

BADIN SETTLEMENT REPORT, 1897.

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No. 464 of 1897.

REVENUE DEPARTMENT.

Assistant Collector's Office,

Camp Tando Bago, 30th April 1897.

From

B. A. BRENDON, ESQUIRE, I. C. S.,
Assistant Collector, Tando,

To

C. E. S. STEELE, ESQUIRE,
Acting Collector of Hyderabad.

Sir,

I have the honour to submit proposals for the revision of the settlement of the Badin Taluka, as requested in your memo. No. 5527, dated the 29th November 1895. The existing settlement was introduced into 116 of the 170 villages, into which the taluka was then divided, in 1886-87 and into the remaining 54 villages in the following year. The rates then sanctioned will expire on the 31st July 1897.

Description of Taluka.

2. Badin is the southernmost taluka of the Hyderabad District. It is a triangle in shape, with its base on the Rann of Kach. On the east, it is separated from the Tando Bago Taluka of the same district by the Guni Canal and two of its branches and from the Thar and Parkar District by the Dhoro Puran. On the west, it is bounded by the Guni and Jati Talukas, of which the former belongs to this district and the latter to Karachi. It has an extreme length from north to south of 50 miles, and breadth of 32 miles.

The chief town, Badin, is situated in a very central position on the left bank of the Mir wah, and is 62 miles by road south-east of Hyderabad. The town contains some 1,135 inhabitants.

The whole country is really nothing but a rice-growing swamp, strongly impregnated with natural salts. These latter have a tendency to appear most markedly in any slightly elevated situation, and therefore the roads, which have to be raised above the swamps, are most affected. Probably, about 8 per cent. of the taluka is what is known as "kalar," or salt land, and uncultivable, except at great cost. That "kalar" land can, however, be cultivated after proper treatment has been proved to me, and I have only within the last few days received an application from a zamindar to be allowed to take up a tract of salt land without assessment for a few years with a view to his bringing it eventually under cultivation.

The taluka is perfectly flat. It is an ideal grazing country for milch cattle and camels. Along the edges of the rice fields and in all natural depressions, excellent grass grows luxuriantly. On the salt lands, the tamarisk and salvadora thrive, and acacias line the canal banks and the rice fields. Much has been done lately in planting trees along the roads, and if the effort is kept up there will in a few years be continuous avenues along all of them. In the south-east, along the Dhoro Puran, the soil is sandy and a few low sandhills crop up, similar to those which are the prevailing feature of the Thar. This accounts for the fact that no land is being taken up along the Puran in this taluka, as is being done in Tando Bago.

The taluka is divided into 171 dehs, of which only are entirely alienated. At the time of the settlement, there were 170 dehs, of which 3 were jagirs, namely, Wasi Sajan, Durmano and Bagirki. The two latter are now Government villages. Wasi Sajan is still jagir, and the other is Phulahdi, which has been separated from the village of Rebhan since the settlement.

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Population.

3. The population of the taluka has risen from 65,709 in 1881 to 73,867 in 1891—an increase of 8,159, or 12 per cent. As in the case of Tando Bago, however, there is a large floating population of Kachis, who are not included in the above. Labourers are most difficult to obtain at any time, and the Sindhi cultivator is so well off that he scorns to do any other work than that actually connected with the tilling of his own land and the clearing of his water-courses.

There has been no emigration or immigration other than that alluded to above.

Agricultural Stock.

4. Statistics have been kept since 1892-93, and will be found in Appendix X. There has been a satisfactory increase in the number of bullocks, cows and camels. Buffaloes and horses have remained stationary, whilst donkeys and sheep have very slightly decreased in numbers.

The great decrease in the number of camels in 1893-94 has not been accounted for satisfactorily. It is most probably referable to the very heavy rain in July 1894, which is almost certain to have driven the camel herds out of the country for a while.

Communications.

5. Badin is connected with Hyderabad by a main road which enters the taluka at Dando, about 40 miles from Hyderabad. As far as Dando, this road is hopelessly bad, owing to the light, friable nature of the soil; but from Dando to Badin it is excellent. It is everywhere beyond the reach of ordinary floods, and the large quantity of "kalar," which is very binding, renders the road firm and easy for traffic as a rule. In damp weather, however, the "kalar" is a disadvantage, as the road becomes so slippery that neither horses, bullocks nor camels can stand on it. This road is being greatly improved by the construction of brick culverts on all the intersecting water channels.

From Badin, a good road runs to Tando Bago, being carried across the Guni by an iron bridge at Wahnai. Another road runs westward to Tarai and on to Mirpur Batoro in the Karachi District. To the south, separate roads connect Badin with Sirani, Kadhan and Luwari, respectively. From Kadhan, a road runs into Kach *via* Bahim-ki-Bazaar. The traffic is carried across the Puran by a ferry.

Talhar is connected with Tando Bago by the main road from that town to Hyderabad. In the south, also, cross-roads lead from Nindo Shahir to Luwari and Kadhan, respectively, and from the latter place to Sirani *via* Bahadmi. There is also another route into Kach *via* Bahadmi, but it joins the Kadhan route at the Puran ferry. From Bahadmi, there is a track—it cannot be called a road—to Lakpat in Kach.

These roads, although they cannot be said to be in thorough repair, are quite equal to the purposes to which they are put. Their repair annually costs a large sum of money, and without metalling it is impossible to make them any better. I believe, however, that the trees planted along the roadsides will have a beneficial effect in binding the soil where there is no "kalar."

Badin, like Tando Bago, possesses an excellent system of water communication with Hyderabad for five months in the year. A reference to the map will show that the Mir wah traverses the taluka from Talhar, in the north, to Pateji, in the extreme south. This canal is navigable for boats as far as Sirani, a distance of 30 miles by water from Talhar. The Kazia wah, which flows past Badin, is also navigable.

Produce is exported in boats, by camel and in carts. The rates vary considerably. Approximately, they are as follow:—

By boat, $\frac{1}{2}$ pie per maund per mile.
By camel, $1\frac{1}{2}$ pies "
By cart, $1\frac{1}{2}$ pies "

Considerable quantities of ghi and grain are exported to Kach, but the export trade is mostly in the direction of Hyderabad.

Two steam launches ply on the Guni between Hyderabad and Talhar for five months. They only carry passengers, however.

Markets.

6. Badin is, of course, the principal market, and at this town most of the produce is collected by the local merchants previous to its being exported. Talhar and Nindo Shahir, however, are also large markets, and export direct to Hyderabad. Other minor market towns are Dando, Luwari, Bahadmi, Wahnai and Sirani.

Kadhan was once a thriving town, but is now ruined, owing to the want of water in the Rajwah Kadhan.

The Musalman zamindars almost invariably dispose of their produce at low rates at the threshing floor. The Hindu zamindars are much better men of business, and export the grain themselves, or at any rate carry it to market, and thus obtain better prices.

Manufactures and Industries.

7. There are no manufactures worthy the name. Gold and silver ornaments are made in most of the towns, and dyeing is practised at Talhar, Badin and Nindo Shahir. Oil-pressing is carried on at Dando, Talhar, Badin, Luwari, Nindo Shahir and Bahadmi, and sugarcane is crushed for molasses at Dando, Talhar and Badin.

Climate and Rainfall.

8. The climate is much the same as that of Tando Bago,—cool and pleasant from November to February, though unhealthy. During the next six months, the heat and dust combine to render life most unpleasant. From August onwards, the heat is tempered, and September gives a foretaste of the approaching cold weather.

The rainfall of the last ten years has varied from 4 to 13 inches, the average being 8.21. The heaviest rainfall generally occurs in July, when it is seasonable for the bajri. It probably, however, does more harm than good to the rice, as the rain water added to the already overflowing canals is more than they can contain. Rain in January is uncommon; when it does fall in that month, it is beneficial to the rabi crops. During the last five years, some 367 acres have been annually cultivated on rainfall.

The great enemy of the rabi crops are the fogs which prevail from January onwards. These blight the mangoes and induce rust in the wheat. The frost, too, in January is another enemy. Quite recently, I saw a crop of standing maize which had been killed by frost.

Whilst, therefore, climatic conditions do not affect the kharif crops, the rabi crops have to contend against fog and frost, and their cultivation must, therefore, be always somewhat of a speculation.

Irrigation.

9. I append to this report, as Appendix XIX, copy of a letter from the Executive Engineer, Faleli Canals, describing the irrigation system of the taluka.

The parent canal is the Fuleli, here called the Guni. Owing to the want of an escape, silt has been depositing itself below Talhar, and in consequence the revenue has fallen off. The silt was removed in 1889 at a cost of Rs. 46,000, but quickly settled again, as it was bound to do, for want of sufficient velocity in the current. This great defect is being taken in hand at present, and the construction of the escape from the triple sluice to the Dhoru Pura will no doubt not only give the canal sufficient current to scour its own bed, but will enable it to be worked all the year round.

The principal branch of the Guni is the Mir wah, which takes out at Talhar and runs right out on to the Rann of Kach at Pat ji. The canal is locally known as the Ghari Mandhar below Badin. As Mr. Summers says, the supply is practically unlimited. In fact, it has to be regulated lest the Mir wah should deprive other canals of their supply. The bed of the Mir wah is lower than that of the Guni, and the velocity of its current is so great that practically no silt is deposited.

The irrigation map attached to this report (Appendix II) will show at a glance what a magnificent supply of flow irrigation is afforded by this canal.

The Raj wah, which takes out of the Mir wah a little below Talhar, has been vastly improved by the cutting of an escape into the Bareji Dhand, and the cultivation has risen from 800 to 1,300 acres.

Owing to the lowness of the land below Badin, all the canals are very liable to breach in the height of the inundation, and they cannot be properly regulated until the Fuleli Escape is finished, for, if they were shut, the Fuleli would itself breach and do incalculable injury.

This is particularly the case with the Ghari Mandhar, and Mr. Summers has lately provided, in the Old Kazia, a means for relieving the pressure. The Old Kazia is a little canal, taking out of the Ghari Mandhar, a few miles below Badin. It is provided with a regulator, so that it need not be worked unless it is necessary to do so. It has lately been extended and improved, and is now a most important safety valve. The canal was opened in 1890-91 at a cost of 1½ lakhs of rupees, and is at present being extended at a cost of Rs. 4,000.

The canal next in importance to the Mir wah is the New Kazia, which takes out of the Guni about a mile north of Wahnai, where the road from Badin to Tando Bago crosses the Guni. The canal flows straight to Badin and then turns south to Bahadmi, after which it is known as the Ganj Bahar. The canal is similar to the Mir wah in that it will take more water than can be spared for it. Below Badin, its banks are in a weak state, and in 1894 many breaches occurred. The construction of a head regulator in 1889 has, of course, been of great benefit not only to the Kazia, but to the other canals taking out of the Guni lower down, as it has insured them a better supply. But the full benefit will not be derived until the Fuleli Escape is finished, for the essential point of a regulator should be that it can be shut down. As explained above, this cannot be done at present.

Of the other canals, I have not much to add, except that, for one reason or another, they do not carry sufficient water to their tails. Probably, more expenditure on clearance is required, and probably, also, cultivation is moving up towards the mouths. No doubt, also, the deficiency is partly due to waste, which can only be effectually checked by the Mukhtyarkar proceeding to the spot at once and disposing of the case within a week. If delay is allowed to occur, the guilt cannot be brought home.

Mr. Summers shows that considerable sums on special improvements have been spent on all these canals in the last few years, and that, in spite of the silting and want of water in the lower reaches, the cultivation has been kept up.

Wells.

10. The number of wells in the taluka has risen from 4 in 1886-87 to 23 in 1895-96. At the same time, the number used for agricultural purposes has risen from 3 to 4 only. In 1886, Colonel Anderson wrote: "This is the first taluka in which I have found absolutely no wells used for agricultural purposes." The same is practically true to-day, only 12 acres in the taluka being irrigated from wells, and then only with the assistance of canal water. The reason is, I believe, that the permanent wells are very apt to become brackish after a time, and their water would then do more harm than good to the soil. Water is generally found between 15 and 20 feet from the surface. For drinking purposes, canal water is used, as long as it is available, in preference to that of wells, in spite of the fact that it is heavily laden with silt and refuse. When the canals are dry, a plentiful supply is obtained by sinking shallow wells in the beds of the canals.

Revenue History of the Taluka.

11. The present is the first regular settlement ever introduced into the taluka. Previous to that, land was held on leases, which were to expire on the introduction of a settlement, or was held on the bigoti system, or a fixed payment in cash was levied for the use of a wheel in the case of lift cultivation only.

Under the bigoti system, assessment was paid, according to rates fixed for each *makan* or locality and not for duns, on the actual area cultivated in each year. The rates for land held on leases varied from Re. 0-2-2 to Rs. 6-5-0 per acre of cultivation in one year, and rose as high as Rs. 9-12-0 in the case of a garden near Talhar.

The bigoti rates also showed considerable variation:—

Kharif—Rice	from	Rs. 1 7 3 to Rs. 4 5 8	per acre.
Other flow	"	" 0 15 6	" Re. 1 15 0 "
Rabi—Wheat	"	" 1 15 0	
Other crops	"	" 1 8 3	
Mahsuli crops	"	" 2 14 6	
Barani	"	" 0 15 6	" Re. 1-7-3 "
Gardens	"	" 3 13 11	

Mahsuli crops are those, other than grain-bearing, for which the cultivator paid his landlord a cash payment instead of a share of the produce, *e.g.*, tobacco and cotton. Barani means cultivation on rainfall.

The cash rates for the use of a wheel in the case of lift cultivation varied from Rs. 5 to Rs. 11 for a hurli, or small wheel, irrigating 5 or 6 acres, and averaged proportionately more for a large wheel, nar, irrigating twice as much land. The results obtained under these systems are shown below:—

Year.	Demand.	Remissions.	Collections.
1881-82	1,23,037	161	1,22,876
1882-83	1,10,099	7-7	1,09,312
1883-84	1,15,952	312	1,15,640
1884-85	1,18,548	2,896	1,15,692
1885-86	1,26,957	158	1,26,799
Average	1,18,927	263	1,18,664

Current Settlement.

12. The current irrigational settlement was introduced, as stated above, into 116 villages in 1886-87 and into the remaining portion of the taluka in the following year. The rates sanctioned were:—

	RATES PER ACRE.			
	1st Group of 36 dehs.	2nd Group of 33 dehs.	3rd Group of 44 dehs.	4th Group of 37 dehs.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Kharif.				
Rice under flow, gardens and sugarcane.	3 0 0	2 12 0	2 8 0	2 4 0
Other crops under flow and lift aided by flow.	2 8 0	2 4 0	2 0 0	1 12 0
Lift irrigation ...	1 12 0	1 8 0	1 4 0	1 0 0
Babul plantations ...	0 10 0	0 8 0	0 6 0	0 4 0
Rabi.				
Natural and artificial inundation (sailab and bosi).	2 4 0	2 0 0	1 12 0	1 8 0
Do.—aided by lift or flow and perennial lift.	2 12 0	2 8 0	2 4 0	2 0 0
Barani.				
Kharif ...	1 4 0		1 0 0	
Rabi ...	1 8 0		1 4 0	

These rates, except those for babul plantations, were subsequently adopted for the adjoining taluka of Tando Bago, which has also come under revision this year. They are from 4 to 8 annas an acre lower than the rates in the Jati Taluka of the Karachi District, which again are from 4 to 8 annas lower than these in force in the Guni Taluka of this district. The results obtained under this settlement are shown below:—

Year.	Revenue for collection.	Remissions.	Causes of Remissions.
	Rs.	Rs.	
1887-88 ...	1,78,716	521	Floods Rs. 130; drought Rs. 391.
1888-89 ...	1,87,748	36	Other causes.
1889-90 ...	1,87,277	2,268	Floods Rs. 2,186; other causes Rs. 82.
1890-91 ...	2,18,538	13,638	Fallow remissions only.
1891-92 ...	2,12,282	9,824	Do.
1892-93 ...	2,05,527	9,071	Floods Rs. 3,372; fallows Rs. 5,699.
1893-94 ...	2,13,862	7,198	Floods Rs. 521; drought Rs. 48; fallows Rs. 5,784; other causes Rs. 845.
1894-95 ...	1,94,814	15,216	Floods Rs. 6,462; drought Rs. 43; fallows Rs. 8,615; other causes Rs. 66.
1895-96 ...	2,22,814	10,922	Drought Rs. 1,006; fallows Rs. 9,916.
Average ...	2,02,398	7,633	

These figures do not include hakaba, or miscellaneous items of revenue. I have purposely omitted the figures for the year 1886-87, because the settlement was not extended to the whole of the taluka in that year. The year 1890-91 was the fifth year since the settlement of the first portion of the taluka, and was

therefore that in which the fallow rules first came into play. Under these rules, land which has paid no assessment for five years lapses to Government, and the fallow remissions represent the sum of the unpaid assessment of such lands for one year. It will be seen that in 1890-91 Rs. 13,638 were the remissions on this account. In the following year, the fallow period expired for that portion of the taluka which was settled in 1887-88, and this accounts for the heavy fallow remissions in that year.

The settlement was estimated to yield a revenue of not less than Rs. 1,43,742, which estimate was based on the cultivation for the year 1885-86. The revenue has, however, averaged 40 per cent. more than this, and, compared with the collections under the old system, the results are highly satisfactory, the increase being on an average as much as 71 per cent.

Similarly, the area under cultivation has increased rapidly and steadily during the settlement, as will be seen from the next table:—

	Acres.
1887-88 ...	73,115
1888-89 ...	79,436
1889-90 ...	80,912
1890-91 ...	102,018
1891-92 ...	97,686
1892-93 ...	91,580
1893-94 ...	91,225
1894-95 ...	89,682
1895-96 ...	100,255
Average ...	89,912

The area under cultivation in 1890-91 and 1891-92 is swollen by the addition of land on which the fallow assessment was paid. These two years were the fifth year of the settlement for the two separately settled portions of the taluka, and therefore the first years in which the fallow rules came into play. Probably, from fear of the consequences of non-payment, a larger amount of fallow assessment was paid up in these years than in subsequent years, when more experience had been gained of the system. With the exception, therefore, of the year 1894-95, which was a year of disastrous floods, the cultivation has steadily increased year by year. Compared with the average cultivation for the last five years of the pre-settlement period, 67,986 acres, this result shows an increase of 32 per cent.

Measures taken for the introduction of the new Settlement.

13. The figures required for the preparation of this report have been supplied by the Mukhtyarkar's office, where they have been compiled year by year. I have now known the taluka for 2½ years, and have seen practically every part of it, during the course of three cold weather tours. My proposals for the grouping of the taluka were decided on at a conference at which the Head Munshi, who knows the taluka better than the Mukhtyarkar, and two zamindars were present. The rates I am about to propose are the same as those recommended for Tando Bago, but I have not hesitated to discuss them with intelligent zamindars, and I believe that they are considered in the main to be moderate and equitable.

Arable Area.

14. The arable area of the taluka, excluding alienated villages, is 4,25,018 acres, of which about one-third is at present occupied. As noticed in the case of Tando Bago, whilst there has been a large increase in the occupied cultivated land, there has been no corresponding decrease in the proportion between the unoccupied cultivable land and the total cultivable area. The explanation—

and it is a satisfactory one—is that, under the action of the fallow rules, land which has remained uncultivated, without assessment being paid, for five years has been confiscated to Government. The effect of this has been to check the scramble for new land without seriously impeding the spread of cultivation. This is further borne out by the fact that whilst in the first year of the settlement there were 49,234 acres of occupied fallow lands and 75,640 acres of cultivated land, the area under fallows had decreased by some 8,500 acres in the last year, though the cultivation had increased by more than 26,000 acres.

