11th paragraph the Collector says that he has called on the Renewal of leases. Sub-Collector for a report regarding the renewal of

leases, referred to in Mr. Tytler's 48th and 49th paragraph. I quite agree with the Superintendent (paragraphs 51 and 52) that the future leases should be revised according to the altered circumstances of the district, and that a mere renewal of the old leases will not suffice. I also concur in the wish expressed by Captain Wingate (paragraph 12) that this "revision should be made by Mr. Tytler himself, or some equally qualified officer acquainted with the condition of the villages." Should Government be unable to spare Mr. Tytler for this duty, possibly Serjeant Hexton might be deputed to it under the general superintendence of the Superintendent, Ahmednagar Survey, should Mr. Tytler's distance from the Sub-Collectorate and his charge of other tálukas make him unable to exercise this superintendence himself, as I fear that it would. Should 'His Lordship in Council think this proposal worth considering, I would suggest that Mr. Tytler and the Superintendent at Ahmednagar be in the first place consulted as to its practicability.

18. I solicit authority to depute Serjeant Hexton to the Sub-Collectorate,

Para. 53. as proposed by the Superintendent, to finish the field boundary marks. The Collector will in that case take care that Mr. Hexton obtains all due assistance from the District Officers.

19. The general view taken by Mr. Tytler of his labours on the Dáng survey affords a very favourable view of its effects,

Retrospect, paras. 56 to 59. though, so far as I am qualified to judge, not too favourable, nor in any way exaggerated. It is of course impossible to judge correctly of the effects of a survey till it has been some years in operation, but the cessation of remissions in the Násik Sub-Collectorate, and the easy collection of revenues thus far are strong testimonies in favour of the new assessment. The abolition of the present system of endless uncertainty in assessment is a benefit, the extent of which can hardly be over-rated.

20. Referring to the new boundary proposed between Akola and Junnar, Para 60. I will, with the permission of Government, direct Mr. Spooner to communicate direct with the Collector of

Poona, and when both these officers shall have considered the transfers proposed, a joint report might be submitted to Government through this department. Mr. Spooner requests that the map of Ankola, herewith transmitted, may be returned.

21. I shall be glad if Government can take into consideration Mr. Tytler's Para 62. suggestions for the promotion of his efficient and zealous Assistant, Serjeant Hexton.

22. I respectfully solicit the early sanction of Government to the rates Early sanction. here proposed: of course, I cannot authorize Mr. Tytler

to anticipate that sanction as requested in paragraph 17 of his letter last received. The delay that has occurred in forwarding this correspondence has been the least that the press of current business in this office would admit of; that caused by a reference to Captain Wingate will, I am sure, be viewed by Government as fully compensated for by that officer's judicious suggestions.

I have, &c.,

(Signed) E. H. TOWNSEND, Revenue Commissioner, S. D.

Sholápur Districts, Revenue Commissioner's Camp, Alhábád, 4th January 1849.

No. 419 or 1849.

TERRITORIAL DEPARTMENT.

Revenue,

To

E. H. TOWNSEND, ESQUIRE,

Revenue Commissioner, S. D.

Sir,

I have laid before the Right Honourable the Governor in Council your letter No. 33, dated the 4th instant, submitting reports from Mr. Tytler, Superin-1292-21 tendent of the Dáng Survey, and the Collector of Ahmednagar, on the revision of the assessment of 110 Dáng villages of the Ankola Táluka, and have been desired to convey to you the following observations and instructions on the subject of them.

2. These reports were in the first instance submitted by you for the opinion and report of Captain Wingate, the Superintendent of the Southern Marátha Country Survey, whose reply dated the 20th November last, No. 215, accompanies your letter under acknowledgment.

3. Mr. Tytler gives in the opening paragraphs of his report an interesting description of the Dáng and of its condition both under the former and present rule; he also furnishes information on the subject of the system of assessment at present in force; and as observed by Captain Wingate, it is also necessary to read his description to be satisfied of the necessity of placing the land assessment on a more equitable basis.

4. The 110 Dáng villages are divided by Mr. Tytler into three groups :----

The first containing 44 villages, having as far as possible the whole of the arable land measured and classified.

The second of 33 villages, in which the rice lands alone have been measured and classified, and the third of 33 villages, in which the rice lands have been as far as possible measured off into fields only but not classified.

5. The rates proposed are of four kinds, namely :----

"Ukti" or round sums imposed on each village on lands incapable of being measured;

rice land rates ;

jiráit rates, applicable to lands capable of being measured; and garden rates.