Cultivation under each kind of Irrigation.

15. The average cultivation under each kind of irrigation during the last five years is shown in the following table:—

	Acres.
Gardens	718
Rice under flow	67,938
Other crops under flow (Kharif and Rabi) ..	2,749
Lift aided by flow (Kharif and Rabi) ...	515
Lift (Kharif and Rabi)	5,792
Sailab (Rabi)	5,751
Bosi (Rabi)	6,574
Babul plantations	4,418
Barani (Kharif and Rabi)	367
Total	94,852

These figures include lands on which the fallow assessment was paid. The area of such lands is not large, and the figures could not be separated without consulting all the village records, a course which would have involved an amount of labour out of proportion to the importance of the result to be obtained. The distribution of the water-supply will be easily understood on referring to the coloured map, Appendix II.

Increase or Decrease of Cultivation.

16. There is little to be remarked under this head, except that there has been a steady increase of cultivation under almost every kind of irrigation during the settlement. The following table will show this:—

	1896-97.	1895-96.
Gardens	674	795
Rice	62,293	74,148
Lift (Kharif)	1,393	7,163
Rabi crops	6,571	12,417

The figures are taken from Appendix XIV-A. It should be explained that the figures of the cultivation in the fifth year of the settlement shown in that appendix are delusive, owing to the large payments on account of fallow assessment in that year. This was the first experience of the fallow rules, and the people preferred to pay up rather than lose their uncultivated lands. Subsequent experience taught them not to do so, as they can always take up forfeited numbers, when required, by paying the fallow assessment, and the original holders are always given the refusal of such lands.

The system of twice-cropping appears to be going out of fashion, chiefly, no doubt, owing to the great increase in rabi cultivation.

Crops.

17. The kinds of crops grown and the area under each are shown in Appendix XII. Rice is the staple crop, being 78 per cent. of the total average cultivation. Next come oil-seeds with about 10 per cent., then orchard and garden produce with over 6 per cent., and bajri 4 per cent. Wheat occupies a trifle under 2 per cent. of the total yearly cultivation. No new staples have been introduced. All the rice is under flow; the rabi crops are raised chiefly by artificial inundation, "bosi," which consists in flooding the land previous to sowing, and then turning over the surface to retain the moisture; whilst bajri and garden produce are almost invariably raised by lift.

Prices.

18. The following table exhibits the prices, recorded at the Taluka office, of the staple agricultural products during the last nine years:—

Year.	Bajri.	Rice (White).	Rice (Red).	Cotton (Pods).	Wheat (Red).
1887-88 ...	2 1	2 12	2 8	4 8	2 4
1888-89 ...	2 7	3 1	2 14	4 8	2 4
1889-90 ...	2 10	3 12	3 8	4 8	2 4
1890-91 ...	1 10	2 12	2 4	4 12	2 8
1891-92 ...	1 10	2 12	2 5	4 8	2 8
1892-93 ...	1 10	2 12	2 6	4 8	2 8
1893-94 ...	2 7	2 8	2 6	4 8	2 0
1894-95 ...	2 7	2 5	2 0	4 8	2 8
1895-96 ...	2 8	2 5	2 0	4 8	2 8

The figures represent retail prices per maund. They cannot be quite correct, judging by the divergence between them and the Tando Bago prices. But they are the best I could procure, the local merchants being unable to supply me with any figures at all. The Mukhtyarkar has also given me figures for white wheat, but this is not of local production and has not been shown. The red wheat entered in the table is chiefly for local consumption, and very little is exported. Bajri has risen in price in both Tando Bago and Badin, and apparently also in the Hyderabad Taluka. Rice, on the other hand, has declined considerably. This is, no doubt, due to the enormous output and to the difficulty of exporting it, except during the inundation. Very large stocks are at present being held up, and will be, I fancy, until the Fuleli Canal is opened to boat traffic all the year round, as it is impossible to export all the produce raised within the limited period of five months.

Value of Land.

19. The figures from which the value of land in Badin is to be deducted will be found in Appendices VII to IX. The average price fetched for all kinds of lands, as ascertained from the sales recorded during the last nine years, is Rs. 4-4-0 per acre, whilst the average assessment is Rs. 2-8-0. To arrive, however, at a better approximation to the price realized for ordinary agricultural land, I would eliminate from calculation those sales at which the sale rate per acre was more than ten times the Government assessment. From the very smallness of their number, it is clear that such cases were exceptional. By these means, the price realized is found to be a trifle over Rs. 4 per acre, and the assessment Rs. 2-8-4.

Similarly, with Appendix No. VIII, discarding as exceptional all cases of subletting where the rate per acre exceeds five times the Government assessment, the average consideration works out to be a trifle under Rs. 3-12-0 per acre. But no deduction as to the value of land can, I am afraid, be made from this, for the reason that there is nothing to show for what period the land was leased, and it is not stated whether the sum for which the land was leased is the yearly rental or not.

Turning to Appendix No. IX, and eliminating all mortgages where the rate exceeds ten times the survey assessment, it is found that the mortgage rate per acre is a little over Rs. 3-3. Both this and the rate for lands leased approach the sale rate so closely that one is led to suppose that the latter is probably considerably under the mark. This belief is confirmed by the knowledge that deeds of sale frequently embrace lands which are not the property of the vendor and which he has therefore no right to sell. I allude to the practice of occupants selling their interest in lands which they have relinquished, or which have been confiscated under the fallow rules, or even in Government waste land lying in their frontage. Such an interest is admitted by the Revenue authorities, and is therefore to a certain extent transferable. The extent of land, the vendors' interest in which is thus transferred, is often very large, particularly when the land is Government waste, and the whole area is, of course, shown in the deeds. The consideration, however, for the transfer of this interest is nominal, and in this way, I believe, the sale rate per acre, Rs. 4, which has been arrived at above, is considerably less than the average market value of ordinary agricultural land.

Tenures.

20. The number and size of holdings in the taluka in 1886-87 and 1895-96 are contrasted in the subjoined table :—

	1886-87.	1895-96.
Within 5 acres ...	322	384
Between 5 and 25 acres ...	656	1,003
" 25 and 100 " ...	548	848
" 100 and 500 " ...	248	347
Over 500 " ...	23	16
Total ...	1,797	2,598

The large increase of moderate-sized holdings is a healthy sign. Except in the case of holdings of only a few acres which are cultivated by the occupant and his family, cultivation is always undertaken by tenants-at-will (haris), who provide the seed and take a certain share of the produce at the division (batai). The occupant pays the assessment and clears the water-courses. The respective shares of the occupant and tenant at the division are as follow :—

Rice ...	...	$\frac{1}{2}$
Oil-seeds ...	...	Occupant $\frac{2}{3}$; tenant $\frac{1}{3}$.
Lift cultivation and wheat ...	...	Occupant $\frac{1}{3}$; tenant $\frac{2}{3}$.

No striking improvements of any kind have been made during the settlement, as far as I know. New water-courses have, of course, been dug and much new land broken up. I hope shortly to see an experiment made in bringing "kalar" land under cultivation. I believe it is quite feasible, and, if so, the rice producing area will be enormously added to.

General condition of the cultivating Classes.

21. The statistics obtained from the Sub-Registrar's office disclose the fact that, during the last nine years, nearly 30,000 acres of land have passed by sale from Muhammadans to Hindus, whilst upwards of 1,20,000 acres have been similarly mortgaged.

In Appendix XIII, the area in occupation last year is shown as 1,42,442 acres. One would be led, therefore, to suppose that practically the whole area of holdings in the taluka is at present in the possession, or under the control, of Hindus. As a matter of fact, I do not believe this to be the case. Transactions in respect of the same land must have been recorded over and over again; but even making due allowance for this, the evil which these figures are meant to disclose is clearly proceeding apace, though why the state of affairs in Badin should be so much worse than in Tando Bago it is difficult to say. The Musalman zamindars have every appearance of being well off, though appearances, as well as figures, are deceptive. The evil, I am sure, is not due to the Revenue system, but to the Civil procedure.

Pressure used to collect the Revenue.

22. From Appendix XV. it will be seen that default was made in the payment of revenue in three years only, and that the outstanding amounts were recovered in the following year in each case. During the course of the settlement, the Taluka officials have issued on an average 1,167 notices of demand every year, which is slightly more than half the average number of holdings.

In one case only was a penalty under S. 148 of the Code inflicted. Movable property was distrained under S. 154 in 287 cases, in one of which only was a sale found necessary, the arrears due being paid up in the other cases on distraint.

The pressure used was remarkably light.

Grouping.

23. Under the current settlement, the taluka is divided into four groups of villages, which system I propose to retain. Since the introduction of the settlement, the number of villages has increased by 1, owing to the separation of the Government and jagir portions of the village of Rebhan, the original name being retained for the Government portion, whilst the jagir is now called Phulahdi.

The present Group No. I consists of 36 villages, to which I propose to add 16 more, including Phulahdi, which, having been separated from Rebhan, a first group village, is only a nominal addition. The only real additions are the following 15 villages :—Rip, Khuro Jhalat, Bhano, Pano, Baghiar, Kaimpur, Kerandi, Karabhari, Punhi, Jagat, Patar, Badin, Sonhar, and Ghanghro.

All of these are at present in the second group, and, with the exception of Kaimpur and Kerandi, are all situated on the Mir wah, and therefore possess exceptional facilities for the disposal of produce. They are all within easy reach of Badin, and a reference to Appendix XIV-A will show that the supply of water, as evidenced by the area under flow rice, is ample. They are in no way inferior to the other villages in the group.

The second group will be reduced from 53 to 44 villages. The change is thus accounted for. Fifteen villages are transferred to the first group, leaving 38. To these are added the following six villages from the 3rd group, viz., Dungahadi, Nangra, Jhagri, Pado, Marai and Malki. With the exception of the first named, these villages are all situated on the Ghari Mandhar, the name by which the Mir wah is known below Badin. Dungahadi is clearly, by its close proximity to Badin, entitled to a better place than the 3rd group. The other five have an excellent supply of water, and, being on the banks of a canal that is open to boat traffic for five months, are manifestly deserving of the position now given them. In fact, they are not inferior in water-supply or quality of soil to the first group villages. The only differentiating factor is the distance from markets.

In the 3rd group, it is now proposed to include 46 villages as compared with the existing 44. Of the latter, 6 have been transferred to the 2nd group, and 3 are reduced to the 4th group. These three villages are Mor, Kunar and Kadhan. The reasons for this reduction will be noted when I come to discuss the 4th group. We have thus 35 villages of the old group left, and to these it is now proposed to add the following 11 villages :—Chandahdi, Pandho, Akro Daleji, Jakhri, Amin Narero, Pahori, Jakhralo, Bijora, Chhel and Khalifa.

The first three are raised in class owing to the improvements lately carried out in the Kazia wah, the effect of which has been manifested in the much larger area under cultivation. Daleji, Jakhri, Amin Narero, Jakhralo and Bijora are situated on the Ghari Mandhar, and possess a plentiful supply of water. Pahori is not far from the Ghari Mandhar, and the cultivation has greatly increased last year. I see no reason why this village should be relegated to the 4th group. Chhel is on the Nur wah, and is on a par in every respect with the majority of the villages in the 3rd group. Khalifa has a plentiful water-supply, and the annual cultivation is nearly 800 acres. It is also close to the market of Bahadmi.

The 4th group has been diminished by 11 villages and increased by 3. The net result is a decrease of 8. The group now contains 29 villages as compared with the existing 37.

The only change requiring comment is the reduction of the 3 villages of Mor, Kunar and Kadhan from the 3rd group. The first two now contain no cultivation whatever, and have no water-supply. Mor is by position, also, a 4th group village. Kunar is surrounded by 3rd group villages, but as there has never been any cultivation in it, it is clear that it ought to be differently treated on account of absolute lack of water. Kadhan is by position between the 3rd and 4th groups. There is no water practically in the Raj wah, and the town is in consequence in a very dilapidated condition. It cannot claim to rank as a market any longer. The Irrigation Department have, I believe, held out hopes of some improvement being effected in the Raj wah; but until this is done, the village of Kadhan ought to have the benefit of the lowest rates.

The groups now proposed are well marked. The first consists of all the villages north of Talhar in the apex of the triangle, and of those included between the Guni and Mir wah south as far as Badin, and lastly of those on the west bank of the Mir wah, also as far as Badin. Throughout the group, the supply of water is excellent; the villages are uniform in point of soil, and their situation as regards markets not unequal.

The majority of the second group villages are included between two lines drawn across the taluka, one through Badin and the other through Luwari. Westwards, the group does not extend more than one village from the Ghari Mandhar. There are also a few villages north of Badin, fringing the line of first group villages on the west bank of the Mir wah. The supply of water is in some cases excellent, in others fair, the distance from markets acting as a kind of compensating balance.

The third class consists of about a dozen villages on the extreme west of the taluka and of a compact group in the south-west, irrigated by the Ghari Mandhar, the Nur wah and Kazia wah.

In the 4th group, there is very little cultivation at all. The group embraces the villages adjoining the Rann of Kach, where there is no water, and to the east along the Dhoro Turan villages that consist for the most part of sand. A few villages at the tail of the Ghari Mandhar do contain a little cultivation, but their distance from any market is prohibitive. The population in this group is very sparse. A reference to the coloured map (Appendix I) will explain the grouping more clearly.

Rates.

24. Colonel Anderson, when submitting proposals for the settlement now under revision, suggested that his rates be enhanced by 4 annas per acre all round after three years. This proposal was, however, deprecated by the Collector, and it was apparently never adopted. I cannot, I think, do better than adopt this suggestion now in the case of rice under flow. I would deprecate for the present a larger rise in the rice rate, and at the same time I feel that an enhancement of 4 annas is fully justified. It is also clear that a moderate increase in the rates for rice cultivation will involve a substantial increase in revenue. Rice is the cheapest as well as one of the most profitable crops, and is therefore the one best calculated to stand an enhancement of assessment.

The rate for other crops under flow and lift aided by flow might safely be put up 2 annas.

The garden rate has hitherto been the same as that for rice, which is somewhat of an anomaly. Onions and sugarcane are extraordinarily profitable, and the construction of the Fuleli Escape will provide a supply of water for the gardens along the banks of that canal all the year round. I propose to raise the garden rate by 8 annas, and I do not anticipate that this enhancement will have the slightest adverse effect.

The rates for other kinds of cultivation are in my opinion sufficient. The divergence between the proposed rate for rice and that for lift is not, I think, out of proportion to the cost of cultivation in each case. The rabi crops are a speculation, owing to the fogs and frost, and the present rates should stand.

My recommendations are embodied in the subjoined table:—

	Group I, 50 villages.	Group II, 44 villages.	Group III, 46 villages.	Group IV, 29 villages.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Gardens and sugarcane ...	3 8 0	3 4 0	3 0 0	2 12 0
<i>Kharif.</i>				
Rice under flow ...	3 4 0	3 0 0	2 12 0	2 8 0
Other crops under flow and lift aided by flow ...	2 10 0	2 6 0	2 2 0	1 14 0
Lift ...	1 12 0	1 8 0	1 4 0	1 0 0
<i>Rabi.</i>				
Bosi and sailab ...	2 4 0	2 0 0	1 12 0	1 8 0
Do. aided by lift or flow and perennial lift ...	2 12 0	2 8 0	2 4 0	2 0 0
Babul plantations ...	0 10 0	0 8 0	0 6 0	0 4 0
<i>Barani.</i>				
Kharif ...	1 4 0		1 0 0	
Rabi ...	1 8 0		1 4 0	

These rates are identical with those proposed for the adjoining and exactly similar taluka of Tando Bago.

The rates sanctioned for the talukas of Guni and Jati are shown below. To save figures, the rates of the 1st group only are given:—

	Taluka Guni.	Taluka Jati.
	Rs. a. p.	Rs. a. p.
Gardens ...	4 0 0	3 8 0
<i>Kharif.</i>		
Rice under flow ...	3 8 0	3 4 0
Other flow and lift aided by flow ...	3 0 0	2 12 0
Lift ...	2 4 0	2 4 0
<i>Rabi.</i>		
Sailab ...	3 0 0	2 4 0
Bosi ...	2 12 0	2 12 0
Lift or sailab aided by lift ...	3 8 0	2 12 0
Bosi aided by lift ...	3 4 0	
<i>Barani.</i>		
Kharif ...	1 8 0	1 4 0
Rabi ...	2 0 0	1 8 0
Babul plantations ...	1 0 0	0 12 0

The rates proposed for Badin are practically the same as those now in force in Jati, the only noteworthy difference being in the case of the lift rate, which is 8 annas higher in Jati than in Badin. But it is clear that the Jati rate for lift cultivation is higher in proportion to the other rates than in any of the other talukas under consideration, and there must, therefore, be some special reason for such a high rate.

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TOR Bactin Tolkun,
Hyderabad. 1898

Reference (9) 2485
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26. The assessment on surveyed land, according to the new rates as worked out in Appendix XVI, is found to be Rs. 2,50,878. This includes the allowance for canal clearance, which is, of course, not an item for collection. Under the existing settlement, the gross assessment on surveyed land is Rs. 2,21,784. The increase that will be realized under the revised settlement is Rs. 23,094, or 10 14 per cent.

In the case of a few villages that have been raised in class, the increase is somewhat large, but in no case exceeds 22.28 per cent. The village of Kadhan, which has been reduced from the 3rd to the 4th class, shows a decrease of 15.79 per cent. There is nothing abnormal in these results:

27. A comparison of the average assessment under each head of irrigation with the average rates for the last five years of the current settlement is exhibited in the following table. The average rates are shown in the abstract to Appendix XVI. The average assessment is found by dividing the assessment shown in the same abstract by the area under each kind of irrigation. It is again necessary to remark that the assessment shown in Appendix XVI is the gross assessment, that is to say, the clearance allowance has not been deducted. This was necessary because, otherwise, the revised assessment, from which the clearance allowance cannot be deducted as yet, would have shown an unreal increase:—

Kind of Irrigation.	Average Rate.	Average Assessment.
Gardens	2 10	2 12
<i>Kharif.</i>		
Rice	2 10	2 11
Other flow	2 2	2 1
Lift aided by flow	2 2	2 3
Lift	1 6	1 6
<i>Rabi.</i>		
Bosi	1 14	1 15
Sailab	1 14	1 15
Do aided by lift or flow	2 6	2 3
Lift	2 6	2 2
Flow	2 6	2 5
Babul plantations	0 7	0 6
<i>Barani.</i>		
Kharif	1 2	1 1
Rabi	1 6	1 4

28. There are 15 villages in the taluka shown as unsurveyed. Of these, one is in the 3rd group and the rest are in the 4th.

The rates for cultivation are identical with those in surveyed villages, and I am doubtful whether Appendix XVII was meant to exhibit such villages separately. There are no columns in that appendix for the cultivation and assessment under each head of irrigation. Consequently, the rate per acre cannot be given, and that column has, therefore, been altered to "average assessment per acre." There are three kinds of cultivation in these villages—kharif lift, rabi sailabi, and barani, the rates for all of which are left untouched under the revised settlement.

The only changes, therefore, that will be effected will evidently be due to the re-grouping. The only village to which this cause applies is Kunar, which has been reduced from the 3rd to the 4th class. In the case of this village, the revenue falls from Rs. 91 to Rs. 78, which is a decrease of 14.29 per cent.

The average cultivation in unsurveyed land during the last five years has been 202 acres, and the assessment Rs. 260. Under the revised settlement, the assessment will be Rs. 247, which is an average decrease of 5 per cent.

29. In Appendix XVIII, the gross assessment of surveyed and unsurveyed land under the current and revised settlements is exhibited. The increase is 10·12 per cent.

The revenue for collection under the revised settlement is worked out in the following table :—

	Rs.
Gross assessment as per Appendix XVIII	... 2,51,125
<i>Add—</i>	
Average dubari assessment of last five years	... 510
Total assessment	... 2,51,635
<i>Deduct—</i>	
Canal clearance allowance (average of five years)	... 6,238
Net assessment	... 2,45,397
<i>Deduct—Village Cess</i>	... 14,435
Net Land Revenue Rs.	... 2,30,962

But the cultivation of the last two years, 1895-96 and 1896-97, has made vast strides, so that this result, being based on the average cultivation of five years, is far smaller than what I anticipate. The revenue for 1896-97 will be about 2½ lakhs of rupees.

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I would recommend, therefore, that these rates be introduced from the year 1897-98, and guaranteed for three years.

B. A. BRENDON,
Assistant Collector, Bando.

1	2	3	4	5	6
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GROUP I.

No.	Present group, 36 villages.	No.	Proposed group, 52 villages.
1	Dando.	1	Dando.
2	Bhanki.	2	Bhanki.
3	Perozpur.	3	Perozpur.
4	Jiat.	4	Jiat.
5	Widho Chaunro.	5	Widho Chaunro.
6	Lakhi.	6	Lakhi.
7	Thalhar.	7	Talhar.
8	Seri.	8	Seri.
9	Chaneri.	9	Chaneri.
10	Mughal Hafiz.	10	Bagirki.
11	Kohar.	11	Mughal Hafiz.
12	Bagirki (Jagir).	12	Kohar.
13	Lundki.	13	Patahriun.
14	Sandki.	14	Habachh.
15	Patahriun.	15	Morjhar.
16	Habachh.	16	Sandki.
17	Morjhar.	17	Lundki.
18	Parhiarki.	18	Rip.
19	Chak.	19	Parhiarki.
20	Widh.	20	Chak.
21	Wisarki.	21	Widh.
22	Wasi Sajan (Jagir).	22	Wisarki.
23	Shorki.	23	Wasi Sajan (Jagir).
24	Durmano (Jagir).	24	Shorki.
25	Rojharli.	25	Durmano.
26	Rebhan.	26	Walhar.
27	Dhandi.	27	Khuro.
28	Moro.	28	Jbalar.
29	Khirdahi.	29	Bhitaro.
30	Borahandi.	30	Rebhan.
31	Bhitaro.	31	Rojharli.
32	Walhar.	32	Dhandi.
33	Pano Bakar.	33	Khirdahi.
34	Jhol Khasi.	34	Moro.
35	Moriri.	35	Phulahdi (Jagir).
36	Pano Baid.	36	Bhano.
		37	Pano.
		38	Baghiar.
		39	Borahandi.
		40	Pano Bakar.
		41	Jhol Khasi.
		42	Moriri.
		43	Pano Baid.
		44	Kaimpur.
		45	Kerandi.
		46	Kharabhari.
		47	Panchi.
		48	Janat.
		49	Patar.
		50	Badin.
		51	Sonhar.
		52	Ghanghro.

APPENDIX III—continued.

GROUP II.

No.	Present group, 53 villages.	No.	Proposed group, 44 villages.
1	Pilandi.	1	Pilandi.
2	Durang.	2	Durang.
3	Dedki.	3	Dedki.
4	Nao Abad.	4	Nao Abad.
5	Rip.	5	Patariun.
6	Karabhari.	6	Dhand.
7	Baghiar.	7	Kadi Kazia.
8	Bhano.	8	Surahadi.
9	Khuro.	9	Dungahadi.
10	Jhalar.	10	Chirandi.
11	Patariun.	11	Nangro.
12	Dhand.	12	Jhagri.
13	Pano.	13	Pado.
14	Panchi.	14	Ojhri.
15	Kadi Kazia.	15	Janki.
16	Chirandi.	16	Bakhshah.
17	Sonhar.	17	Marai.
18	Ghanghro.	18	Malki.
19	Sarahadi.	19	Jhurkandi.
20	Janat.	20	Bakhu Kadi.
21	Patar.	21	Kamaro.
22	Badin.	22	Indahlo.
23	Kerandi.	23	Luwari.
24	Bokhi.	24	Chorahlo.
25	Kaimpur.	25	Abri.
26	Chorahlo.	26	Kalhorki.
27	Abri.	27	Chanesri.
28	Ret.	28	Saruro.
29	Chanesri.	29	Udha.
30	Kalhorki.	30	Pano Lundki.
31	Bakhu Khadi.	31	Bokhi.
32	Kamaro.	32	Gujo.
33	Jhurkandi.	33	Markhan.
34	Ojhri.	34	Ret.
35	Bakhshah.	35	Sanjra.
36	Janki.	36	Pahwarki.
37	Luwari.	37	Sialki.
38	Indahlo.	38	Nindo Shahir.
39	Udha.	39	Khalso.
40	Saruro.	40	Pano Mir Khan.
41	Pano Lundki.	41	Angri.
42	Khakhar.	42	Mirzanpur.
43	Bhambhki.	43	Bhambhki.
44	Angri.	44	Khakhar.
45	Pano Mir Khan.		
46	Kalso.		
47	Sanjra.		
48	Markhan.		
49	Pahwarki.		
50	Gujo.		
51	Mirzanpur.		
52	Sialki.		
53	Nindo Shahir.		

APPENDIX III—continued.

GROUP III.

No.	Present group, 44 villages.	No.	Proposed group, 46 villages.
1	Makrah.	1	Makrah.
2	Daphri.	2	Daphri.
3	Wariaso.	3	Wariaso.
4	Bhaneri.	4	Bhaneri.
5	Kand.	5	Kand.
6	Dungahadi.	6	Gatho.
7	Nangro.	7	Morahdi.
8	Marai.	8	Chandahdi.
9	Malki.	9	Bagreji.
10	Pado.	10	Khorhadi.
11	Jhagri.	11	Bandho.
12	Gatho.	12	Akro.
13	Morahdi.	13	Daleji.
14	Bagreji.	14	Jakhri.
15	Khorhadi.	15	Amin Narero.
16	Sirani.	16	Pahori.
17	Tali.	17	Nangar Khet.
18	Shekhpur.	18	Sirani.
19	Guraho.	19	Tali.
20	Rungahadi.	20	Jakhralo.
21	Nangarkhet.	21	Bijora.
22	Makhandi.	22	Makhandi.
23	Gad.	23	Gad.
24	Wahariaro.	24	Guraho.
25	Chaubandi.	25	Shekhpur.
26	Bidahdi.	26	Lao.
27	Majabasri.	27	Rungahadi.
28	Ghurbi.	28	Majabasri.
29	Nareri.	29	Ghurbi.
30	Dengar.	30	Bidahdi.
31	Bahadmi.	31	Chhel.
32	Mor.	32	Nareri.
33	Sanghar.	33	Dengar.
34	Waghu Daho.	34	Chaubandi.
35	Kunar.	35	Khalifa.
36	Lao.	36	Waghu Daho.
37	Gabarlo.	37	Bahadmi.
38	Achh.	38	Wahariaro.
39	Khambhro.	39	Charo.
40	Charo.	40	Siarsisi.
41	Siarsisi.	41	Sanghar.
42	Kadhan.	42	Khambhro.
43	Sutiari.	43	Sutiari.
44	Dasti.	44	Gabarlo.
		45	Achh.
		46	Dasti.

APPENDIX III—continued.
GROUP IV.

No.	Present group, 37 villages.	No.	Proposed group, 29 villages.
1	Chandahdi.	1	Iareri.
2	Bandho.	2	Sando.
3	Akro.	3	Pateji.
4	Daleji.	4	Lunkhan.
5	Jakhri.	5	Chorahdi.
6	Pahori.	6	Wariaro.
7	Amin Narero.	7	Dharan.
8	Jakhralo.	8	Luhan.
9	Bijora.	9	Tat.
10	Lunkhan	10	Babralo.
11	Chorahdi.	11	Khadi.
12	Laceri.	12	Pal.
13	Sando.	13	Marad.
14	Pateji.	14	Kandiari.
15	Wariaro.	15	Siathri.
16	Dharan.	16	Boharki.
17	Tat.	17	Kak.
18	Babralo.	18	Mor.
19	Khadi.	19	Kunar.
20	Pal.	20	Singari.
21	Khalifa.	21	Walhari.
22	Luhan.	22	Pakho Thar.
23	Chhel.	23	Jhanjhili.
24	Marad.	24	Kadhan.
25	Kandiari.	25	Sahta.
26	Siathri.	26	Mithi.
27	Boharki.	27	Padhar.
28	Walhari.	28	Kumbhararo.
29	Singari.	29	Widri.
30	Kak.		
31	Jhanjhili.		
32	Pakho Thar.		
33	Mithi.		
34	Widri.		
35	Kumbhararo.		
36	Padhar.		
37	Sahta.		

	Total.	Government villages.	Jagirs.
1st Group	52	50	2
2nd Group	44	44	...
3rd Group	46	46	...
4th Group	29	29	...
	171	169	2

B. A. BRENDON,
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APPENDIX IV.

Average Rainfall for ten years, 1886-87 to 1895-96, taluka Badin.

Taluka.	Station where Registered.	Months.	Average Rainfall.
			Inches. Cents.
Badin.		1886-87 ... { August 1886 ...	1 20
		{ January 1887 ...	1 0
		{ July 1887 ...	2 62
		Total ...	4 82
		1887-88 ... { August 1887 ...	0 60
		{ January 1888 ...	2 30
		{ February 1888 ...	1 45
		{ July 1888 ...	1 59
		Total ...	5 94
		1888-89 ... { August 1888 ...	3 57
Badin.		{ November 1888 ...	0 5
		{ February 1889 ...	0 3
		{ March 1889 ...	0 40
		{ July 1889 ...	4 94
		Total ...	8 99
		1889-90 ... { August 1889 ...	2 85
		{ June 1890 ...	0 43
		{ July 1890 ...	1 61
		Total ...	4 89
		Total of first 5 years ...	32 41
Badin.		Average of first 5 years ...	6 48
		1890-91 ... { August 1890 ...	1 94
		{ November 1890 ...	1 69
		{ December 1890 ...	2 13
		{ January 1891 ...	0 50
		{ July 1891 ...	1 51
		Total ...	7 77
		1891-92 ... { September 1891 ...	1 83
		{ January 1892 ...	0 68
		{ May 1892 ...	0 42
Badin.		{ July 1892 ...	10 41
		Total ...	13 34
		1892-93 ... { August 1892 ...	1 31
		{ September 1892 ...	0 15
		{ February 1893 ...	0 56
		{ May 1893 ...	0 35
		{ June 1893 ...	2 35
		{ July 1893 ...	2 70
		Total ...	7 42

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APPENDIX IV—continued.

Taluka.	Station where registered.	Months.	Average Rainfall.
			Inches. Cents.
Badin.	Badin.	1893-94 ...	...
		September 1893 ...	0 34
		November 1893 ...	0 20
		December 1893 ...	0 13
		January 1894 ...	0 67
		June 1894 ...	2 83
		July 1894 ...	8 9
		Total ...	12 26
		1894-95 ...	...
		August 1894 ...	0 29
		September 1894 ...	0 33
		October 1894 ...	0 26
		January 1895 ...	0 21
		March 1895 ...	0 12
		June 1895 ...	0 77
		July 1895 ...	4 60
		Total ...	6 58
		1895-96 ...	...
		August 1895 ...	1 91
		January 1896 ...	0 3
		June 1896 ...	5 13
		July 1896 ...	3 3
		Total ...	10 10
		Total of last 5 years ...	49 70
		Average of last 5 years ...	9 94
		Total of 10 years ...	82 11
		Average of 10 years ...	8 21

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APPENDIX V.

Details of Population, 1891.

Taluka.	Caste.	MALES		FEMALES		Total Females.	Total Population.	CAN READ AND WRITE, OR LEARNING.	
		Under 15.	Over 15.	Under 12.	Over 12.			Males per cent.	Females per cent.
Badin.	Hindus	2,721	4,012	6,733	2,156	2,932	5,088	11,821	13
	Muhammadians	14,783	19,170	33,953	11,933	15,732	27,665	61,618	2
	Christians	...	2	2	...	...	...	2	50
	Other castes	107	118	225	107	94	201	426	...
	Total	17,611	23,302	40,913	14,196	18,758	32,954	73,867	65

APPENDIX VI.

Occupation of People.

Taluka.	No. of surveyed villages.	Occupation.	NUMBER.	
			Number.	Per cent.
Badin	171	Agricultural ...	38,966	53
		Partly agricultural ...	1,216	2
		Non-agricultural ...	33,685	45
Total	171	Total	73,867	100

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APPENDIX

Statement showing Sales

Year.	Number of Cases.	Area.
		A. g.
1887	1 to 10 times Government assessment ... 16	845 35
	10 to 20 " " ... 1	2 0
	90 to 100 " " ... 1	1 10
	Total 18	849 5
1888	1 to 10 " " ... 108	8,090 15
	10 to 20 " " ... 3	26 0
	Total 111	8,116 15
1889	1 to 10 " " ... 93	6,969 21
	10 to 20 " " ... 3	11 15
	20 to 30 " " ... 1	1 10
	Total 97	6,982 6
1890	1 to 10 " " ... 109	11,130 37
	10 to 20 " " ... 3	13 27
	50 to 60 " " ... 1	1 0
	390 to 400 " " ... 2	0 4
	Total 115	11,145 28
1891	1 to 10 " " ... 120	7,806 38
	10 to 20 " " ... 3	23 30
	160 to 170 " " ... 1	0 10
	Total 124	7,830 38
1892	1 to 10 " " ... 121	5,085 12
	10 to 20 " " ... 5	31 9
	30 to 40 " " ... 1	13 30
	Total 127	5,130 11
1893	1 to 10 " " ... 153	10,615 19
	10 to 20 " " ... 4	61 35
	30 to 40 " " ... 1	4 8
	Total 158	10,681 22
1894	1 to 10 " " ... 118	11,180 18
	10 to 20 " " ... 2	26 3
	20 to 30 " " ... 2	5 1
	Total 122	11,211 22
1895	1 to 10 " " ... 123	6,460 5
	10 to 20 " " ... 7	92 11
	Total 130	6,552 16
Total for all years ... 1,002		68,500 3

VII.

in the Badin Taluka.

Total sum for which sold.			Sale rate per acre.		Total Assessment.		Average rate per acre.		PASSED FROM THE HANDS OF MUHAMMADANS.	
									Area.	Assessment.
Ra.	a.	p.	Ra.	a.	Ra.	a.	Ra.	a.	A.	g.
3,003	0	0	3	9	2,505	0	2	15	591	26
50	0	0	25	0	4	0	2	4	.....	.....
300	0	0	240	0	3	0	2	12	.....	.....
33,53	0	0	3	15	2,512	0	2	15	391	26
26,228	1	0	3	3	21,618	0	2	10	3,136	38
1,055	0	0	40	9	72	0	2	12	.....	.....
27,283	0	0	3	6	21,690	0	2	11	3,136	38
22,778	2	0	3	3	18,259	0	2	10	1,099	19
340	0	0	31	0	24	0	2	4	.....	.....
75	0	0	60	0	3	0	2	8	1	10
23,193	2	0	3	5	18,286	0	2	10	1,100	29
37,078	8	0	2	7	29,139	0	2	10	6,333	30
354	0	0	27	3	31	0	2	5	10	27
160	0	0	160	0	3	0	3	0	1	0
1-0	0	0	1,000	0	0	4	2	12	0	2
37,692	8	0	3	6	29,173	4	2	10	6,345	19
40,526	0	0	5	3	20,797	0	2	11	3,711	24
1,000	0	0	41	11	60	0	2	8	3	10
165	0	0	660	0	1	0	3	0	0	10
41,691	0	0	5	5	20,858	0	2	9	3,715	4
33,663	13	0	6	10	13,003	8	2	9	1,849	19
1,386	0	0	44	11	85	0	2	12	8	32
1,400	0	0	100	0	41	0	3	0	13	30
36,449	13	0	7	3	13,129	8	2	9	1,872	1
55,357	11	0	5	4	22,332	0	2	2	4,315	4
2,232	0	0	36	1	145	0	2	4	...	...
320	0	0	75	5	10	0	2	8	...	...
57,909	11	0	5	4	22,487	0	2	2	4,315	4
29,482	0	0	2	10	27,950	0	2	8	5,880	21
800	0	0	30	12	58	8	2	4	13	30
300	0	0	60	0	12	8	2	8	3	14
30,582	0	0	2	10	28,021	0	2	7	5,897	25
28,233	8	0	4	6	16,150	0	2	8	2,996	12
3,035	0	0	32	10	208	0	2	4	60	11
31,268	8	0	4	12	16,358	0	2	6	3,056	23
2,89,422	10	0	4	4	1,72,514	12	2	8	29,831	9
									</	

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APPENDIX VIII.

Abstract of Statement of Sub-letting in the Badin Taluka.

Years.	Number of Cases.	Number of acres sub-let.	Sum for which sub-let.	Rate per acre.	Total Assessment.	Average rate of Assessment per acre.
		A. g.	Rs. a. p.	Rs. a.	Rs. a.	Rs. a.
1887	1 to 5 times Government assessment ... 6	754 10	4,140 0 0	5 8	2,021 0	2 11
1888	1 to 5 " " ... 21	3,798 6	4,205 8 0	1 2	10,212 0	2 11
	6 to 10 " " ... 2	87 20	1,414 0 0	16 4	234 0	2 10
	15 to 20 " " ... 1	15 0	500 0 0	27 12	49 0	2 12
	Total ... 24	3,903 26	6,119 8 0	1 9	10,495 0	2 11
1889	1 to 5 " " ... 30	8,637 16	36,621 8 0	4 0	24,661 0	2 14
	6 to 10 " " ... 3	32 10	650 0 0	20 5	87 0	2 11
	Total ... 33	8,669 26	37,271 8 0	4 5	2,474 8	2 14
1890	1 to 5 " " ... 22	4,751 26	1,7061 4 0	3 9	13,156 0	2 12
1891	1 to 5 " " ... 26	15,901 19	39,026 12 0	2 7	44,530 0	2 13
	6 to 10 " " ... 1	250 0	4,000 0 0	16 0	750 0	3 0
	Total ... 27	16,151 19	43,026 12 0	2 10	45,280 0	2 13
1892	1 to 5 " " ... 31	4,267 25	13,074 0 0	3 1	11,275 0	2 10
	6 to 10 " " ... 1	21 37	500 0 0	15 10	87 0	2 12
	20 to 25 " " ... 1	3 24	250 0 3	62 8	11 0	3 0
	130 to 135 " " ... 1	1 2	400 0 0	380 15	3 0	2 12
	Total ... 34	4,304 8	14,224 0	3 5	11,376 0	2 10
1893	1 to 5 " " ... 30	2,176 10	1,518 14 10	0 11	4,517 13	2 1
	6 to 10 " " ... 6	1,179 1	280 0 0	0 4	2,369 11	2 0
	16 to 20 " " ... 1	250 0	33 5 4	0 2	531 4	2 2
	36 to 40 " " ... 1	400 0	13 1 7	0 1	950 0	2 6
	Total ... 38	4,005 11	1,845 5 9	0 7	8,368 12	2 2
1894	1 to 5 " " ... 23	10,048 3	65,306 0 0	6 8	26,376 0	2 10
	6 to 10 " " ... 2	23 29	380 0 0	16 8	57 8	2 8
	25 " " ... 25	10,071 32	65,686 0 0	6 8	26,433 8	2 9
1895	1 to 5 " " ... 21	3,763 10	20,926 0 0	5 8	9,408 2	2 8
	TOTAL FOR ALL YEARS ... 230	56,375 8	2,10,300 5 9	3 12	1,51,286 6	2 12

Note.—In all cases, assessment is to be paid by the lessee.