6. The first of these, or the "Ukti" rates are to be imposed on jiráit land incapable of being measured. It is proposed by Mr. Tytler to lease these for five years in the same manner as was done in the Dángs of Násik.

7. Captain Wingate objects to the shortness of these leases; but for the reasons assigned by Mr. Tytler, His Lordship in Council is disposed to agree in your recommendation that it would not be expedient to lengthen the leases now about to be given in Ankola, but rather leave the question to be hereafter disposed of when the report on the subject of the renewal of those granted in Násik shall have been received.

8. These rates are confessedly arbitrary in their nature, and in his 33rd paragraph Mr. Tytler states—

"In determining the round sum payable by each village I have been guided by the average of past payments, the nature and extent of the soils leased out, the condition, state, and number of contracting parties, and by all the general items of information that can be brought to bear upon the subject."

Captain Wingate gives it as his opinion (paragraph 10) that this assessment-

"Appears well suited to the state of things it is intended to meet, and to have succeeded in other districts where it has been tried by Mr. Tytler, which is sufficient security for its being found suitable in the present case."

9. The Governor in Council concurs in the justice of Captain Wingate's objections to the 8th clause of the proposed leases on the subject of remissions, and thinks it may with advantage be omitted. On this subject you do not appear to have given any opinion; you are requested to carry out the above views should you concur in their propriety.

10. The rice lands are divided into eight classes, the highest rate of assessment being Rs. 2-8-0 and the lowest 12 annas per acre. These appear very moderate, but the lands are described as mostly of an inferior description.

11. The jiráit rates are divided into nine classes; these are only applicable to lands capable of being measured, and occur only in the first group of villages. They vary from Rs. 1-2-0 to 4 annas per acre. These rates are considerably below those proposed by Captain Davidson for the most unfavourably situated villages of the Ankola Táluka; Captain Wingate, however, sees no reason to doubt the suitableness of the proposed assessment.

12. The garden land in the Dángs is very inconsiderable; the rates from the account given of them appear equitable.

13. The average of twenty-nine years of actual realizations is given at Rs. 22,299, and the new maximum assessment under the rates proposed will be Rs. 27,480, while the probable realizations for the present year at the new rates are stated at Rs. 23,864. These results appear to the Governor in Council satisfactory.

14. The introduction of the new rates is advocated by you and they are approved of by Captain Wingate "as far as the information supplied in the correspondence permits him to judge." His Lordship in Council must trust to the experience and judgment of yourself and Captain Wingate in a great measure on a question of this kind, and he thinks there need be no hesitation, on a review of all the correspondence which has been laid before Government, in at once sanctioning the new rates and authorizing their introduction in the present season.

15. The Governor in Council has approved and sanctioned the course recommended by you with respect to the question of Parbhára Haks, their present payment at the rate of Rs. 2,515-2-1 from the revenues being admitted, and all direct levies prohibited, leaving their ultimate disposal to be determined on when a reply is received to the Government letter to your address of the 15th September last, relative to the general question.

16. For the reasons stated by Mr. Tytler and yourself, His Lordship in Council concurs in your view that in the Dáng it is very desirable that no instalments of the revenue should be fixed later than March, and has been pleased to sanction Mr. Tytler's proposals on this subject.

17. On the subject of the renewal of the five years' leases in the Sub-Collectorate of Násik, the Governor in Council considers it very desirable that their revision should, if possible, be made by Mr. Tytler. Before, however deciding on this point the report promised by the Collector will be awaited.

18. His Lordship in Council has approved of Serjeant Hexton being deputed to the Sub-Collectorate to finish the field boundary marks, as recommended in your 18th paragraph.

19. He has also authorized the course proposed by you for fixing a new boundary line between the Ankola and Junnar Tálukas being followed.

20. Your recommendation of Mr. Tytler's suggestion for the promotion of his Assistant Mr. Hexton will be transferred to the Military Department for consideration and disposal.

21. I have been desired in conclusion to request that you will be pleased to communicate to Mr. Tytler the approbation of Government for his useful and zealous exertions in conducting the survey operations of this district, in addition to his duties as an Assistant Collector, and at so exceedingly moderate an expense compared to the great importance of the object attained.

I have, &c.,

(Signed) W. COURTNEY,

Acting Secretary to Government.

Bombay Castle, 23rd January 1849.

No. 245 of 1849.

Forwarded for the information and guidance of the Superintendent of the Dáng Survey with reference to his report No. 108, dated 22nd August last, and who is requested to issue the instructions on the subject.

8th February 1849.