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APPENDIX IX.

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APPENDIX

Statement showing Mortgages

Year.	Number of Cases.	Total number of acres.	Sum for which mortgaged.
		A. g.	Rs. a. p.
1887	1 to 10 times Survey assessment ... 7	1,056 25	3,750 0 0
1888	1 to 10 " " ... 84	13,351 0	34,304 0 0
	11 to 25 " " ... 2	15 0	953 0 0
	26 to 50 " " ... 2	2 20	236 0 0
	Total ... 88	13,368 20	35,493 0 0
1889	1 to 10 " " ... 95	41,784 0	55,022 8 0
1890	1 to 10 " " ... 123	19,687 25	1,02,196 12 0
	11 to 25 " " ... 3	31 30	1,285 0 0
	Total ... 126	19,719 15	1,03,481 12 0
1891	1 to 10 " " ... 118	19,191 6	59,247 12 0
	11 to 25 " " ... 1	3 20	85 0 0
	Total ... 119	19,194 26	59,332 12 0
1892	1 to 10 " " ... 101	11,762 26	41,178 4 11
	11 to 25 " " ... 3	33 14	1,700 0 0
	Total ... 104	11,796 0	42,878 4 11
1893	1 to 10 " " ... 80	7,112 15	38,763 4 0
	11 to 25 " " ... 4	60 13	2,052 0 0
	26 to 50 " " ... 2	11 24	890 0 0
	Total ... 86	7,184 12	41,705 4 0
1894	1 to 10 " " ... 75	8,020 12	32,502 8 0
	120 to 130 " " ... 1	0 18	190 0 0
	Total ... 76	8,020 30	32,692 8 0
1895	1 to 10 " " ... 84	6,302 33	41,944 4 0
TOTAL FOR ALL YEARS ... 785		128,427 1	4,16,300 4 11

IX.

in the Badin Taluka.

Mortgage rate per acre.	Total Assessment.	Average rate of Assessment per acre.	REMARKS.			
			PASSED FROM MUHAMMADANS TO HINDUS			
			With possession.		Without possession.	
Rs. a.	Rs. a.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.
3 1	2,955 0	2 13	116 20	316 0	940 0	2,639 0
2 9	37,378 0	2 12	6,635 20	17,594 0	5,167 23	11,838 8
50 10	45 0	3 0	...	...	5 0	15 0
94 6	6 8	2 10	...	...	1 20	4 0
2 10	37,429 8	2 13	6,635 20	17,594 0	5,174 3	11,857 8
1 5	1,22,642 0	2 13	33,171 7	97,379 0	6,253 18	16,957 0
5 3	53,724 0	2 12	10,325 12	29,833 0	6,573 36	16,296 0
40 3	93 0	3 0	18 0	52 0	13 30	41 0
5 3	53,817 0	2 11	10,343 12	29,885 0	6,587 26	16,337 0
3 1	54,735 0	2 14	6,376 19	16,531 0	11,593 1	31,970 0
24 4	8 0	2 4	3 20	8 0	...	...
3 2	54,743 0	2 13	6,379 39	16,539 0	11,593 1	31,970 0
3 8	32,748 0	2 14	10,247 2	28,507 0	1,238 24	30,607 0
51 8	91 0	2 12	33 14	91 0	...	...
3 10	32,839 0	2 12	10,280 16	28,598 0	1,238 24	30,607 0
5 7	14,841 0	2 1	2,006 13	4,041 0	4,997 37	10,555 0
34 3	129 0	2 2	...	...	37 13	75 0
80 14	23 0	2 0	...	...	11 24	23 0
5 13	14,993 0	2 1	2,006 13	4,041 0	5,046 34	10,653 0
33 0	2,052 2	5 8	2,119 39	5,300 0	5,714 21	14,287 2
422 0	1 8	3 0	0 18	1 8	...	...
4 1	2,053 10	0 4	2,120 17	5,301 8	5,714 21	14,287 2
6 10	19,908 0	3 0	2,084 16	5,731 0	3,587 15	9,864 4
3 4	3,41,380 2	2 11	73,138 0	2,05,334 8	46,137 22	1,45,171 14

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APPENDIX X.

Statement of Agricultural stock in the Badin Taluka.

Year.	Bullocks.	Cows.	Buffaloes.	Camels.	Horses and Ponies.	Donkeys.	Mules.	Sheep and Goats.
1892-93	20,483	22,891	8,927	3,263	2,975	1,966	3	21,573
1893-94	21,845	24,0795	9,197	2,466	2,963	2,056	3	21,799
1894-95	22,211	24,144	8,891	2,923	2,853	1,828	1	20,194
1895-96	23,573	24,913	8,938	3,409	2,957	1,892	2	20,339

APPENDIX XI.

Statement showing Wells in the Badin Taluka.

Year.	Number of Villages.	Number of Wells used for drinking.	Number of Wells used for irrigation.	Total.	Area of Cultivation under Wells.	Cultivation on Canals and aided by Wells.
						A. g.
1886-87	3	1	3	4	...	9 20
1887-88	3	1	3	4	...	9 20
1888-89	3	1	3	4	...	9 20
1889-90	9	11	3	14	...	9 20
1890-91	10	12	4	16	...	13 5
1891-92	14	15	5	20	...	15 0
1892-93	15	17	5	22	...	15 0
1893-94	15	17	5	22	...	15 0
1894-95	15	17	5	22	...	15 0
1895-96	15	19	4	23	...	12 35

APPENDIX XII.

Statement of Crops in the Badin Taluka (average of five years from 1891-92 to 1895-96).

Crops.	YEARLY CULTIVATED AREA.					Total.	Average.	Percentage.
	1891-92.	1892-93.	1893-94.	1894-95.	1895-96.			
	Acrea.	Acrea.	Acrea.	Acrea.	Acrea.	Acrea.	Acrea.	
Juar	591	781	314	205	86	1,977	395	445
Bajri	3,802	6,844	3,930	3,976	2,081	20,633	4,127	4,645
Rice	63,888	60,942	65,317	64,256	71,633	326,036	65,207	73,404
Wheat	1,915	2,734	1,727	1,381	652	8,409	1,682	1,893
Barley	1,396	1,596	607	390	207	4,196	839	945
Other Cereal crops	130	90	120	45	38	423	84	995
Pulses	1,258	946	378	454	927	3,963	793	892
Orchard and Garden produce.	5,923	6,352	6,239	6,061	5,816	30,382	6,077	6,840
Tobacco	85	22	36	15	22	180	36	041
Indian Hemp and Narcotics.	...	...	...	...	...	...	...	...
Condiments and Spices	31	53	67	35	38	224	45	050
Starches	...	...	...	...	...	...	...	...
Sugarcane	237	293	293	270	244	1,338	268	301
Sesame or Gingelly Seed	213	293	335	390	126	1,397	280	315
Jamboo	11,022	6,956	11,041	5,009	9,469	43,527	8,705	9,800
Rapeseed	29	62	366	122	79	658	132	148
Other Oilseeds	...	...	...	...	...	...	...	...
Indigo	...	...	...	...	...	...	...	...
Other Dyes	1	1	1	1	1	5	1	001
Cotton	213	135	187	217	52	805	161	181
Other Fibres	6	3	6	2	1	18	3	004
Miscellaneous	...	...	...	...	...	...	...	...
Total	90,770	88,133	90,955	82,829	91,482	444,169	88,835	100

B. A. BRENDON,
Assistant Collector, Tando.

APPENDIX XIII.

Statement showing arable Government land in the surveyed villages of the Badin Taluka for the first, fifth and tenth years (ninth year in the case of 51 villages) of the current settlement.

No.	Name of village.	Year.	Total area.	Uncultivable waste.	Cultivable land.	Unoccupied.	OCCUPIED.		Percentage of unoccupied cultivable land to cultivable area.
							Cultivated.	Fallow.	
			A. g.	A. g.	A. g.	A. g.	A. g.	A. g.	
<i>1st Group.</i>									
1	Lakhi	1st year 1886-87	909 31	255 25	654 9	66 20	431 8	153 21	10.24
		5th " 1890-91	999 15	269 20	732 35	86 23	574 34	71 18	11.86
		10th " 1895-96	1,000 21	266 8	734 13	136 10	512 27	85 16	18.53
2	Bhanki	1st year 1886-87	1,208 12	243 10	965 2	110 22	739 27	114 33	11.75
		5th " 1890-91	1,208 12	243 10	965 2	115 33	698 13	150 36	12.0
		10th " 1895-96	1,208 12	243 10	965 2	179 34	489 19	295 29	18.65
3	Dando	1st year 1886-87	1,556 38	263 29	1,393 9	84 26	901 36	406 27	6.08
		5th " 1890-91	1,557 23	256 19	1,401 4	84 26	1,136 27	179 31	6.08
		10th " 1895-96	1,557 28	256 19	1,401 9	194 14	671 25	535 10	13.85
4	Perozpur	1st year 1886-87	2,361 39	501 22	1,860 17	2 25	1,506 14	351 18	15
		5th " 1890-91	2,361 39	510 16	1,851 23	2 25	1,624 18	224 20	15
		10th " 1895-96	2,361 39	510 16	1,851 23	58 20	1,588 33	204 10	3.20
5	Jiat	1st year 1886-87	1,671 39	431 33	1,240 6	189 28	846 14	204 4	8.73
		5th " 1890-91	1,671 39	429 23	1,242 16	157 33	946 23	137 35	7.25
		10th " 1895-96	1,671 35	442 27	1,229 8	163 26	878 30	186 32	13.35
6	Widho Chandro.	1st year 1886-87	1,432 24	200 4	1,232 20	148 33	834 0	249 27	12.08
		5th " 1890-91	1,433 14	200 7	1,233 7	149 20	1,004 30	78 37	12.1
		10th " 1895-96	1,433 14	200 17	1,232 37	216 1	804 34	212 2	17.5
7	Habachh	1st year 1886-87	1,489 19	247 6	1,242 13	269 19	639 31	340 3	21.13
		5th " 1890-91	1,489 19	247 28	1,241 31	427 0	614 27	170 4	34.4
		10th " 1895-96	1,489 19	247 28	1,241 31	500 0	579 23	162 8	40.25
8	Morjhar	1st year 1886-87	2,026 39	596 33	1,430 6	146 18	543 27	740 1	9.05
		5th " 1890-91	2,027 5	555 16	1,471 29	378 1	832 31	260 37	22.83
		10th " 1895-96	2,027 5	555 16	1,471 29	399 14	879 6	193 9	27.08
9	Talhar	1st year 1886-87	1,485 20	526 31	958 29	71 2	745 11	142 16	7.28
		5th " 1890-91	1,485 20	513 11	972 9	77 1	838 12	56 36	7.9
		10th " 1895-96	1,485 20	500 0	985 20	80 12	771 15	133 33	8.13
10	Seri	1st year 1886-87	1,944 20	220 1	1,724 19	562 2	761 35	400 22	25.85
		5th " 1890-91	1,942 36	224 21	1,718 15	553 39	885 22	278 34	25.53
		10th " 1895-96	1,942 36	221 11	1,721 25	650 13	773 8	298 4	37.75
11	Patahriun	1st year 1886-87	1,391 3	639 19	751 24	8 2	548 25	194 37	65
		5th " 1890-91	1,395 27	618 5	777 22	65 3	608 1	104 18	5.23
		10th " 1895-96	1,395 27	618 5	777 22	95 0	576 9	106 13	12.2
12	Bagirki	1st year 1886-87	Alienated in this year.			27 39	27 39	...	...
		5th " 1890-91	27 39	...	...	...	...	...	...
		10th " 1895-96	1,103 37	546 30	557 7	...	135 24	421 23	...
13	Sandki	1st year 1886-87	1,051 0	607 14	443 26	69 23	242 6	131 37	4.38
		5th " 1890-91	1,621 39	694 3	927 36	194 2	681 38	51 36	13.28
		10th " 1895-96	1,947 24	727 32	1,219 32	204 2	788 23	227 7	16.08
14	Lundki	1st year 1886-87	1,685 28	706 27	979 1	18 21	735 10	225 10	1.65
		5th " 1890-91	1,685 28	706 27	979 1	22 21	738 34	217 26	2
		10th " 1895-96	1,685 28	706 5	979 23	99 35	667 33	211 35	10.2
15	Parhiarki	1st year 1886-87	2,617 26	285 32	2,331 34	1,180 2	715 21	436 11	47.35
		5th " 1890-91	2,613 20	283 12	2,330 8	1,071 36	1,072 15	175 37	43.2
		10th " 1895-96	2,674 21	298 34	2,375 27	1,045 17	853 19	476 31	44.0
16	Chaneri	1st year 1886-87	1,457 23	487 12	970 11	195 25	671 26	103 0	14.05
		5th " 1890-91	1,457 23	480 37	976 26	198 25	699 31	83 10	13.85
		10th " 1895-96	1,680 25	578 31	1,101 34	234 31	729 32	137 11	21.23
17	Kohar	1st year 1886-87	900 22	89 14	811 8	450 27	331 11	29 10	34.13
		5th " 1890-91	900 22	89 14	811 8	449 17	343 7	18 24	34.15
		10th " 1895-96	1,406 39	333 14	1,073 25	455 29	414 21	203 24	42.18
18	Mughal flz.	1st year 1886-87	2,548 29	611 14	1,937 15	124 2	1,010 23	802 30	6.25
		5th " 1890-91	2,558 13	604 8	1,954 5	146 26	1,655 12	152 7	7.35
		10th " 1895-96	2,590 27	605 10	1,985 17	233 27	1,068 5	683 25	11.8
19	Chak	1st year 1886-87	2,131 27	1,328 0	803 27	45 26	559 12	198 29	4.18
		5th " 1890-91	2,131 27	1,177 39	953 28	145 31	517 19	290 18	11.7
		10th " 1895-96	2,157 25	1,185 9	972 16	147 13	632 8	192 35	15.33

No.	Name of village.	Year.	Total area.	Uncultivable waste.	Cultivable land.	Unoccupied.	Occupied.		Percentage of unoccupied cultivable land to cultivable area.	
							Cultivated.	Fallow.		
1st Group—contd.										
			A. g.	A. g.	A. g.	A. g.	A. g.	A. g.		
20	Widh	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,379 18 1,366 22 1,444 1	{ 202 7 202 2 201 13	{ 1,177 11 1,164 20 1,242 28	{ 221 17 191 1 201 2	{ 677 27 868 3 784 3	{ 278 7 105 16 257 23	{ 15.85 13.0 9.4	
21	Wisarki	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,466 2 1,463 2 1,468 2	{ 466 11 464 27 464 27	{ 999 31 1,001 15 1,001 15	{ 198 7 213 12 246 6	{ 682 26 642 19 665 1	{ 118 38 145 24 90 8	{ 19.63 21.05 24.28	
22	Durmano	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 3,116 7 3,116 7 3,116 7	Alienated in this year. 770 10 2,345 37 770 10 2,345 37		{ 410 26 551 31 551 31	{ 1,527 29 1,047 5 1,047 5	{ 407 22 747 1 747 1	{ 15.35 23.63 23.63	
23	Rojhari	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 370 11 370 11 370 11	{ 106 3 106 3 106 3	{ 264 8 264 8 264 8	{ 10 7 30 7 66 35	{ 89 2 209 20 151 4	{ 165 30 25 21 46 9	{ 7.5 2.3 15.63	
24	Shorki	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 23 14 23 14 23 14	{ 6 30 6 30 6 30	{ 16 24 16 24 16 24		{ 16 24 16 24 16 24			
25	Walhar	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,737 20 1,737 20 1,819 1	{ 1,028 26 824 23 827 31	{ 708 34 912 37 1,021 10	{ 21 6 56 23 173 35	{ 481 11 616 23 649 32	{ 206 17 209 31 197 23	{ 1.9 4.3 17.05	
26	Bhitari	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,586 39 1,586 39 1,586 39	{ 684 27 609 7 608 27	{ 962 12 977 32 978 12	{ 149 0 88 55 120 32	{ 442 1 722 21 825 32	{ 311 11 166 16 31 28	{ 16.53 9.13 12.28	
27	Borahandi	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,793 28 1,793 28 1,793 4	{ 173 18 187 26 187 26	{ 1,620 10 1,507 13 1,607 18	{ 855 28 730 22 771 14	{ 402 38 673 35 730 13	{ 361 24 253 1 195 31	{ 59.78 43.55 47.56	
28	Rebhan	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 24 15 24 15 24 15	{ 1 39 1 39 1 39	{ 22 16 22 16 22 16		{ 10 20 22 16 13 25	{ 11 36	{ 33	
29	Moro	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,615 32 1,615 32 1,615 32	{ 231 16 231 16 231 16	{ 1,384 16 1,384 16 1,384 16	{ 181 24 181 24 302 16	{ 756 18 916 10 743 17	{ 456 14 286 22 338 23	{ 13.1 13.1 21.8	
30	Dhandi	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,218 33 1,218 33 1,218 33	{ 433 32 433 32 422 18	{ 785 1 757 1 796 15	{ 14 9 14 9 52 27	{ 533 36 655 21 625 36	{ 226 26 87 11 117 32	{ 1.8 4.3 6.55	
31	Khirdahi	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 531 32 1,910 3 1,611 31	{ 187 25 492 2 474 13	{ 344 7 1,318 1 1,237 18	{ 92 12 87 31 128 25	{ 183 19 821 8 680 6	{ 68 16 499 2 528 27	{ 5.08 5.88 9.65	
32	Pano Bakar.	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 712 7 712 7 711 35	{ 297 29 244 9 250 16	{ 414 18 467 38 481 19	{ 25 20 11 25 42 38	{ 164 26 356 38 325 30	{ 224 12 59 15 112 31	{ 3.03 1.25 9.98	
33	Jhol Khast.	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,578 26 1,578 26 1,578 14	{ 612 33 606 23 574 28	{ 665 28 872 0 1,003 26	{ 16 20 16 20 81 4	{ 821 36 843 34 630 31	{ 127 12 111 26 291 31	{ 1.3 1.25 8.8	
34	Moriri	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 511 32 511 32 511 32	{ 113 24 113 22 114 23	{ 308 8 298 10 397 9	{ 150 9 150 9 184 32	{ 183 2 158 14 135 23	{ 64 37 89 27 76 29	{ 13.7 13.7 49.13	
35	Pano Baid	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 814 3 814 3 810 22	{ 156 39 156 39 160 18	{ 657 4 657 4 650 4	{ 179 9 155 32 155 17	{ 368 32 450 31 417 14	{ 109 3 50 21 77 13	{ 16.23 14.13 24	
Total of 1st Group.			{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 45,336 34 50,418 10 52,856 15	{ 12,946 10 13,561 29 14,427 20	{ 32,390 24 36,856 21 38,428 35	{ 5,852 11 6,631 3 8,182 34	{ 18,581 15 25,133 19 22,238 15	{ 7,956 38 5,091 39 7,987 24	{ 18.08 18 21.3
2nd Group.										
36	Pilandi	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,448 22 1,448 22 1,448 22	{ 82 31 84 0 84 0	{ 1,365 31 1,364 22 1,364 22	{ 214 0 217 22 365 15	{ 197 1 705 3 328 15	{ 954 30 441 37 670 32	{ 15.68 15.9 26.73	
37	Durang	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,776 34 1,777 27 1,777 27	{ 119 28 120 13 129 23	{ 1,657 6 1,657 14 1,648 4	{ 663 5 780 11 499 6	{ 138 26 436 3 785 4	{ 855 15 441 0 363 34	{ 42.63 47.05 30.15	
38	Dedki	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 2,471 39 2,472 1 2,472 1	{ 122 2 13 26 130 28	{ 2,349 37 2,348 15 2,341 13	{ 1,157 31 1,312 6 1,283 28	{ 471 18 761 20 593 4	{ 720 28 273 29 464 21	{ 49.28 55.9 54.9	

No.	Name of village.	Year.	Total area.	Uncultivable waste.	Cultivable land.	Unoccupied.	Occupied.		Percentage of unoccupied cultivable land to cultivable area.
							Cultivated.	Fallow.	
2nd Group—contd.									
			A. g.	A. g.	A. g.	A. g.	A. g.	A. g.	
39	Nao Abad	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,919 10 1,919 10 1,919 10	{ 161 17 161 17 160 0	{ 1,757 33 1,757 33 1,759 10	{ 319 38 319 38 426 7	{ 708 33 1,377 2 977 34	{ 729 2 60 33 355 9	{ 18.2 18.2 24.23
40	Rip	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 2,205 28 2,205 28 2,205 28	{ 1,049 24 894 1 676 29	{ 1,156 4 1,311 27 1,328 39	{ 47 37 47 37 159 20	{ 668 8 1,114 17 1,000 37	{ 439 39 149 18 168 22	{ 4.15 4.15 12.05
41	Khuro	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 2,055 39 2,055 39 2,055 39	{ 178 27 174 23 174 25	{ 1,877 12 1,881 16 1,881 14	{ 883 11 794 19 1,103 1	{ 516 19 713 15 563 2	{ 477 22 373 22 215 11	{ 47.03 42.23 12.93
42	Patariun	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 2,097 11 2,097 11 2,097 10	{ 86 18 86 18 86 18	{ 1,920 33 1,920 33 1,920 32	{ 1,193 30 1,193 30 1,323 3	{ 164 16 631 16 445 29	{ 562 27 95 27 152 0	{ 62.13 62.13 68.88
43	Jhalari	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,557 14 1,557 14 1,561 17	{ 114 21 126 28 128 29	{ 1,742 33 1,730 26 1,732 28	{ 888 20 535 39 701 21	{ 536 24 996 39 747 28	{ 317 29 197 28 283 19	{ 51.65 30.97 4.49
44	Dhand	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,928 15 1,928 18 1,928 18	{ 301 3 289 8 283 2	{ 1,527 15 1,529 10 1,535 16	{ 1,190 21 1,192 16 1,237 27	{ 161 31 330 38 292 7	{ 175 8 5 36 5 22	{ 78.68 77.28 80.66
45	Pano	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 2,500 34 2,500 34 2,500 31	{ 252 34 253 18 263 34	{ 2,348 0 2,345 21 2,329 37	{ 1,607 31 776 34 617 24	{ 466 6 1,370 28 682 24	{ 274 3 197 39 829 29	{ 69.43 33.08 35.1
46	Kadi Kazia	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,937 4 1,937 4 1,937 4	{ 122 33 122 33 349 23	{ 1,834 11 1,834 11 1,607 21	{ 678 12 645 12 844 10	{ 780 38 659 18 574 25	{ 425 1 509 21 383 25	{ 36.98 36.25 52.5
47	Bhano	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,745 31 1,745 31 1,745 31	{ 538 14 697 39 601 39	{ 1,152 17 1,137 32 1,143 32	{ 478 5 318 18 315 10	{ 898 31 713 8 705 16	{ 275 21 106 6 123 7	{ 42.85 27.95 27.59
48	Panchi	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,973 33 1,973 33 1,973 33	{ 718 29 1,255 4 669 29	{ 1,255 4 1,304 13 1,304 13	{ 392 6 464 14 464 14	{ 645 2 732 0 732 0	{ 187 36 107 39 107 39	{ 30.43 35.58 35.58
49	Bighar	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,777 37 1,777 37 1,777 37	{ 949 21 671 1 652 35	{ 828 16 1,122 22 1,225 26	{ 194 10 193 33 254 34	{ 372 34 835 39 690 25	{ 257 12 92 30 370 7	{ 22.18 16.28 2.8
50	Karabhari	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,938 21 1,938 21 1,938 21	{ 153 20 162 24 467 31	{ 1,804 24 1,295 20 2,052 19	{ 589 26 469 24 560 19	{ 461 24 713 8 969 10	{ 253 14 112 33 532 30	{ 24.88 19.08 37.28
51	Janat	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,227 36 1,227 36 1,227 36	{ 596 22 570 19 542 2	{ 631 14 657 17 635 34		{ 404 16 433 23 421 18	{ 226 38 223 28 197 7	{ 75.08
52	Patar	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 2,092 16 2,092 16 2,092 17	{ 330 18 330 14 330 14	{ 1,672 2 1,672 2 1,672 2	{ 292 20 273 29 497 23	{ 897 33 995 23 1,115 35	{ 481 25 402 30 58 20	{ 17.45 16.35 29.6
53	Kaimpur	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,830 16 2,112 14 2,112 14	{ 251 13 275 21 275 39	{ 1,579 3 1,836 33 1,836 15	{ 252 7 218 18 592 26	{ 811 37 1,150 0 875 32	{ 514 39 468 16 567 37	{ 18.55 11.86 21.38
54	Kerandi	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 2,019 7 2,019 7 2,033 0	{ 761 20 601 16 601 36	{ 1,257 27 1,417 31 1,431 4	{ 103 8 257 17 211 4	{ 750 2 940 34 855 34	{ 404 17 219 20 364 6	{ 8.03 17.8 14.75
55	Sonhar	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,127 22 1,127 22 1,127 22	{ 339 39 338 28 341 39	{ 787 32 788 34 785 23	{ 337 7 168 33 257 8	{ 249 34 432 6 412 23	{ 200 31 187 35 115 32	{ 42.65 21.28 32.4
56	Badin	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 2,135 16 2,136 16 2,136 16	{ 313 39 313 39 313 18	{ 1,822 17 1,822 17 1,822 38	{ 672 31 731 29 849 1	{ 622 29 673 28 729 35	{ 526 37 417 0 244 2	{ 36.88 40.1 46.55
57	Jhurkandi	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,447 12 1,447 12 1,447 12	{ 102 16 102 29 116 33	{ 1,344 36 1,344 23 1,330 19	{ 519 38 419 15 423 7	{ 330 25 762 16 470 19	{ 162 32 182 32 436 33	{ 31.8 31.8 31.8
58	Chorahlo	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,140 32 1,143 5 1,141 4	{ 150 8 120 8 154 0	{ 1,010 24 1,012 37 987 4	{ 116 37 28 6 131 11	{ 311 28 621 2 429 28	{ 581 39 363 29 426 5	{ 11.5 2.78 13.05
59	Abri	{ 1st year 1886-87 5th " 1890-91 10th " 1895-96	{ 1,974 21 2,033 12 2,033 12	{ 257 25 260 2 260 2	{ 1,716 36 2,033 12 1,773 10	{ 209 34 209 34 344 22	{ 1,183 6 804 27 1,038 8	{ 323 36 758 29 340 20	{ 11.78 11.78 19.2

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No.	Name of village.	Year.	Total area.	Uncultivable waste.	Cultivable land.	Unoccupied.	OCCUPIED.		Percentage of unoccupied cultivable land to cultivable area.
							Cultivated.	Fallow.	
2nd Group—contd.									
			A. g.	A. g.	A. g.	A. g.	A. g.	A. g.	
60	Bokhi	1st year 1886-87	1,095 23	194 33	900 20	158 1	563 40	179 19	10.25
		5th " 1890-91	1,503 21	229 25	1,273 36	184 20	914 5	175 11	12.23
		10th " 1895-96	1,503 21	230 0	1,273 21	270 33	811 6	191 22	21.25
61	Kalkhorki	1st year 1886-87	2,137 18	243 38	1,893 20	475 25	1,061 39	355 36	25.2
		5th " 1890-91	2,137 18	243 38	1,893 20	475 25	324 4	1,093 31	25.2
		10th " 1895-96	2,137 18	236 5	1,901 13	606 13	705 27	589 19	31.88
62	Ret	1st year 1886-87	2,031 27	706 4	1,325 23	127 4	869 28	328 30	9.58
		5th " 1890-91	2,031 27	665 14	1,366 13	120 9	1,034 28	211 16	8.78
		10th " 1895-96	2,031 27	657 21	1,364 6	325 12	716 25	322 9	23.83
63	Sarabadi	1st year 1886-87	1,510 8	66 30	1,443 18	1,085 1	150 21	227 36	75.18
		5th " 1890-91	1,510 8	67 5	1,443 3	1,065 4	236 9	141 30	73.75
		10th " 1895-96	1,510 8	67 12	1,442 36	1,027 17	185 37	229 22	71.13
64	Ghanghro	1st year 1886-87	2,188 32	154 14	2,034 18	981 21	481 16	571 21	48.23
		5th " 1890-91	2,189 2	160 18	2,028 21	567 4	1,202 9	259 11	27.95
		10th " 1895-96	2,192 4	181 22	2,010 12	724 27	930 14	355 11	36.03
65	Chirandi	1st year 1886-87	1,607 13	115 20	1,491 33	472 7	585 26	434 0	31.65
		5th " 1890-91	1,607 18	115 20	1,491 38	472 7	758 27	261 4	31.65
		10th " 1895-96	1,607 18	115 20	1,491 38	692 29	595 18	203 31	46.45
66	Ojhri	1st year 1886-87	1,843 21	295 13	1,548 8	149 32	752 3	646 13	9.65
		5th " 1890-91	1,843 21	259 15	1,584 6	128 33	837 29	617 24	8.08
		10th " 1895-96	1,843 21	253 39	1,589 22	645 1	638 12	396 9	40.58
67	Janki	1st year 1886-87	2,152 9	328 18	1,823 31	563 19	782 7	478 5	31
		5th " 1890-91	2,152 1	323 0	1,829 1	226 36	1,315 39	286 6	12.35
		10th " 1895-96	2,152 1	323 0	1,829 1	382 5	1,206 19	240 17	20.88
68	Bakhshah	1st year 1886-87	1,503 1	71 27	1,431 14	307 20	488 5	635 29	21.43
		5th " 1890-91	1,503 1	75 8	1,427 33	248 30	713 9	465 34	17.3
		10th " 1895-96	1,503 1	75 8	1,427 33	706 16	360 21	360 36	49.45
69	Kamaro	1st year 1886-87	1,907 22	166 27	1,740 33	721 10	275 33	743 32	41.43
		5th " 1890-91	1,911 11	227 4	1,684 7	629 37	627 25	426 25	37.35
		10th " 1895-96	1,911 11	224 14	1,686 37	778 20	515 22	392 35	46.28
70	Bakhu Khadi	1st year 1886-87	2,260 24	139 29	2,120 35	760 32	575 11	784 32	35.88
		5th " 1890-91	2,260 24	139 29	2,120 35	574 17	832 26	713 32	27.75
		10th " 1895-96	2,259 24	153 21	2,106 3	1,093 2	519 33	493 8	51.88
71	Chanesri	1st year 1886-87	1,689 36	167 27	1,522 9	64 18	701 9	756 22	4.2
		5th " 1890-91	1,689 36	167 27	1,522 9	64 18	1,011 20	446 11	4.2
		10th " 1895-96	1,689 36	167 27	1,522 9	813 15	501 1	207 33	55.4
72	Saruro	1st year 1886-87	3,577 3	418 13	3,158 20	1,531 6	1,057 33	569 31	48.5
		5th " 1890-91	3,580 21	413 24	3,166 37	1,352 12	1,303 16	511 9	42.7
		10th " 1895-96	3,580 21	466 18	3,114 3	1,227 15	1,363 26	523 2	39.4
73	Udha	1st year 1886-87	1,904 26	320 4	1,584 22	492 1	657 27	434 34	31.05
		5th " 1890-91	1,904 37	320 26	1,584 11	475 6	789 5	320 0	30.43
		10th " 1895-96	1,904 37	320 26	1,584 11	673 23	707 36	202 32	42.5
74	Indahlo	1st year 1886-87	2,852 6	219 19	2,632 27	1,185 0	332 24	1,115 3	45.0
		5th " 1890-91	2,852 18	225 30	2,626 28	1,085 8	1,016 4	825 16	41.3
		10th " 1895-96	2,852 18	223 33	2,628 25	1,698 2	518 2	412 21	64.58
75	Luwari	1st year 1886-87	3,711 6	250 0	3,461 6	2,219 17	664 11	577 18	64.58
		5th " 1890-91	3,645 12	268 12	3,377 0	1,642 39	1,026 22	707 19	48.6
		10th " 1895-96	3,645 12	268 9	3,377 3	1,960 7	512 9	904 27	58.03
76	Khakhar	1st year 1887-88	2,369 36	225 12	2,144 24	899 39	1,073 6	171 19	41.93
		5th " 1891-92	2,372 8	229 29	2,142 19	890 0	1,054 5	198 14	41.55
		9th " 1895-96	2,372 8	229 29	2,142 19	934 12	901 12	306 35	43.6
77	Mirzanpur	1st year 1887-88	2,240 2	254 31	1,985 11	583 12	625 38	776 1	29.35
		5th " 1891-92	2,240 2	254 31	1,985 11	583 12	1,229 21	172 18	29.38
		9th " 1895-96	2,240 2	254 31	1,985 11	882 2	852 29	256 20	47.48
78	Pano Mir-khan.	1st year 1887-88	2,203 11	257 13	1,945 38	1,072 0	650 21	223 17	55.08
		5th " 1891-92	2,199 11	299 2	1,900 9	1,027 34	796 8	76 7	54.1
		9th " 1895-96	2,199 11	300 26	1,898 25	721 18	1,015 21	161 26	37.98
79	Pano Lundki	1st year 1887-88	2,853 1	388 7	2,469 34	1,300 21	763 10	406 3	52.65
		5th " 1891-92	3,004 36	444 16	2,560 20	765 30	1,448 0	346 30	29.9
		9th " 1895-96	3,004 36	513 34	2,491 2	798 39	1,332 3	360 0	32.05
80	Angri	1st year 1887-88	2,053 13	28 21	2,024 32	1,419 27	605 5	491 35	70.1
		5th " 1891-92	2,049 18	458 9	1,591 9	338 15	760 39	491 35	21.28
		9th " 1895-96	2,049 18	458 9	1,591 9	133 15	1,215 26	242 8	12.18

No.	Name of village.	Year.	Total area.	Uncultivable waste.	Cultivable land.	Unoccupied.	OCCUPIED.		Percentage unoccupied cultivable land to cultivable area.
							Cultivated.	Fallow.	
2nd Group—contd.									
81	Bhambhki	1st year 1887-88	2,364 37	500 20	1,864 17	884 10	872 16	107 31	47.4
		5th " 1891-92	2,343 13	647 10	1,696 4	463 20	1,035 5	197 19	27.33
		9th " 1895-96	2,343 14	620 23	1,722 31	510 22	939 10	272 39	29.6
82	Khalso	1st year 1887-88	2,156 18	709 5	2,447 13	350 27	1,074 2	1,022 24	14.3
		5th " 1891-92	2,156 18	697 30	2,458 28	355 17	1,645 32	457 19	14.45
		9th " 1895-96	2,156 18	706 3	2,450 15	487 16	1,267 6	695 33	19.88
83	Nindo Shahir	1st year 1887-88	3,329 20	402 22	2,926 38	1,617 38	993 13	315 27	55.28
		5th " 1891-92	3,329 6	506 38	2,822 8	951 36	1,731 33	138 19	33.72
		9th " 1895-96	3,329 6	504 8	2,824 38	1,219 19	1,129 32	475 27	43.15
84	Sialki	1st year 1887-88	2,233 32	680 26	1,553 6	729 13	644 30	179 3	46.95
		5th " 1891-92	2,228 26	652 37	1,575 29	489 4	885 32	200 33	31.5
		9th " 1895-96	2,228 26	646 36	1,581 30	585 18	855 3	141 9	37
85	Pahwarki	1st year 1887-88	2,081 19	337 7	1,744 12	767 28	779 26	196 38	43.98
		5th " 1891-92	2,081 20	348 8	1,733 12	629 22	998 38	104 32	36.33
		9th " 1895-96	2,081 20	350 28	1,730 32	719 9	810 34	200 29	32.1
86	Gujo	1st year 1887-88	990 13	187 35	802 18	162 8	540 6	100 4	20.18
		5th " 1891-92	990 13	187 35	802 18	165 34	567 22	69 2	20.48
		9th " 1895-96	990 13	187 35	802 18	211 28	247 8	245 22	26.3
87	Markhan	1st year 1887-88	1,517 39	308 39	1,209 0	451 33	668 7	89 0	37.38
		5th " 1891-92	1,523 16	310 31	1,212 25	457 24	598 25	156 16	37.73
		9th " 1895-96	1,523 16	310 31	1,212 25	490 20	502 0	220 5	40.43
88	Sanjra	1st year 1887-88	1,997 28	314 3	1,683 25	560 21	949 12	143 32	33.88
		5th " 1891-92	1,997 23	331 30	1,666 33	562 11	826 30	276 32	33.75
		9th " 1895-96	1,997 23	334 29	1,662 34	647 27	757 4	258 3	38.53
	Total of 2nd Group.	1st year 1886-87	1,07,361 0	16,985 17	90,375 23	34,883 33	32,164 0	25,327 30	38.33
		5th " 1890-91	1,08,190 6	16,804 10	91,385 36	28,508 10	46,381 23	16,501 3	31.19
		10th " 1895-96	1,09,348 4	17,400 6	91,947 38	35,496 37	38,902 27	17,548 14	38.63
3rd Group.									
89	Makrah	1st year 1886-87	1,649 26	24 8	1,625 18	1,293 3	332 15	79 55	79.55
		5th " 1890-91	1,649 26	24 8	1,625 18	1,293 3	332 15	79 55	79.55
		10th " 1895-96	1,649 26	24 8	1,625 18	1,415 31	48 14	161 13	87.08
90	Daphri	1st year 1886-87	2,473 8	...	2,473 8	2,473 8	...	...	100
		5th " 1890-91	2,473 8	...	2,473 8	2,473 8	...	...	100
		10th " 1895-96	2,473 8	...	2,473 8	2,473 8	...	...	100
91	Wariaso	1st year 1886-87	2,171 29	40 3	2,131 26	1,657 35	229 16	244 15	77.75
		5th " 1890-91	2,171 29	40 3	2,131 26	1,657 35	320 25	153 6	77.75
		10th " 1895-96	2,171 29	61 38	2,109 31	1,312 9	656 33	140 29	62.2
92	Bhaneri	1st year 1886-87	3,813 29	46 26	3,767 3	3,518 15	82 0	166 28	93.33
		5th " 1890-91	3,813 29	46 26	3,767 3	3,518 15	212 30	35 38	93.33
		10th " 1895-96	3,813 29	77 19	3,736 10	3,142 25	516 23	77 2	84.1
93	Kand	1st year 1886-87	1,890 26	0 12	1,890 14	1,860 10	...	30 4	98.4
		5th " 1890-91	1,890 26	0 12	1,890 14	1,860 10	...	30 4	98.4
		10th " 1895-96	1,890 26	0 12	1,890 14	1,876 37	13 17	...	99.3
94	Dungahadi	1st year 1886-87	1,436 10	44 29	1,391 21	1,091 11	128 1	172 9	78.43
		5th " 1890-91	1,436 10	44 29	1,391 21	1,088 33	138 13	164 15	78.18
		10th " 1895-96	1,436 10	44 29	1,391 21	1,161 17	181 1	49 3	83.45
95	Nangro	1st year 1886-87	2,541 3	398 1	2,143 2	872 34	452 18	817 30	40.7
		5th " 1890-91	2,541 3	398 1	2,143 2	982 32	574 2	586 8	45.83
		10th " 1895-96	2,541 3	392 31	2,148 12	1,059 5	761 26	327 21	49.3
96	Gatho	1st year 1886-87	2,375 11	38 1	2,337 10	2,245 27	77 5	14 18	96.25
		5th " 1890-91	2,375 11	38 1	2,337 10	2,222 10	98 37	16 3	95.8
		10th " 1895-96	2,375 11	38 23	2,336 28	2,225 16	67 0	44 12	95.23
97	Jhagri	1st year 1886-87	3,194 33	516 7	2,678 26	1,513 25	710 30	454 11	56.48
		5th " 1890-91	3,175 10	479 3	2,696 7	1,512 17	970 23	213 7	56.98
		10th " 1895-96	3,175 10	481 13	2,693 37	1,517 3	930 26	246 8	56.33
98	Marai	1st year 1886-87	2,619 14	413 38	2,206 16	588 16	819 20	792 10	26.6
		5th " 1890-91	2,619 14	413 28	2,205 31	577 5	1,132 15	496 11	28.15
		10th " 1895-96	2,619 14	409 20	2,209 34	831 10	1,027 33	351 1	37.08
99	Wahariaro	1st year 1886-87	3,754 7	185 6	3,569 1	1,618 16	1,348 2	602 23	42.4
		5th " 1890-91	3,764 29	185 6	3,579 23	1,611 37	1,601 21	366 5	64.4
		10th " 1895-96	3,764 29	185 6	3,579 23	2,200 33	1,288 9	140 21	61.5