(Signed) R. SPOONER, Collector. Remarks of Ráo Bahádur Nilkanth Bhagwant Moolay, District Deputy Collector, Ahmednagar, on the proposals for the revision settlement of the 102 Government villages of Akola made by W. M. Fletcher, Esquire, Superintendent, Poona & Násik and Southern Marátha Country Revenue Surveys.

No. 921.

Ahmednagar, 17th May 1887.

/ Submitted to the Collector of Ahmednagar after a careful perusal of all the papers with the following remarks.

2. Para. 14.—The addition of the 10th class to the valuation scale has left no land however poor in soil unclassified, and consequently unassessed. This measure is convenient both to Government and the rayats.

3. Para. 18.—The denudation of old forest has caused decrease in the quantity of rain, which fell in Mr. Tytler's time. The conversion of some of the old rice fields into beds for wheat and other Deshi-crops, which is seen at some places in the taluka, is sufficient to prove the decrease in the quantity of rains. The forest operations now in progress will certainly secure in course of time more moisture.

4. Para. 20.—The road between Katul to Akola has been now made more easy by widening the Washerághát. It is in contemplation to connect Katul with the Junnar Táluka by opening a new road in the southern portion of the Moola Valley.

5. Paras. 22, 23 and 24.—The increase in population and houses shows the prosperous state of the villages.

6. Para. 26.—The number of sheep and goat is gone down. One of the chief reasons for this decrease is the exclusion of these animals from the forest lands.

7. Para. 27.—The improved state of communications has increased the number of carts. The number will still be increased when the roads mentioned in para. 4 above are completed.

8. Para. 28.—The decrease in the rainfall necessitated an increase in the number of wells which were built by prosperous rayats.

9. Para. 32.—It is true that the value of land is now much increased.

10. Para. 36.—No difficulty is experienced in the collection of the revenue in this taluka.

11. Para. 37.-I quite agree with Mr. Fletcher.

12. Para. 39.—The groups are judiciously arranged and the rates assigned to them seem moderate.

13. Para. 40.—The rates for rice lands are proper.

14. Para. 43.—The total increase on Government occupied land is shown at Rs. 8,349, that is 23.8 per cent., but this increase is attributed partly to the increase of 15,000 acres of occupied land which have hitherto escaped assessment. It would have been convenient to arrive at a correct idea of the percentage of the net increase, had the amount of assessment of these 15,000 acres been shown separately. However, under the circumstances mentioned, it appears that the net percentage cannot be high.

15. Para. 48.—The revised rates may be sanctioned and introduced subject to the conditions mentioned in Government Resolution No. 3541, dated 4th May 1885.

> (Signed) N. B. MOOLAY, District Deputy Collector, Ahmednagar.

No. 2724 of 1887.

Ahmednagar, 18th May 1887.

In forwarding the above the Collector begs to state his entire concurrence in Mr. Fletcher's proposals. The villages have been judiciously grouped and the increase in rates is sufficiently moderate.

> (Signed) G. WADDINGTON, Collector.

No. 1396 of 1887.

FROM

A. S. BULKLEY, ESQUIBE,

Acting Survey and Settlement Commissioner;

To -

THE SECRETARY TO GOVERNMENT, Revenue Department.

Survey Commissioner's Office, Poona, 9th August 1887.

SIR,

I have the honour to forward my remarks on the proposals of the Superintendent, Poona and Násik and Southern Marátha Country Revenue Surveys, for the revision survey settlement of the 102 Dángi Government villages of the Akola Táluka of the Ahmednagar Collectorate, submitted in his letter No. $\frac{S}{612}$, dated 21st April last, to the address of the Collector.

2. The reason for effecting a revision of the settlement of these villages separate from that of the 51 *Deshi* villages of the taluka which have more or less a different character of climate and cropping has already been fully explained in paragraph 2 of letter No. 342 of 22nd February 1886 of the Survey Commissioner to Government, to be found at page 55 of the Government Selection No. CLXXXIV., New Series.