No.	Name of village.	Year.	Total area.	Uncultivable waste.	Cultivable land.	Unoccupied.	OCCUPIED.		Percentage of unoccupied cultivable land to cultivable area.
							Cultivated.	Fallow.	
3rd Group—contd.									
100	Makhandi	1st year 1886-87	3,276 12	100 23	3,175 29	2,564 26	213 28	397 16	80.75
		5th " 1890-91	3,276 12	118 6	3,158 6	2,345 1	629 31	183 14	74.25
		10th " 1895-96	3,276 12	118 6	3,158 6	2,275 13	553 27	329 6	72.03
101	Gad	1st year 1886-87	3,549 2	131 32	3,417 10	2,232 21	554 17	630 12	64.23
		5th " 1890-91	3,549 12	131 32	3,417 20	2,227 15	828 7	361 38	64.08
		10th " 1895-96	3,592 14	131 32	3,460 22	2,527 18	643 14	289 30	73.03
102	Shekhpur	1st year 1886-87	5,046 39	295 9	4,751 30	3,985 22	553 1	213 7	83.88
		5th " 1890-91	5,046 39	295 9	4,751 30	3,353 19	909 27	488 24	70.57
		10th " 1895-96	5,046 39	295 9	4,751 30	3,567 28	942 9	241 33	75.08
103	Morahdi	1st year 1886-87	2,621 24	39 19	2,582 5	2,309 32	95 30	176 23	89.45
		5th " 1890-91	2,621 24	39 19	2,582 5	2,309 32	139 25	132 28	89.45
		10th " 1895-96	2,658 25	59 5	2,599 20	2,364 24	103 5	131 31	90.95
104	Malki	1st year 1886-87	2,467 35	218 2	2,249 33	1,173 35	558 16	517 22	52.15
		5th " 1890-91	2,467 35	218 12	2,254 23	1,113 15	863 16	257 32	49.38
		10th " 1895-96	2,467 22	274 26	2,192 36	963 10	976 24	253 2	43.86
105	Pado	1st year 1886-87	3,022 16	231 38	2,790 18	1,011 17	873 12	905 29	36.23
		5th " 1890-91	3,045 28	238 4	2,807 24	1,008 21	1,229 15	589 28	35.0
		10th " 1895-96	3,006 38	238 4	2,798 34	1,531 25	839 30	397 19	50.03
106	Bagreji	1st year 1886-87	2,356 30	234 5	2,122 25	930 19	420 30	771 16	43.83
		5th " 1890-91	2,318 29	302 3	2,016 26	746 20	979 12	290 34	37
		10th " 1895-96	2,318 29	299 3	2,019 26	1,152 37	658 10	208 19	57.05
107	Nangarkhet.	1st year 1886-87	2,194 36	1,231 24	963 12	16 14	540 10	406 28	1.55
		5th " 1890-91	2,228 17	1,106 37	1,121 20	130 21	847 30	143 9	11.28
		10th " 1895-96	2,228 17	1,061 37	1,166 20	172 3	852 19	141 38	14.1
108	Khorahdi	1st year 1886-87	2,744 17	468 36	2,275 21	950 36	336 10	988 15	41.75
		5th " 1890-91	2,746 19	444 1	2,302 18	894 0	1,136 33	271 25	38.83
		10th " 1895-96	2,746 19	444 8	2,302 11	990 6	988 21	313 24	43.28
109	Guraho	1st year 1886-87	3,573 33	303 25	3,270 8	2,049 37	673 11	547 0	62.68
		5th " 1890-91	3,573 33	299 20	3,274 13	2,045 9	882 29	346 15	62.45
		10th " 1895-96	3,573 33	384 5	3,189 28	2,132 14	801 5	256 9	66.85
110	Sirani	1st year 1886-87	1,582 21	340 17	1,242 4	214 22	523 23	503 39	17.25
		5th " 1890-91	1,582 21	338 12	1,244 9	214 22	864 31	164 36	17.13
		10th " 1895-96	1,583 25	323 25	1,260 0	296 33	721 2	242 0	23.5
111	Ruugahadi	1st year 1886-87	3,505 4	2,800 30	704 14	27 22	300 24	376 8	3.83
		5th " 1890-91	3,505 4	2,783 35	721 9	17 8	431 36	272 5	2.4
		10th " 1895-96	3,510 14	2,748 5	762 9	167 5	347 19	247 25	21.93
112	Tali	1st year 1886-87	3,154 10	332 10	2,822 0	1,423 39	749 36	648 5	50.45
		5th " 1890-91	3,154 10	332 10	2,822 0	1,405 22	1,168 13	248 5	50.38
		10th " 1895-96	3,154 10	332 24	2,821 26	1,491 14	921 5	409 7	52.85
113	Chaubandi	1st year 1887-88	3,016 36	177 29	2,839 7	1,896 11	378 37	563 39	66.68
		5th " 1891-92	3,016 31	1,710 6	1,306 25	322 38	907 23	76 4	24.73
		9th " 1895-96	3,016 31	1,660 24	1,356 7	330 11	509 27	516 9	24.33
114	Dengar	1st year 1887-88	1,940 33	122 10	1,818 23	909 37	444 2	484 24	49.45
		5th " 1891-92	1,961 3	138 16	1,822 27	857 32	710 19	254 16	47.08
		9th " 1895-96	1,961 3	138 22	1,822 21	1,016 5	389 8	417 8	55.78
115	Nareri	1st year 1887-88	3,491 7	474 35	3,016 12	623 5	1,451 9	941 38	20.65
		5th " 1891-92	3,492 14	461 3	3,011 11	606 8	1,982 35	422 8	20.13
		9th " 1895-96	3,492 14	477 32	3,014 22	1,001 23	1,427 23	585 16	33.2
116	Ghurbi	1st year 1887-88	2,520 17	69 16	2,451 1	1,622 8	487 36	340 37	66.18
		5th " 1891-92	2,508 39	83 32	2,425 7	1,290 30	470 35	663 22	53.23
		9th " 1895-96	2,508 39	83 32	2,425 7	1,796 7	239 31	389 9	73.98
117	Bidahdi	1st year 1887-88	3,346 31	20 4	3,326 27	2,641 4	495 28	189 35	76.38
		5th " 1891-92	3,394 33	38 33	3,356 0	2,296 4	501 5	558 31	68.4
		9th " 1895-96	3,394 33	38 33	3,356 0	2,726 26	422 22	206 32	81.53
118	Majabari	1st year 1887-88	3,387 18	1,301 16	2,086 2	994 25	324 0	767 17	47.65
		5th " 1891-92	3,351 29	1,304 8	2,047 21	990 22	753 20	303 19	48.28
		9th " 1895-96	3,351 29	1,304 8	2,047 21	1,605 14	218 36	23 11	88.2
119	Lao	1st year 1887-88	2,785 14	26 23	2,758 31	2,472 23	51 33	34 15	96.88
		5th " 1891-92	2,758 31	5 20	2,753 11	2,444 21	103 23	205 7	89.53
		9th " 1895-96	2,758 31	5 20	2,753 11	2,303 19	389 5	60 27	83.63
120	Kunar	1st year 1887-88	2,497 32	11 24	2,486 8	2,486 8	...	...	100
		5th " 1891-92	2,497 32	11 24	2,486 8	2,486 8	...	...	100
		9th " 1895-96	2,497 32	11 24	2,486 8	2,486 8	...	...	100

No.	Name of village.	Year.	Total area.	Uncultivable waste.	Cultivable land.	Unoccupied.	OCCUPIED.		Percentage of unoccupied cultivable land to cultivable area.
							Cultivated.	Fallow.	
3rd Group—contd.									
121	Waghu Daho	1st year.. 1887-88	3,420 35	212 21	3,208 14	2,072 32	939 2	196 20	64.83
		5th " 1891-92	3,419 35	264 15	3,155 20	1,951 14	1,099 24	104 22	61.83
		9th " 1895-96	3,419 35	264 15	3,155 20	1,841 24	1,054 19	259 17	56.35
122	Bahadmi	1st year.. 1887-88	4,082 28	248 37	3,833 31	2,944 10	611 16	278 5	77.08
		5th " 1891-92	4,083 4	255 7	3,827 37	2,917 8	781 13	129 16	76.13
		9th " 1895-96	4,083 4	255 7	3,827 37	2,754 22	892 18	180 37	71.98
123	Mor	1st year.. 1887-88	2,103 16	22 27	2,080 29	2,073 39	6 30	.....	89.7
		5th " 1891-92	2,103 16	22 27	2,080 29	2,080 29	.....	.....	100
		9th " 1895-96	2,103 16	22 27	2,080 29	2,080 29	.....	.....	100
124	Sanghar	1st year.. 1887-88	3,652 14	56 21	3,596 33	3,307 6	3 22	285 6	91.95
		5th " 1891-92	3,652 14	56 21	3,596 33	3,307 5	256 5	32 23	91.95
		9th " 1895-96	3,652 14	56 21	3,596 33	3,167 29	410 2	18 2	88.1
125	Kadhan	1st year.. 1887-88	2,417 16	171 1	2,246 15	2,031 34	25 39	188 22	90.43
		5th " 1891-92	2,418 6	184 34	2,233 12	2,026 35	197 10	9 7	90.73
		9th " 1895-96	2,418 6	184 34	2,233 12	2,020 9	26 24	186 19	90.45
126	Dasti	1st year.. 1887-88	4,037 8	2,651 9	1,385 39	469 10	866 31	49 38	33.83
		5th " 1891-92	4,071 13	2,571 5	1,500 8	608 27	796 21	95 0	40.68
		9th " 1895-96	4,071 13	2,572 19	1,498 34	662 35	744 33	91 6	44.18
127	Sia'sisi	1st year.. 1887-88	4,638 33	122 27	4,516 6	4,020 23	313 35	181 28	89
		5th " 1891-92	4,641 12	137 12	4,504 0	3,991 15	373 29	138 36	85.63
		9th " 1895-96	4,641 12	137 12	4,504 0	4,103 31	335 2	65 7	91.08
128	Sutari	1st year.. 1887-88	2,548 20	55 5	2,493 15	1,911 34	561 21	.....	79.88
		5th " 1891-92	2,560 10	334 24	2,225 26	553 1	930 18	742 7	24.85
		9th " 1895-96	2,560 10	334 38	2,225 12	790 5	1,253 1	182 6	35.05
129	Gabarli	1st year.. 1887-88	4,560 6	75 34	4,484 12	3,558 7	926 5	.....	9.35
		5th " 1891-92	4,648 23	1,329 33	3,319 30	76 19	2,015 39	726 15	2.73
		9th " 1895-96	4,648 23	1,326 4	3,322 19	61 22	2,054 24	706 13	2.33
130	Khambhro	1st year.. 1887-88	4,089 37	53 19	4,036 18	3,021 37	1,014 21	1,137 18	74.85
		5th " 1891-92	4,097 27	1,246 18	2,851 9	1,83 24	1,530 7	857 33	7.43
		9th " 1895-96	4,097 27	1,245 18	2,852 9	494 22	1,499 34	857 33	17.3
131	Charo	1st year.. 1887-88	1,847 12	1,571 17	275 35	102 20	84 37	88 18	37.15
		5th " 1891-92	2,065 9	1,643 27	421 22	128 32	124 4	168 26	30.55
		9th " 1895-96	2,065 9	1,643 27	421 22	286 17	62 38	72 7	63.18
132	Achh	1st year.. 1887-88	4,959 35	100 0	4,859 35	4,544 18	315 17	783 16	93.5
		5th " 1891-92	4,674 8	433 0	4,241 8	2,398 30	1,059 2	735 27	56.53
		9th " 1895-96	4,674 8	433 0	4,241 8	2,359 33	1,145 28	735 27	55.6
	Total of 3rd Group.	1st year.. 1886-87	1,32,381 3	15,986 16	1,16,394 27	81,829 11	19,564 1	15,301 15	70.05
		5th " 1887-88	1,32,445 27	21,065 37	1,11,379 30	68,128 12	30,907 15	12,344 3	61.18
		9th and 10th year 1890-91 1891-92 1895-96	1,32,493 1	21,124 5	1,11,368 36	72,938 20	27,876 17	10,553 39	65.5
4th Group.									
133	Chaudahdi..	1st year.. 1886-87	3,021 9	.....	3,021 9	3,021 9	.....	.....	100
		5th " 1890-91	3,021 9	.....	3,021 9	3,021 9	.....	.....	100
		10th " 1895-96	3,061 2	26 20	3,044 22	2,543 33	305 26	185 3	83.83
134	Bandho	1st year.. 1886-87	4,209 16	0 14	4,209 2	4,057 21	151 21	.....	96.38
		5th " 1890-91	4,209 16	0 14	4,209 2	3,944 23	264 19	.....	93.7
		10th " 1895-96	4,332 37	144 2	4,188 35	855 38	2,153 26	1,179 11	20.3
135	Akro	1st year.. 1886-87	3,515 38	9 5	3,506 33	3,434 34	71 39	.....	97.93
		5th " 1890-91	3,515 38	9 5	3,506 33	3,054 32	452 1	.....	87.1
		10th " 1895-96	3,083 21	98 5	2,985 16	1,258 22	1,243 28	483 6	42.13
136	Daleji	1st year.. 1886-87	1,353 5	177 1	1,176 4	531 18	397 5	247 21	44.63
		5th " 1890-91	1,355 37	185 4	1,170 33	504 5	537 2	129 28	42.55
		10th " 1895-96	1,355 37	185 4	1,170 33	464 20	525 16	180 37	39.65
137	Jakhri	1st year.. 1886-87	2,142 8	169 23	1,972 25	1,297 31	415 24	259 10	64.71
		5th " 1890-91	2,144 11	177 2	1,967 9	1,241 11	587 21	138 17	63.08
		10th " 1895-96	2,144 11	173 23	1,970 18	1,168 1	720 5	82 12	59.3
138	Pahori	1st year.. 1886-87	3,397 26	3 19	3,394 7	3,290 5	104 2	.....	96.9
		5th " 1890-91	3,397 26	11 11	3,386 15	2,791 37	78 5	516 13	82.4
		10th " 1895-96	3,397 26	11 11	3,386 15	2,969 39	363 38	52 18	87.6
139	Amin Narero	1st year.. 1886-87	1,941 19	234 17	1,707 2	294 35	735 5	677 2	17.2
		5th " 1890-91	1,961 37	234 14	1,727 23	315 21	1,059 33	362 9	18.2
		10th " 1895-96	1,961 37	234 14	1,727 23	353 3	1,144 38	229 22	20.4

B 34--32

B. A. BRENDON,
Assistant Collector, Tando.

APPENDIX

Statement showing cultivated land in each village of the Badin Taluka under each kind