3. Of the 102 villages now to be dealt with 5 were formerly in Junnar Táluka of the Poona Collectorate and were transferred from it to the Ahmednagar Collectorate in 1866-67. The original survey settlement of the 97 Akola villages was made in 1848-49 by Mr. Fraser Tytler under the system known as the Dángi settlement. This is described in full detail in the report by Mr. Fraser Tytler, which has been printed as an accompaniment to Mr. Fletcher's present report, and is to be found at pages 59 to 70 of the present papers. The description may be summarised to the effect that, in the more open villages in the eastern tract, all superior soils were at once measured (more or less accurately) demarcated, classified, and assessed at rates ranging in the case of dry-crop lands from 18 annas to 4 annas and in that of rice lands at rates vary-ing from Rs. 2-8-0 to Re. 0-12-0. The lands not so dealt with in detail were leased for periods of 5 years, on terms subject to revision. In the middle tract, only the rice lands were measured and otherwise dealt with in detail for the purposes of assessment, the remainder being partially leased. In the most western villages the rice lands alone were measured and separately assessed, and no lands at all were leased. The settlement sanctioned according to the above system and rates was in force for some 6 years (until 1855), when it was modified in the direction of entirely doing away with the system of leasing lands of any description. The Mal lands which were then for the first time separately measured were classified under the same rules and scale as had been followed in the case of the dry-crop lands, by which the poorest soils were valued considerably above what they would be and are by the scale that is now in use and has been adopted in the entire re-classification which has been made in the case of the villages under report. The assessment rates proposed and sanctioned for these lands thus dealt with at that period were guaranteed by Government for a term which was fixed along with that of the 30 years' lease granted for the lands assessed in the first stage of the survey.

4. As the internal measurements made by the original survey were unavoidably rough and, moreover, not well tested, remeasurement has been now carried out, under the orders of Government to that effect. In the course of this work the aggregate of old survey fields has been decreased by 3,838 in 29,248. This is a result not usual in revision surveys, and the explanation of it is that the limits of many small areas of land likely to be cultivated with rice crops, which by the old survey were made into separate survey numbers have in the subsequent interval

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become not possible of identification and these as well as many others held by one and the same occupant, have been included in the adjoining *Mail* land survey numbers. Further, the reduction in number is due to about 1,000 old survey numbers having been included by the revision survey in forest reserves. As was natural in a country for the most part rugged and difficult of survey and measured by the original survey on a rough method, large differences of area between past and present results in a large proportion of cases have been detected. Imperfect demarcation in the interval has of course also operated to this end. In the present classification, which has also been entirely re-done, the system and scale adopted for dry-crop lands is that of the Joint report, altered only so far as to include a 10th (the lowest) class. In the case of rice lands the system prevailing in the Poona and Násik Survey for several years back has been adopted.

5. The tabular statement under paragraph 15 of Mr. Fletcher's report, by contrasting the area figures of the original and revision survey, shows that the changes in 3 of the various kinds of land specified are considerable, although the figures of area for the old survey are probably not very reliable. The increase in rice land area appears to amount to over 80 per cent. and in occupied dry-crop land to about 10 per cent.

The physical features of the tract under report, the variations in cli-(റ mate of its 3 main divisions, its soils with the nature of their cropping and other products, the character of the communications, and the markets which exist are described very lucidly and to the point in paragraphs 16 to 21 of Mr. Fletcher's report. The average rainfall over the whole area cannot be stated, as it is not gauged at any place actually within its limits. The difference between that recorded for Akola which is a few miles beyond its eastern frontier, and Igatpuri which is about 18 miles distant outside the western frontier line, is very great indeed. The rainfall over the whole tract is considered by Mr. Fletcher to have diminished since the date of the original settlement, owing to the considerable denudation of the parts then described as covered by forest and scrub jungle. At the same time it may be inferred that it is not, in general, much less than it was, looking to the actual considerable extension of rice land cultivation, a result which must depend greatly on the more or less certainty and sufficiency of the requisite rainfall. Mr. Fletcher has stated that, in general, the rice lands are not found to have a really good supply of water. This description, however, appears to be somewhat inconsistent with the statement (contained in his paragraph 19) that in some rice lands a second crop of wheat is grown after a first crop of rice, a condition of things which is scarcely possible except where the rain supply is good. The District Deputy Collector's statement, made in his memorandum of remarks on the report of the Superintendent of Survey, that, owing to the diminished average rainfall in some parts of the district, old rice fields have been cropped with wheat, must be understood to mean that rabi wheat crops have been grown owing to the kharif rice crop having failed to be raised. A comparison of the proportionate areas under rice cropping in the Dángi and Deshi tracts shows that in the former it is six times the greater. As regards bajri and nágli the former is cultivated four times more largely and the latter nine times less extensively in the Deshi than in the Dángi villages. Khorasni (an oil-seed) thrives well and is largely grown in the uplands of the Dángi tract, while in the Deshi Division it is scarcely cultivated at all. There is a considerable export from the Dángi tract of hirda berries (Myrobalum) gathered from trees standing in Government forests and also in occupied lands.

7. The statistics of population, of dwelling-houses of the better sort, and of agricultural resources in general, which have been succinctly reviewed by Mr. Fletcher in paragraphs 22 to 29 of his report, indicate a considerable degree of prosperity and solid advance throughout the district. The returns in the statistical papers concerning the various kinds of dealings in land exhibit a generally high range of value, and the figures relating to the administration of the district show that the revenue demand has, as a rule, been realised with great ease and regularity. The tract under report shared with the *Deshi* tract in suffering but slightly from the drought of 1876-77. A triffing item of casual remissions appears against the year 1876-77, probably due to the ill effects of the dearth. Outstanding balances, although they cannot be said to be "unknown" during the term of the existing settlement (as Mr. Fletcher states in paragraph 35 of his report) are decidedly insignificant after the year 1882-83, the large item shown in that year being probably that of the temporary remissions granted on account of damage by locusts.

8. The average prices of the four most important grains grown in the district both for local consumption and export in the period of the settlement, when contrasted with those of the 10 years immediately preceding, show a considerable rise all round. During the 18 years, 1868-69 to 1885-86, a slight fall is shown in the case of bájri and wheat, the effect of the few high priced years following the year of dearth being rather more than discounted by that of the last 5 years of lower prices which supervened; but even with this drawback the average prices of the last 18 years are more than 60 per cent. in advance of those of the first decade of the lease, and there can be no doubt that the margin of profit left to the cultivator has much expanded under the existing assessment.

9. A review of the preceding facts warrants the opinion pronounced by Mr. Fletcher to the effect that the various indications of prosperity and solid advance which are to be found in the statistical returns justify the imposition of the moderate enhancement of the existing assessment which the revised rates proposed by him will effect, if sanctioned by Government.

10. The revenue history of the 97 Dángi villages exhibits a considerable and steady degree of progress. In the first eleven years of the existing settlement the area of Government land in cultivation shows an increase of 17 per cent., with an increase in assessment of 8 per cent. In the 3 years following the increases are 52 and 35 per cent. respectively. Thence onwards for another 13 years (1860-61 to 1872-73) extension of cultivation continued steadily. During the succeeding 10 years (1873-74 to 1882-83) a slight decline with fluctuations, is observed, but from that time onwards there has been a continuous rise in area and revenue until in 1885-86 both reached their highest figures. The contrasted figures of 1860-61 (when the leased areas of *Mál* land first appear on the record as occupied Government lands) and of 1885-86 show an increase in the latter year of about $38\frac{1}{2}$ per cent. on area and about 27 per cent. on revenue. In the case of the five villages formerly of Táluka Junnar the contrasted figures of the first year of the survey settlement (1850-51) and 1885-86 show an increase of 105 per cent, in area and about 62 per cent, in revenue.

The distribution of the 97 villages into groups for the revised assess-11. ment which Mr. Fletcher has proposed seems well considered and appropriate. At the original settlement no graduation of rates on the ground of differences in situation and facilities of communication was called for or made. In the interval the construction of good made roads and the practicability of access to the railway in one quarter render a modification of the original general scheme desirable and necessary. The details of the changes proposed are clearly exhibited in paragraph 39 of Mr. Fletcher's report and, with the aid of the map of the district, are seen to be based on a discriminating study of the topography of the country. In the first class with a maximum rate of Rs. 1-14-0 is one village (Rájur), which is the principal market and adjoins the western boundary of the second group of villages in the settled Deshi tract. In consideration of the more hilly nature of its lands a trifling decrease in the maximum rate sanctioned for the said group has been properly proposed. In the second class, with a maximum rate of Rs. 1-10-0 are the market town of Kotal and five villages lying between it and Akola, with a made road connecting the two towns. The proposed maximum rate is suitable, both relatively to that of the first group and that of the Deski villages in the vicinity which are almost similarly situated. The third class contains four villages lying to the east of those of the second class and possessing inferior communications, and two other villages situated to the north of the first class but having much greater difficulty of access to Akola. The maximum rate proposed for these villages is Rs. 1-8-0 which is appropriate, being the same as that of the adjoining villages of the Deshi tract settled last year whose conditions are very similar. In the fourth class, with a maximum rate of Rs. 1-6-0 are comprised 21 villages, many of which are in the Pravara valley and border either side of the made road leading eastward to Rájur. Three villages of this group adjoin Kotal on its west

boundary, possessing a somewhat similar climate to that of the second group but communications much inferior. In the fifth class are 5 villages lying to the south-east of Kotal and adjoining villages of the Deshi tract which were settled last year under a maximum rate the same as that which is now proposed for the present, viz., Rs. 1-4-0. This distribution and rating are appropriate. In the sixth class are placed thirty-seven villages in two divisions lying to the north and south of the fourth group, those in the south divisions possessing a somewhat inferior climate to those of the north but having an advantage in the existing means of exporting their produce. At the same time the villages of the Northern Division which are most distant from the made road are compensated by having a more open country and, moreover, possess a means of exit into the Sinnar Táluka on their north. The maximum rate proposed is Rs. 1-2-0 and this is appropriate. The seventh group contains twenty-six villages which occupy the extreme south and south-west tract of rough country. The climate is very moist and cart tracks are almost unknown. The maximum rate is Re. 1-0-0, which assimilates with that of almost all the villages of the Junnar Táluka, which border this group.