No	Name of village.	GARDENS.		KHARIF.								FLOW.		L.I.
		Area.	Assessment.	RICE UNDER FLOW.		OTHER FLOW.		LIFT.		LIFT AND FLOW.		Area.	Assessment.	
		A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.
1	Lakhi	1st year. 1 5	3 8	417 39	1,337 13	3 10	8 0	4 20	7 0	...	...	...	...	9 25
	5th	2 4	5 0	444 17	1,426 8	...	...	78 2	128 12	...	...	...	...	...
	10th	5 4	15 8	493 6	1,453 0	...	...	10 12	16 8	...	...	...	...	...
	Average	2 32	8 0	485 7	1,372 7	1 3	2 11	30 38	50 12	...	...	...	...	3 8
3	Bhanki	1st year. 54 38	164 8	610 6	1,792 0	...	...	...	...	15 5	41 0	...	...	...
	5th	24 0	131 0	564 35	1,657 8	...	...	30 13	110 12	...	...	...	...	...
	10th	13 11	39 0	402 29	1,182 8	...	...	36 35	113 8	...	...	...	...	...
	Average	30 16	111 8	515 37	1,544 0	...	...	42 16	71 1	5 2	13 11	...	...	...
5	Daudo	1st year. 6 10	19 0	777 16	2,268 8	...	...	16 10	29 0	6 35	17 0	...	...	...
	5th	29 15	52 0	723 19	2,123 8	1 10	3 0	111 6	191 12	...	...	...	...	...
	10th	1 14	4 0	518 13	1,510 0	...	...	17 18	30 0	22 29	67 0	...	...	...
	Average	9 13	25 0	673 3	1,970 0	0 17	1 0	48 11	84 9	9 33	28 0	...	...	...
4	Perospur	1st year. 5 10	15 0	1,416 39	4,147 0	...	...	...	...	...	...	...	...	...
	5th	3 0	9 0	1,156 15	3,391 8	6 24	16 0	107 18	178 0	...	...	...	...	...
	10th	2 36	8 0	1,374 5	3,905 4	...	...	4 28	8 0	...	...	...	...	...
	Average	3 29	10 11	1,315 33	3,814 4	2 8	5 5	37 15	62 0	...	...	...	...	...
8	Jiat	1st year. 6 2	18 8	825 2	2,398 8	...	...	...	...	...	...	...	...	...
	5th	10 37	33 0	869 29	2,524 8	...	...	50 13	80 8	...	...	...	...	...
	10th	10 32	33 0	785 11	2,272 12	...	...	16 35	28 0	...	...	...	...	...
	Average	9 16	28 3	826 24	2,398 4	...	...	22 16	36 3	...	...	...	...	...
6	Widho Chauwro	1st year. 19 5	53 4	879 20	2,368 10	...	...	...	...	...	...	...	...	...
	5th	14 30	43 0	817 34	2,380 8	13 18	33 0	130 29	211 12	4 15	11 0	...	...	...
	10th	3 6	9 0	764 36	2,223 8	...	...	14 32	23 12	...	...	...	...	...
	Average	12 0	35 1	797 18	2,327 9	4 19	11 0	49 20	78 8	1 18	3 11	...	...	...
7	Habachh	1st year. 3 30	10 8	620 6	1,831 8	...	...	...	...	...	...	...	...	...
	5th	1 10	3 8	465 25	1,374 4	...	...	59 27	101 12	...	...	...	...	...
	10th	6 2	4 8	549 31	1,621 8	...	...	...	...	...	...	...	...	...
	Average	3 27	6 3	578 21	1,710 1	...	...	19 36	33 15	...	...	...	...	...
8	Morjhar	1st year. 8 5	24 0	506 12	1,466 8	...	...	...	...	...	...	...	...	...
	5th	3 25	10 0	720 13	2,048 8	...	...	74 13	117 0	...	...	...	...	...
	10th	2 35	8 0	769 4	2,193 8	14 15	35 0	33 13	58 0	...	...	...	...	...
	Average	4 35	14 0	662 23	1,916 3	4 32	11 11	35 35	59 5	...	...	...	...	...
9	Talhar	1st year. 0 39	3 0	639 34	1,824 8	3 10	8 8	...	...	75 38	222 0	...	...	...
	5th	13 24	40 0	653 24	1,896 8	1 25	4 0	70 22	113 4	86 5	257 0	...	...	...
	10th	95 27	287 0	633 2	1,835 0	...	...	...	...	...	...	...	...	19 9
	Average	36 30	110 0	648 33	1,885 5	1 25	4 0	23 21	37 12	53 28	159 11	...	...	6 16
10	Seri	1st year. 17 38	53 8	696 8	2,032 0	1 24	3 8	...	...	17 8	51 0	...	...	...
	5th	2 6	6 8	691 31	1,920 0	...	...	51 35	88 0	30 50	91 0	...	...	...
	10th	53 18	153 8	644 13	1,873 8	...	...	...	...	...	...	...	...	...
	Average	24 21	71 3	698 31	1,941 13	0 21	1 3	17 12	29 11	15 35	47 5	...	...	...
11	Patabhriun	1st year. 7 33	23 0	524 11	1,476 8	1 15	3 0	...	...	...	...	...	...	...
	5th	9 20	29 0	507 28	1,431 0	3 30	9 0	80 5	134 0	...	...	...	...	...
	10th	1 25	1 0	454 11	1,289 0	...	...	...	...	...	...	...	...	34 11
	Average	6 13	17 11	495 17	1,398 13	1 28	4 0	26 28	44 11	...	...	...	...	11 17
12	Bagirki	1st year. 3 5	9 0	...	...	...	...	...	...	...	...	...	...	...
	5th	12 3	22 8	111 6	312 8	...	...	2 31	6 0	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average	6 3	10 8	37 2	110 13	...	...	0 37	1 11	...	...	...	...	2 17
13	Sandki	1st year. 0 28	2 0	229 13	672 8	...	...	...	...	...	...	...	...	...
	5th	0 28	2 0	638 5	1,845 0	...	...	21 29	36 4	3 0	9 0	...	...	...
	10th	3 28	11 0	772 35	2,201 8	...	...	...	...	...	...	...	...	2 31
	Average	1 28	5 0	546 30	1,607 11	...	...	7 10	12 1	1 0	3 0	...	...	0 37
14	Lundki	1st year. 700 35	1,983 8	...	...	...	...	...	...	...	...	...	...	...
	5th	614 24	1,739 8	...	...	...	...	111 20	164 12	...	...	...	...	...
	10th	645 17	1,812 4	...	...	...	...	...	...	...	...	...	...	30 30
	Average	657 39	1,849 12	...	...	...	...	37 7	54 15	...	...	...	...	6 37
15	Parhiarki	1st year. 4 4	12 0	693 20	2,025 8	4 20	11 0	...	...	...	...	...	...	...
	5th	9 19	27 8	921 27	2,675 0	...	...	...	...	...	...	...	...	...
	10th	11 29	30 4	800 7	2,315 0	...	...	58 30	91 0	...	...	...	...	0 14
	Average	8 17	23 4	805 5	2,339 8	1 20	3 11	19 23	30 6	...	...	...	...	3 5

XIV-A.

of irrigation during the existing settlement with the assessment thereon.

No.	Name of village.	RABI.		RABI PLANTATION.		DARANI.		Total.	
		Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.
		A. g. <th>Rs. a.</th> <td></td> <td></td> <td>A. g.<th>Rs. a.</th><td></td><td></td></td>	Rs. a.			A. g. <th>Rs. a.</th> <td></td> <td></td>	Rs. a.		
1	Lakhi	1st year. 5 12	...	...	...	...	...	...	...
	5th	...	...	...	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...
	Average	...	...	...	...	...	...	...	...
3	Bhanki	1st year. 12 35	...	...	...	...	...	...	...
	5th	...	...	...	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...
	Average	...	...	...	...	...	...	...	...
5	Daudo	1st year. 75 5	...	...	...	...	...	...	...
	5th	...	...	...	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...
	Average	...	...	...	...	...	...	...	...
4	Perospur	1st year. 81 10	...	...	...	...	...	...	...
	5th	...	...	...	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...
	Average	...	...	...	...	...	...	...	...
8	Jiat	1st year. 12 2	...	...	...	...	...	...	...
	5th	...	...	...	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...
	Average	...	...	...	...	...	...	...	...
6	Widho Chauwro	1st year. 1 35	...	...	...	...	...	...	...
	5th	...	...	...	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...
	Average	...	...	...	...	...	...	...	...
7	Habachh	1st year. 8 15	...	...	...	...	...	...	...
	5th	...	...	...	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...
	Average	...	...	...	...	...	...	...	...
8	Morjhar	1st year. 20 30	...	...	...	...	...	...	...
	5th	...	...	...	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...
	Average	...	...	...	...	...	...	...	...
9	Talhar	1st year. 7 5	...	...	...	...	...	...	...
	5th	...	...	...	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...
	Average	...	...	...	...	...	...	...	...
10	Seri	1st year. 23 24	...	...	...	...	...	...	...
	5th	...	...	...	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...
	Average	...	...	...	...	...	...	...	...
11	Patabhriun	1st year. 10 1	...	...	...	...	...	...	...
	5th	...	...	...	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...
	Average	...	...	...	...	...	...	...	...
12	Bagirki	1st year. 24 34	...	...	...	...	...	...	...
	5th	...	...	...	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...
	Average	...	...	...	...	...	...	...	...
13	Sandki	1st year. 2 32	...	...	...	...	...	...	...
	5th	...	...	...	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...
	Average	...	...	...	...	...	...	...	...
14	Lundki	1st year. 6 25	...	...	...	...	...	...	...
	5th	...	...	...	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...
	Average	...	...	...	...	...	...	...	...
15	Parhiarki	1st year. 45 1	...	...	...	...	...	...	...
	5th	...	...	...	...	...	...	...	...
	10th	...	...	...	...	...	...	...	...
	Average	...	...	...	...	...	...	...	...

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No.	Name of village.	GARDENS.		KHARIF.										Li.	
				RICE UNDER FLOW.		OTHER FLOW.		LIFT.		LIFT AND FLOW.		FLOW.			
		Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.		Area.
2nd Group—contd.															
79	Augri	1st year	1 34	5 0	46 13	128 8									
		5th	4 15	12 0	567 37	1,916 8	13 10	30 0							
		9th	0 34	2 8	346 24	1,049 0			240 20	351 8					
		Average	2 16	6 8	370 39	1,031 0	4 17	10 0	80 7	117 3					
80	Pano Mir Khan.	1st year	3 30	10 0	608 1	1,672 0	6 30	15 0							
		5th	6 39	20 0	415 20	1,135 0	19 20	40 0	35 25	67 8					
		9th	10 15	45 0	8-8 8	2,375 8	22 33	43 6	3 10	4 8					
		Average	6 29	18 5	937 23	1,727 8	16 14	30 7	12 33	24 0					
81	Khalasa	1st year	4 15	12 0	732 34	2,094 8	44 17	80 0							
		5th	6 39	20 0	1,224 3	3,333 10	6 20	19 0	134 22	234 4	16 0	44 0			
		9th	13 34	35 8	875 2	2,363 0	21 0	50 8							
		Average	8 16	22 8	945 14	2,567 1	24 26	62 13	44 34	79 1	5 13	14 11			
82	Sanjra	1st year	3 33		733 16		3 18								
		5th	3 15	9 0	586 25	1,037 6	33 30	75 8							
		9th	3 15	9 0	244 16	643 0	10 19	24 0							
		Average	3 21	6 0	824 32	766 13	15 34	33 3							
83	Markhan	1st year	3 25	10 0	582 2	1,434 7					3 8				
		5th			338 5	917 8	32 4	72 0	2 10						
		9th			377 23	1,028 8	2 17	5 0							
		Average	1 8	3 5	435 37	1,138 2	11 20	25 11	0 30	1 3					
84	Pahwarki	1st year	5 7	14 0	646 39	1,764 14	20 30	47 8							21 18
		5th	14 5	50 0	640 25	1,738 0	59 5	133 0	39 30	57 0					
		9th	19 39	55 0	650 3	1,769 8	8 33	19 8							
		Average	14 17	39 11	643 36	1,767 7	29 23	66 11	13 10	19 0					7 6
85	Gujo	1st year	23 0	63 8	421 26	1,150 8									
		5th	49 0	133 0	332 3	542 8	5 10	11 8	15 35	23 8					
		9th	15 6	41 8	241 11	661 9	7 1	16 0							
		Average	29 2	79 5	286 37	784 13	4 4	9 3	5 12	7 13					
86	Shalki	1st year	2 17	5 8	637 33	1,747 4									5 25
		5th	18 13	50 0	671 33	1,845 0	5 25	12 0	46 30	67 8					43 27
		9th	14 2	33 8	543 8	1,460 0									
		Average	11 24	31 5	617 25	1,690 12	1 35	4 0	15 23	22 8					14 23
87	Nin d o Shahir.	1st year	19 15	52 8	934 20	2,551 12	0 18	1 0							
		5th	41 30	115 14	332 3	2,539 1	35 21	90 0	118 3	172 0					
		9th	17 38	60 0	588 17	1,610 8	6 15	14 0							38 37
		Average	26 14	72 13	618 23	2,230 7	14 5	35 0	39 14	57 5					12 39
88	Mirzanpur	1st year			272 25	727 0									
		5th			631 16	1,699 8	31 15	69 0	342 10	408 0					
		9th			805 35	2,166 8									
		Average			569 39	1,531 0	10 18	23 0	114 3	156 0					
	Total of the 2nd Group.	1st year	299 5	763 12	23,726 34	63,534 13	906 39	1,533 8	972 8	1,248 4	104 23	174 0			48
		5th	462 17	1,242 14	30,252 6	69,964 1	815 34	1,734 8	9,352 24	12,312 10	82 25	188 0			287 39
		9th & 10th	358 23	900 14	23,302 25	75,501 8	674 14	1,270 11	2,234 36	3,083 12	84 30	190 8			
		Average	373 15	969 3	26,774 8	69,666 13	765 27	1,519 4	4,186 24	5,714 14	91 39	184 3			112 3
3rd Group.															
89	Makrah	1st year			86 5	195 0									
		5th			16 7	41 0	32 7	58 0	246 10	276 0					
		10th													
		Average			34 4	78 11	10 23	19 5	82 3	92 0					
90	Daphri	1st year													
		5th													
		10th													
		Average													
91	Wariaso	1st year			210 36	506 8	9 20	3 8							
		5th			224 30	518 8	5 20	14 0	80 35	79 8					
		10th			614 20	1,414 0	19 33	36 0	5 15	5 0					
		Average			353 2	813 0	11 24	16 8	28 30	28 3					
92	Bhaneri	1st year			68 12	155 8									
		5th			65 5	140 0			128 0	128 8					
		10th			382 2	841 0			113 34	121 0					
		Average			171 33	395 3			80 26	83 3					
93	Kand	1st year													
		5th													
		10th													
		Average													

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No.	Name of village.	GARDENS.		KHARIF.												
				RICE UNDER FLOW.		OTHER FLOW.		LIFT.		LIFT AND FLOW.		FLOW.				
		Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.		
3rd Group—contd.		A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.
94	Dungahadi	1st year...	...	116 28	268 0	4 35	9 0	...	...	...	...	...	...	...	...	...
	5th	...	...	108 9	251 0	...	...	...	...	...	...	...	...	...	...	...
	10th	...	...	164 8	377 0	7 18	14 0	...	...	...	...	...	...	...	...	...
	Average	...	...	130 1	298 11	4 4	7 11	...	...	...	...	...	...	...	...	...
95	Naugro	1st year...	0 7	0 8	366 9	868 0	54 10	104 0	8 30	10 0	15 10	37 0	...	...	...	...
	5th	0 7	0 8	412 35	994 8	35 10	65 0	41 21	40 8	80 8	11 37	22 0	...	...	...	...
	10th	0 7	0 8	549 14	1,314 0	85 11	157 8	79 9	80 8	11 37	22 0	...	...	...	...	...
	Average	0 7	0 8	442 32	1,058 13	54 10	118 13	43 10	48 11	9 2	19 11	...	...	...	...	...
96	Marni	1st year...	3 5	7 4	655 28	1,596 8	...	...	99 0	112 0	7 20	14 0	...	...	...	...
	5th	8 35	21 4	736 3	1,816 0	4 25	9 4	258 13	269 12	5 25	11 0	...	...	...	...	...
	10th	19 3	45 4	893 27	2,096 0	1 32	3 8	31 1	35 0	...	...	...	...	...	...	11 8
	Average	10 14	24 9	769 33	1,832 13	2 6	4 4	129 18	145 9	4 15	8 6	...	...	...	...	3 16
97	Malki	1st year...	2 15	6 0	615 6	1,363 0	...	...	...	...	...	...	...	...	...	...
	5th	...	...	706 33	1,741 8	5 10	9 8	131 3	162 4	...	...	...	...	...	...	...
	10th	4 11	10 8	686 26	1,679 8	10 0	19 8	31 32	67 8	...	...	...	...	...	...	...
	Average	2 9	5 8	636 8	1,561 5	5 3	9 11	54 12	73 4	...	...	...	...	...	...	...
98	Pado	1st year...	3 39	9 10	815 33	1,844 8	...	...	...	...	...	...	...	...	...	...
	5th	0 19	1 2	551 5	1,340 0	1 5	2 0	574 30	646 0	...	...	...	...	...	...	...
	10th	7 22	19 2	945 6	1,561 0	...	...	7 37	8 0	...	...	...	...	...	...	...
	Average	4 0	9 15	670 28	1,629 3	0 15	0 11	194 9	219 0	...	...	...	...	...	...	...
99	Jhagri	1st year...	...	...	571 38	1,389 8	9 0	16 0	...	...	...	...	...	...	...	...
	5th	2 0	4 0	721 9	1,754 8	10 10	20 8	115 3	131 0	...	...	...	...	...	...	...
	10th	4 20	11 0	823 2	1,991 0	3 2	6 8	2 7	2 8	...	...	...	...	...	...	...
	Average	2 7	5 0	703 16	1,711 11	7 17	14 5	39 3	44 8	...	...	...	...	...	...	...
100	Gatho	1st year...	...	...	77 5	177 0	...	...	...	...	...	...	...	...	...	...
	5th	...	...	97 7	221 0	...	...	1 33	1 8	...	...	...	...	...	...	...
	10th	...	...	67 0	155 8	...	...	...	...	...	...	...	...	...	...	...
	Average	...	...	80 17	185 8	...	...	0 23	0 8	...	...	...	...	...	...	...
101	Morahdi	1st year...	...	...	95 30	222 0	...	...	...	...	...	...	...	...	...	...
	5th	...	...	35 30	83 0	...	...	21 15	20 8	...	...	...	...	...	...	...
	10th	...	...	17 36	42 0	...	...	...	...	...	...	...	...	...	...	...
	Average	...	...	40 32	115 11	...	...	7 5	6 13	...	...	...	...	...	...	...
102	Bagreji	1st year...	3 3	8 8	410 27	997 8	...	...	...	...	...	...	...	...	...	...
	5th	14 8	34 0	43 10	1,164 8	52 15	100 0	40 5	450 0	...	...	...	...	...	...	...
	10th	5 0	11 8	627 18	1,503 0	25 32	50 8	...	...	...	...	...	...	...	...	...
	Average	7 27	18 0	507 8	1,221 11	26 2	50 8	133 28	150 0	...	...	...	...	...	...	...
103	Khomhdi	1st year...	11 7	27 2	325 3	789 4	...	...	...	...	...	...	...	...	...	...
	5th	3 18	88 10	883 16	2,123 0	...	...	195 12	227 0	...	...	...	...	...	...	...
	10th	10 1	24 10	792 7	1,999 0	...	...	49 15	45 8	...	...	...	...	...	...	...
	Average	17 9	36 13	666 23	1,903 12	...	...	73 22	90 13	...	...	...	...	...	...	...
104	Sirani	1st year...	15 36	39 2	501 7	1,241 8	...	...	...	...	...	...	...	...	...	...
	5th	9 13	23 0	602 29	1,482 10	4 20	10 8	166 34	223 0	...	...	...	...	...	...	...
	10th	4 31	12 2	643 37	1,567 0	...	...	36 23	36 8	...	...	...	...	...	...	...
	Average	10 0	24 12	582 24	1,437 1	1 20	3 8	72 19	86 8	...	...	...	...	...	...	...
105	Tali	1st year...	21 37	53 8	636 11	1,566 4	1 10	3 0	6 5	7 0	...	...	...	...	...	...
	5th	12 14	29 0	739 10	1,803 8	6 10	16 0	287 15	330 4	...	...	...	...	...	...	...
	10th	8 32	21 0	633 7	1,552 8	2 30	5 0	39 10	46 8	...	...	...	...	...	...	...
	Average	14 14	34 8	689 23	1,640 12	3 17	8 0	110 37	127 15	...	...	...	...	...	...	...
106	Shekhpur	1st year...	...	...	472 31	1,145 0	...	...	80 10	93 0	...	...	...	...	...	...
	5th	6 30	21 0	124 10	301 8	...	...	1 9 9	151 8	...	...	...	...	...	...	...
	10th	...	...	229 18	556 8	...	...	30 39	46 0	...	...	...	...	...	...	...
	Average	2 37	7 0	275 20	667 11	...	...	86 19	95 13	...	...	...	...	...	...	...
107	Gurabo	1st year...	9 7	22 0	633 24	1,545 8	8 10	15 0	237 36	242 0	...	...	...	...	...	...
	5th	...	...	836 11	1,351 8	9 25	24 0	237 36	242 0	...	...	...	...	...	...	...
	10th	...	...	663 35	1,611 8	2 38	6 0	49 15	55 8	...	...	...	...	...	...	...
	Average	3 2	7 5	617 23	1,503 13	6 38	15 0	95 30	112 8	...	...	...	...	...	...	...
108	Rungahadi	1st year...	...	...	279 9	676 0	...	...	...	...	...	...	...	...	...	...
	5th	...	...	294 27	686 0	...	...	134 0	132 8	...	...	...	...	...	...	...
	10th	...	...	304 6	727 8	1 21	3 8	16 23	29 8	...	...	...	...	...	...	...
	Average	...	...	289 14	696 3	0 20	1 3	50 34	60 8	...	...	...	...	...	...	...
109	Nangarkhet	1st year...	0 26	1 8	530 39	1,275 8	...	...	...	...	...	...	...	...	...	...
	5th	9 31	22 8	712 15	1,715 0	...	...	57 16	63 8	...	...	...	...	...	...	...
	10th	3 35	9 0	742 19	1,746 8	24 39	3 0	...	...	...	...	...	...	...	...	...
	Average	4 31	11 0	661 38	1,592 5	8 13	1 0	19 5	21 3	...	...	...	...	...	...	...