12. The area of Government rice land is about one-twentieth of the total cultivated area and of it nearly 50 per cent. is new. The latter lands have been treated for classification and assessment in the same way as similar lands in the *Deshi* villages settled last year, an explanatory description of which system is given by Mr. Stewart in paragraph 10 of his letter to Government to be found at page 57 of Government Selection No. CLXXXIV., New Series. The maximum rates for rice lands proposed by the Superintendent range from Rs. 8 to Rs. 6 and are shown to be suitable by the fact that the effect of their general application is to enhance the average assessment per acre by only one anna and six pies on Rs. 1-8-4 or 6 per cent. No useful comparison can be made between the old and the new maximum rates, as the two indicate two almost entirely different conditions of things and system.

13. Of the total irrigated Government area (512 Acres) 102 acres are under wells and the remainder, 410 acres, are watered by paths from streams which are, however, useful for raising only the less valuable garden produce. The area of Government garden land has increased 150 per cent. during the existing settlement. The old average assessment per acre is Rs. 2-9-0. The present 102 acres of *Motasthal* land (assessed strictly according to the orders of Government), will pay Rs. 150 equal to Rs. 1-7-6 per acre; and the 410 acres classed as *Pátasthal* will pay Rs. 966, equal to an average assessment per acre of Rs. 2-5-8. Contrasting these last figures with the corresponding figures of similar land in villages of the *Deshi* tract the average rate per acre of *Pátasthal* land is about 25 per cent. lower in the Dángi villages.

The Superintendent shows in his paragraph 43 the estimated effect of 14. the application of his proposals in respect of classing and rating both in detail of classes and in the tract as a whole. The net enhancement on the occupied area, though shown to be equivalent to 23.8 per cent. is in reality less, because some 15,000 acres of Government land are included in the present occupied area which, under the former survey, have paid no assessment. Allowing for this the actual net increase by the revision settlement is only 10 per cent. as represented in another form by the difference (increase) between the revised average rate per acre of annas 5 pies 4, and the existing average of 4 annas and 10 pies. In the case of the one village included in Class I. the explanation offered by the Superintendent of Survey of the apparent excessive enhancement of a group is not necessary, and its justification need not be considered applicable to the case in The explanation given by the Superintendent of Survey of the very point. small increase of assessment which will result in the case of the six villages placed in Class III. is doubtless the correct and only possible one. In the case of individual villages excessive increases are, on the other hand, due mainly to the differences in area according to the two surveys, and this fact is exemplified in paragraph 44 of Mr. Fletcher's report by the details of two extreme instances. In one (Kumshet) the differences between the former and revision survey areas is that of a total of 20 acres of dry-crop land against 69 acres, of which 34 acres are cultivated as rice but assessed according to rules at dry-crop rates. In the

other village (Shirpanj Khurd) the difference in area is that of 82 acres of drycrop land as against 205 acres. The old and revision survey rice areas differ but little, and the assessment of each is the same.

It will be seen from reference, to the figured statement given under paragraph 46 of the Superintendent's letter that the enhancement which will result in the average rate per acre of occupied Government land of all descriptions is 6 pies on 4 annas 10 pies, an increase of assessment which must be admitted to be sufficiently moderate.

The District Deputy Collector has examined the resettlement pro-16. posals and recorded his approval of the grouping as judicious and the rates assigned to them as moderate and suitable. The Collector has also expressed his entire concurrence in the Superintendent of Survey's proposals, and the revision settlement which will be based on them. I do not, therefore, hesitate to recommend that the revised rates should be introduced in the ensuing field season and guaranteed for a period of 28 years, dating from that of their actual levy. This will expire along with the lease which has been sanctioned for the rest of the taluka, namely in the year 1915-16. The concession granted in paragraph 11 of Government Resolution No. 3541, dated 4th May 1885, to occupants in the Igatpuri Táluka whose assessment was much increased, should be extended to similar cases in the present villages.

I have the honour to be,

Sir,

Your most obedient Servant,

A. S. BULKLEY,

Acting Survey and Settlement Commissioner.

(Forwarded through the Commissioner, C. D.)

No. R. OF 1887.

FROM

ARTHUR CRAWFORD, ESQUIBE, Commissioner, C. D.;

To

THE ACTING CHIEF SECRETARY TO GOVERNMENT,

Poona 6th September 1887.

SIR.

I have the honour to submit for the orders of Government the papers

Letter No. 512 of 21st April 1887, from Mr. Fletcher, with accompaniments.
 Memorandum No. 921 of 17th May 1887, from Kao Bahadur N. B. Mulá.
 Memorandum No. 2724 of 18th May 1887, from Mr. Wøddington.
 Letter No. 1396 of 9th August 1887, from the Survey Commissioner.

Akola Táluka of the Ahmednagar District.

2. The proposals for the Dáng Section of Akola Táluka which are embodied in these papers form a corollary to those for the Deshi er champaign Section which were submitted and sanctioned last year (Government Selection No. CLXXXIV, New Series).

3. The great diversities in physical features, climate, rainfall, mode of agriculture and facilities of communication between the Dang and the Desh portions of the taluka necessitated their treatment at the original settlement on an entirely different basis. Mr. Fraser Tytler's interesting report clearly shows how impracticable it was in 1849 to enforce the survey system in its entirety in the Dangs.

4. The 40 years or so that have passed since Mr. Tytler's first attempt to reduce the old chaotic condition to some kind of order and method, have however brought about vast progress in the moral and material condition of the ■ 1292-23

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marginally noted, relating to the revision survey and settlement of 102 villages in the

Revenue-Department.

country. It is, therefore, only natural that with our improved methods of measurement and classification we should now be able to assimilate the assessment system in the Dángs with that which prevails in the neighbouring country.

5. The operations of the old survey settlement, were carried out through the agency of the Mámlatdár's establishment, and the work was therefore necessarily wanting in accuracy. A thorough remeasurement and reclassification has now been made and Mr. Fletcher has satisfactorily, explained the difference in numbers and areas at the old and the new survey.

6. The information supplied by Mr. Fletcher in the various appendices touching the frequence history of the Dángs, its population and agricultural resources, indicates a steady progress in the prosperity of the district which quite warrants a moderate enhancement of the old assessment.

7. Mr. Fletcher has divided the villages into 7 groups, the maximum rate of the highest group being Rs. 1-14-0 and of the lowest Ro. 1. The maxima have been fixed with due regard to the rates prevailing in such of the neighbouring villages as have already been settled.

8. The net result of the proposals is an increase of Rs. 8,349 or 23 8 per cent. on the old assessment which is unquestionably moderate. Mr. Fletcher's explanation of the abnormal increase of assessment which is apparent in some of the villages is satisfactory. The fact that Rájur is the only village in the first group should also be held to account for the percentage increase of assessment in that group being far in excess of one-third.

9. I consider the proposals to have been most carefully worked out and have no hesitation in recommending them for the approval and sanction of Government.

I have the honour to be, Sir, Your most obedient Servant, ARTHUR CRAWFORD,

Commissioner, C. D.

Revenue Survey and Assessment: Introduction of the revision settlement into 102 Government villages of Akola, which form the Dángi or hilly portion of the Akola Táluka of the Ahmednagar District.

No. 835.

REVENUE DEPARTMENT.

Bombay Castle, 6th February 1888.

Letter from the Commissioner, C. D., No. R. ---3444, dated 6th September 1887--Submitting Letter from the Superintendent, Poona and Násik and Southern Marátha Country Revenue Surveys, No. 512, dated 21st April 1887, gin, relating to the revision

Memorandum from the Collector of Ahmednagar, No. 2724, dated 18th Memorandum from the Collector of Ahmednagar, No. 2724, dated

18th May 1887. Letter from the Survey and Settlement Commissioner, No. 1396, dated 9th August 1887.

the papers noted in the margin, relating to the revision settlement of 102 Government villages of Akola, which form the Dángi or hilly portion of the Akola Táluka of the Ahmednagar District.

Letter from the Commissioner, C. D., No. R.—5221, dated 16th December 1887—Furnishing the information called for in Government memorandum No. 7373, dated 29th October last.

RESOLUTION.—Of the 102 villages, for the revision survey settlement of which proposals are now submitted, 5, which formerly belonged to Junnar Táluka, were originally settled in 1850-51. In the remaining villages two distinct settlements were made and are still in force. Under the first, which was sanctioned by Government letter No. 419 of 23rd January 1849 and guaranteed for 30 years, rice lands and, in a few villages, other superior soils were alone regularly assessed. The second settlement, which dealt with the remaining lands and superseded an unsatisfactory system of temporary leases, was sanctioned by Government Resolution No. 3799 of 20th October 1860, by which the assessment rates fixed were guaranteed for a period which was to expire at the end of the 30 years' term of the settlement guaranteed for rice lands. Owing to the absence of skilled subordinate agency the survey methods employed were necessarily rough, and the merits of these two settlements, which though separately introduced were in all essential particulars of the same natility, lay in the fact that four distinct methods of collecting the revenue, each uncertain and difficult to check, were in a hilly difficult and unhealthy, tfact of country, superseded by a uniform system of field assessment and the way was thus paved for the application of the ordinary methods of the revenue, for very at the expiry of the period of guarantee.

2. As a natural consequence of the roughness of the original survey work entire remeasurement and reclassification were found necessary at the revision survey to which the present reports relate. The detailed results of these operations need not be here referred to; but the large decrease in the area of lands classed as waste, and the corresponding increase in the rice, garden and dry-

3. Mr. Fletcher has given a full and clear description of the tract of country under consideration, has carefully compared its present condition with its condition at the commencement of the leases and, in paragraph 37 of his report, has concisely summarized a series of facts which show that the present assessment has been paid with ease and punctuality, and that material improvement to a marked extent has taken place since the introduction of the original settlements. These facts considered in connexion with the general and marked rise which has taken place in the prices of staple produce are in the opinion of Gövernment sufficient to justify the moderate increase of assessment now proposed.

4. Owing to the fact that this tract of country adjoins, on the East, West, and South respectively, the *Deshi* villages of Akola, the Igatpuri Taluka of. Násik, and the Junnar Taluka of Poona, in all of which revised rates have recently been introduced, there can be little difficulty in fixing a suitable range of assessment rates for dry-crop lands; and Mr. Fletcher's reasons for proposing that they should vary from Rs. 1-14-0 to Re. 1 are evidently sound. As regards assessment groups also, of which seven have been formed, there is room for little doubt as to the suitability of the proposals submitted by that officer and unanimously recommended for sanction by the Collector, the Commissioner, C. D., and the Acting Survey and Settlement Commissioner.

5. The maximum rates proposed for old rice land range from Rs. 8—the rate already applied to the *Deshi* villages of Akola—to Rs. 6 per acre, and are accepted as suitable by all the officers whose reports are before Government, though, for the reasons mentioned by Mr. Fletcher, any comparison between them and the original rates is impossible. New rice land has been in all cases assessed within the ordinary dry-crop rates. The garden rates proposed are also unanimously recommended for sanction and the Survey and Settlement Commissioner shows that the average assessment on *Pátasthal* is about 25 per cent. lower than in the *Deshi* villages already dealt with. In assessing. *Motasthal* the orders of Government have been closely adhered to.

6. The net result of the adoption of the proposed rates will be an increase of the present assessment (Rs. 40,501) by Rs. 7,857. In the case of Government occupied, land the percentage increase will be only 23.8 and even this is due almost entirely to increase in the occupied area. Abnormal increases inindividual villages are sufficiently explained.

7. Government do not consider it altogether satisfactory that these papers were submitted to Government for sanction for the proposals contained therein without any reference being made to the notifications ordered to be published by Government Resolution No. 7447 of 21st October 1886, though subsequent correspondence shows that they had been published and petitions had been received from the inhabitants of five villages. The Collector's attention should also be called to the fact that the procedure enjoined by that Resolution does

not appear to have been followed in this case. Government concur however with the Acting Survey and Settlement Commissioner and the Commissioner, C. D., that the petitions received disclose no good reasons for altering either the groups for the maximum rates proposed by Mr. Fletcher.

8. The proposed rates are sanctioned and should be introduced with as little delay, as possible. The ferm of guarantee should be fixed so as to expire concurrently with that of the *Deshi* villages of Akola of which the revision settlement has been sanctioned in Government Resolution No. 2587, dated 5th April 1886.

J. DEC. ATKINS,

With an intimation

that the papers are be-

ing printed in the form

of a Selection from the

Records of Government,

and that when it is ready the usual number

of copies of it will be

forwarded to the officers

Under Secretary to Government.

concerned.

To

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The Commissioner, C. D. (with the vernacular papers accompanying his letter No. E.-5221, dated 16th December 1887,

The Collector of Ahmednagar,

The Survey and Settlement Commissioner,*

The Director of Land Records and Agriculture, The Public Works Department of the Secretariat,

The Accountant General.

The Government of India, The Secretary of State of India. } By letter.

* Copies of the papers will be supplied direct to the Superintendent, Poona and Násik Revenue Survey.

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