BAHIL.										BAHUL PLANTATION.				BARANI.				TOTAL.	
LIFT AND FLOW.			SAILAB.		BOBI.		Area.		Assessment.		Kharif.		Rabi.						
Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	
Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	
...	...	...	6 29	15 8	...	...	...	...	...	...	...	...	...	...	...	...	128 1	292 8	
...	...	...	29 5	45 0	...	...	...	...	...	...	...	...	...	...	...	...	138 13	296 0	
...	...	...	9 15	15 0	...	...	...	...	...	...	...	...	...	...	...	...	151 1	496 0	
...	...	...	15 0	25 3	...	...	...	...	...	...	...	...	...	...	...	...	149 5	331 9	
...	...	...	1 20	3 8	...	...	6 12	2 8	...	...	...	...	...	...	...	...	452 18	1,025 8	
...	...	...	61 24	98 0	...	...	22 15	5 0	...	...	...	...	...	...	...	...	573 2	1,212 3	
...	...	...	4 33	5 0	19 11	31 0	11 23	4 8	...	...	...	...	...	...	...	...	761 26	1,627 0	
...	...	...	22 26	36 8	6 17	10 5	13 17	5 0	...	...	...	...	...	...	...	...	596 2	1,298 5	
...	...	...	76 2	126 0	...	...	53 7	24 0	...	...	...	...	...	...	...	...	819 20	1,743 12	
13 0	...	...	...	...	83 21	146 0	20 32	5 14	...	...	...	...	...	...	...	...	1,132 15	2,279 2	
...	...	...	...	...	...	...	12 11	3 6	...	...	...	...	...	...	...	...	1,027 23	2,342 2	
4 5	...	...	25 14	42 0	27 34	49 11	29 3	11 1	...	...	...	...	...	...	...	...	993 6	2,121 11	
...	...	...	0 15	0 12	...	...	40 35	15 0	...	...	...	...	...	...	...	...	558 16	1,284 0	
...	...	...	...	...	232 18	406 0	39 35	10 0	...	...	...	...	...	...	...	...	883 16	1,953 0	
...	...	...	0 5	0 4	77 19	135 5	11 17	3 4	...	...	...	...	...	...	...	...	976 24	2,176 4	
...	...	...	...	...	...	...	30 29	9 7	...	...	...	...	...	...	...	...	86 5	1,784 12	
...	...	...	20 2	35 0	...	...	53 20	19 12	...	...	...	...	...	...	...	...	873 12	2,013 14	
...	...	...	...	...	120 19	199 0	81 34	25 4	...	...	...	...	...	...	...	...	1,229 15	2,049 6	
...	...	...	...	...	...	...	28 26	10 12	...	...	...	...	...	...	...	...	839 30	1,805 4	
...	...	...	6 11	11 11	40 6	66 5	64 27	20 9	...	...	...	...	...	...	...	...	980 32	1,956 6	
...	...	...	44 5	77 0	...	...	85 27	33 0	...	...	...	...	...	...	...	...	710 30	1,515 8	
...	...	...	38 17	51 4	...	...	89 24	26 12	...	...	...	...	...	...	...	...	970 25	1,989 0	
...	...	...	...	...	6 33	10 8	91 2	28 6	...	...	...	...	...	...	...	...	590 26	2,040 14	
...	...	...	27 21	42 12	2 11	3 8	86 31	29 6	...	...	...	...	...	...	...	...	870 26	1,851 2	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	77 5	177 0	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	88 37	225 8	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	67 0	165 8	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	51 1	186 0	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	65 20	222 0	
...	...	...	...	...	...	...	82 30	16 0	...	...	...	...	...	...	...	...	139 28	119 8	
...	...	...	...	...	...	...	85 9	16 6	...	...	...	...	...	...	...	...	168 5	58 8	
...	...	...	...	...	...	...	55 38	10 13	...	...	...	...	...	...	...	...	112 33	133 5	
...	...	...	6 10	10 0	...	...	...	...	...	...	...	...	...	...	...	...	420 30	1,016 0	
...	...	...	28 5	50 0	...	...	...	...	...	...	...	...	...	...	...	...	979 12	1,799 8	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	658 10	1,565 0	
...	...	...	11 18	20 0	...	...	...	...	...	...	...	...	...	...	...	...	686 4	1,460 3	
...	...	...	27 27	46 0	...	...	...	...	...	...	...	...	...	...	...	...	336 10	816 6	
...	...	...	...	...	151 24	251 8	4 11	1 8	...	...	...	...	...	...	...	...	1,136 33	2,454 10	
...	...	...	9 9	15 5	50 21	83 13	1 18	0 8	...	...	...	...	...	...	...	...	988 21	2,222 2	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	823 35	1,831 1	
...	...	...	1 39	3 0	...	...	4 30	2 0	...	...	...	...	...	...	...	...	523 23	1,385 10	
...	...	...	53 25	92 0	...	...	7 39	3 0	...	...	...	...	...	...	...	...	861 21	1,934 2	
...	...	...	...	...	28 34	47 0	12 37	4 12	...	...	...	...	...	...	...	...	721 2	1,637 6	
...	...	...	18 18	31 11	9 25	15 11	8 19	3 4	...	...	...	...	...	...	...	...	703 5	1,602 6	
...	...	...	28 8	47 0	...	...	55 5	21 8	...	...	...	...	...	...	...	...	749 36	1,693 4	
...	...	...	66 19	114 8	169 29	286 8	56 25	18 0	...	...	...	...	...	...	...	...	1,168 13	2,511 4	
...	...	...	...	...	...	...	67 17	20 8	...	...	...	...	...	...	...	...	821 5	1,932 0	
...	...	...	31 22	53 13	56 23	95 8	60 2	20 0	...	...	...	...	...	...	...	...	946 18	1,930 8	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	637 19	54 15	...	...	...	...	...	...	...	...	53 1	1,235 0	
...	...	...	...	...	...	...	672 32	61 0	...	...	...	...	...	...	...	...	909 27	528 15	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	942 9	656 8	
...	...	...	...	...	...	...	438 30	30 5	...	...	...	...	...	...	...	...	801 28	906 13	
...	...	...	...	...	...	...	22 10	8 8	...	...	...	...	...	...	...	...	673 11	1,591 0	
...	...	...	32 12	56 0	...	...	46 25	12 12	...	...	...	...	...	...	...	...	882 30	1,726 4	
...	...	...	...	...	50 8	82 8	35 29	12 8	...	...	...	...	...	...	...	...	801 5	1,768 0	
...	...	...	10 31	18 11	16 29	27 8	34 35	11 4	...	...	...	...	...	...	...	...	785 23	1,695 1	
...	...	...	12 5	20 0	...	...	9 10	3 8	...	...	...	...	...	...	...	...	300 24	699 8	
...	...	...	1 39	3 0	...	...	9 10	2 8	...	...	...	...	...	...	...	...	431 36	844 0	
...	...	...	...	...	25 9	41 8	...	...	...	...	...	...	...	...	...	...	347 19	801 8	
...	...	...	4 28	7 11	8 16	13 13	6 7	2 0	...	...	...	...	...	...	...	...	360 0	781 11	
...	...	...	3 5	5 0	...	...	5 20	2 0	...	...	...	...	...	...	...	...	540 10	1,294 0	
...	...	...	...	...	...	...	68 8	15 12	...	...	...	...	...	...	...	...	847 30	1,816 12	
...	...	...	...	...	14 21	25 0	66 25	15 12	...	...	...	...	...	...	...	...	832 19	1,839 4	
...	...	...	1 2	1 11	4 34	8 5	40 31	11 3	...	...	...	...	...	...	...	...	746 20	1,646 11	

No.	Name of village.	GARDENS.		RICE UNDER FLOW.		OTHER FLOW.		LIST.		LIST AND FLOW.		FLOW.		LI.
		Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	
3rd Group—contd.														
110	Makhandi	1st year	32	2 0	178 11	431 4	...	...	251 31	288 0	...	...	...	...
		5th	2 8	5 0	345 16	625 8	47 6	93 0	57 7	63 0	...	...	...	...
		9th	...	...	...	...	...	...	...	...	...	...	...	...
		Average	1 0	2 5	282 32	576 5	15 29	31 0	102 39	117 0	...	...	...	...
111	Gad	1st year	7 10	16 0	382 0	546 0	10 30	22 0	133 20	138 8	...	...	...	...
		5th	...	...	318 21	437 8	8 39	17 0	355 29	443 0	...	...	...	...
		9th	5 3	19 0	448 20	1,103 0	8 39	17 0	35 24	40 0	14 7	27 0	...	...
		Average	5 4	11 11	393 2	546 13	6 23	13 0	164 36	206 13	4 29	9 0	...	...
112	Waharar...	1st year	11 0	28 0	481 7	1,178 0	1 10	2 8	382 25	439 8	...	...	...	...
		5th	...	...	495 11	1,347 0	...	...	7 11	12 8	...	...	...	...
		9th	...	...	256 8	645 0	...	...	...	...	...	...	...	...
		Average	3 27	8 11	314 8	816 0	0 17	0 13	129 39	150 11	...	...	...	...
113	Chaubandi.	1st year	2 26	6 0	361 6	897 0	2 20	5 0	69 19	64 8	...	...	...	...
		5th	...	...	718 14	1,751 0	3 30	7 0	...	...	...	...	...	...
		9th	...	...	401 28	1,179 0	...	...	...	...	...	...	...	...
		Average	0 33	2 0	523 31	1,279 11	2 3	4 0	23 6	21 8	...	...	3 3	7 5
114	Bidabdi	1st year	0 7	0 4	305 18	724 2	196 24	246 8	138 0	135 8	11 30	22 0	...	...
		5th	1 25	3 0	23 20	615 0	94 25	153 0	...	...	...	...	...	...
		9th	...	...	422 22	990 8	...	...	...	...	...	...	...	...
		Average	0 24	1 3	330 20	776 9	70 16	131 3	46 0	46 3	3 37	7 5	...	...
115	Majabasri.	1st year	...	...	323 31	793 8	0 9	0 8	621 20	603 8	...	...	...	...
		5th	...	...	113 25	265 8	...	...	...	...	...	...	...	...
		9th	...	...	191 35	443 8	...	...	...	...	...	...	...	...
		Average	...	...	209 31	602 8	0 3	0 3	207 7	201 3	...	...	...	...
116	Ghurbi	1st year	...	...	451 6	1,098 0	...	...	250 35	303 0	...	...	...	...
		5th	...	...	186 5	455 0	...	...	...	...	...	...	...	...
		9th	...	...	229 7	550 0	...	...	...	...	...	...	...	...
		Average	...	...	288 19	707 5	...	...	83 25	104 0	...	...	...	...
117	Nareri	1st year	...	...	1,442 29	3,575 0	...	...	...	...	...	...	...	...
		5th	...	...	1,614 4	3,974 12	...	...	347 1	410 0	...	...	...	...
		9th	...	...	1,393 1	3,451 12	...	...	...	...	...	...	...	...
		Average	...	...	1,453 11	3,665 3	...	...	115 27	156 11	...	...	...	...
118	Dengar	1st year	...	...	443 16	1,098 8	...	...	162 8	211 4	...	...	...	...
		5th	4 5	10 0	467 34	1,148 4	...	...	...	...	...	...	...	...
		9th	...	...	343 1	747 8	...	...	...	...	...	...	...	...
		Average	1 15	3 5	404 30	998 1	...	...	60 29	70 7	...	...	10 10	25 0
119	Bahadmi	1st year	23 39	60 0	345 34	865 0	7 20	11 0	3 10	4 0	...	...	...	...
		5th	27 10	75 6	369 20	914 8	4 38	9 8	84 29	105 0	5 35	15 0	...	...
		9th	...	...	755 22	1,830 0	...	...	...	...	...	...	...	...
		Average	17 0	45 3	450 13	1,223 3	4 0	6 13	29 10	36 5	1 38	5 0	...	...
120	Mor	1st year	...	...	...	...	...	...	...	...	...	...	...	...
		5th	...	...	...	...	...	...	...	...	...	...	...	...
		9th	...	...	...	...	...	...	...	...	...	...	...	...
		Average	...	...	...	...	...	...	...	...	...	...	...	...
121	Banghar	1st year	...	...	...	...	3 23	3 8	...	...	...	...	...	...
		5th	...	...	...	...	...	...	219 20	223 8	...	...	...	...
		9th	...	...	310 15	747 0	...	...	39 10	44 8	...	...	...	...
		Average	...	...	103 14	249 0	1 7	1 3	86 10	89 0	...	...	...	...
122	Waghao Baho.	1st year	7 30	20 0	881 39	2,178 6	4 2	8 8	3 7	4 0	1 20	3 0	...	...
		5th	5 21	12 8	913 36	2,312 12	2 35	5 0	88 37	104 12	4 25	8 8	...	...
		9th	5 13	11 8	911 15	2,256 0	2 13	4 0	...	...	...	...	...	3 16
		Average	6 8	14 11	913 17	2,242 1	3 3	5 13	30 25	34 15	2 2	3 13	...	1 6
123	Kunar	1st year	...	...	...	...	...	...	...	...	...	...	...	...
		5th	...	...	60 36	124 0	0 37	2 0	...	...	...	...	...	...
		9th	...	...	40 3	108 8	...	...	20 35	34 0	...	...	...	...
		Average	...	...	339 15	822 8	13 35	28 8	...	...	...	...	...	7 0
124	Lao	1st year	...	...	...	...	...	...	...	...	...	...	...	...
		5th	...	...	...	...	...	...	...	...	...	...	...	...
		9th	...	...	...	...	...	...	...	...	...	...	...	...
		Average	...	...	145 18	351 0	4 37	10 3	8 38	11 5	...	...	...	2 13
125	Gabarlo	1st year	0 5	0 4	432 35	1,092 0	...	...	...	...	...	...	...	...
		5th	...	...	1,772 31	4,835 0	41 25	81 8	...	...	...	...	...	...
		9th	...	...	1,185 5	2,904 4	...	...	623 9	622 8	...	...	...	...
		Average	0 3	0 1	1,130 10	2,807 1	13 35	26 13	174 16	207 8	...	...	...	...
126	Aesh	1st year	1 29	4 0	120 13	378 0	1 15	1 8	...	...	...	...	...	...
		5th	17 39	45 0	708 12	1,770 0	80 3	160 0	...	...	...	...	...	...
		9th	4 25	11 0	382 20	942 8	...	...	455 10	542 4	...	...	...	...
		Average	8 1	20 0	413 28	1,029 8	27 6	53 13	151 33	180 12	...	...	...	...

XIV-A—continued.

EABI.								DARUL PLANTATION.		BARANI.						TOTAL.	
LIFT AND FLOW.			SAILAR.		DOST.					KHARIF.		RABI.					
Assess- ment.	Area.	Assess- ment.	Area.	Assess- ment.	Area.	Assess- ment.	Area.	Assess- ment.	Area.	Assess- ment.	Area.	Assess- ment.	Area.	Assess- ment.	Area.	Assess- ment.	
Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	
...	...	...	18 10	27 11	...	...	21 7	8 8	...	...	...	...	...	213 29	...	467 0	
...	...	...	117 4	300 4	...	...	64 15	19 4	...	...	...	...	...	639 31	...	681 8	
...	...	...	...	...	31 14	...	30 16	5 0	...	...	...	...	...	553 27	...	1,146 6	
...	...	...	44 19	75 12	10 18	19 5	38 26	10 15	...	...	...	...	...	465 29	...	865 0	
...	...	...	...	...	...	...	31 19	13 0	...	...	...	...	...	554 17	...	1,113 4	
...	...	...	16 35	28 0	69 2	119 8	66 21	23 8	...	...	...	...	...	828 12	...	1,373 0	
...	...	...	...	...	...	...	58 35	20 8	...	...	...	...	...	643 14	...	1,346 0	
...	...	...	5 25	9 5	23 1	59 13	42 11	19 0	...	...	...	...	...	675 13	...	1,277 8	
...	...	...	1 30	3 0	...	...	863 35	59 0	...	...	...	...	...	1,349 2	...	1,240 8	
...	...	...	42 20	81 8	4 19	7 8	900 5	89 11	...	...	...	...	...	1,601 21	...	1,272 11	
...	...	...	...	...	...	...	970 14	104 14	...	...	...	...	...	1,236 9	...	759 14	
...	...	...	14 30	28 3	1 20	2 8	911 18	64 3	...	...	...	...	...	1,395 37	...	1,041 0	
...	...	...	...	...	...	...	15 11	5 4	...	...	...	...	...	378 37	...	907 4	
...	...	...	96 5	164 0	...	...	15 11	5 0	...	...	...	...	...	907 24	...	2,409 8	
7 8	...	...	...	...	3 19	8 0	...	...	...	...	...	...	...	509 27	...	1,216 8	
2 8	...	...	32 28	54 11	1 6	2 11	10 7	3 7	...	...	...	...	...	598 29	...	1,377 12	
...	...	...	63 19	103 8	...	...	...	...	...	...	...	...	...	495 28	...	1,068 10	
...	...	...	1 25	2 8	...	...	...	...	...	...	...	...	...	801 5	...	934 0	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	422 22	...	986 8	
...	...	...	21 28	35 5	...	...	...	...	...	...	...	...	...	473 6	...	997 11	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	18 15	4 8	...	...	...	...	...	324 0	...	794 0	
...	...	...	...	...	...	...	26 36	6 0	...	...	...	...	...	753 20	...	873 8	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	218 36	...	451 8	
...	...	...	...	...	...	...	15 4	3 8	...	...	...	...	...	432 5	...	707 5	
...	...	...	...	...	...	...	36 30	13 8	...	...	...	...	...	497 36	...	1,121 8	
...	...	...	...	...	...	...	33 35	11 8	...	...	...	...	...	470 35	...	769 8	
...	...	...	...	...	...	...	11 24	4 8	...	...	...	...	...	239 31	...	563 8	
...	...	...	...	...	...	...	27 16	9 13	...	...	...	...	...	399 21	...	618 3	
...	...	...	...	...	...	...	8 20	3 0	...	...	...	...	...	1,451 9	...	3,578 0	
...	...	...	9 20	17 0	...	...	12 10	4 8	...	...	...	...	...	1,362 35	...	4,406 4	
...	...	...	...	...	30 34	51 8	3 8	1 8	...	...	...	...	...	1,427 23	...	3,507 12	
...	...	...	3 7	5 11	19 11	17 3	8 6	3 0	...	...	...	...	...	1,620 22	...	3,830 11	
...	...	...	...	...	...	...	0 32	0 4	...	...	...	...	...	444 2	...	1,096 12	
...	...	...	55 16	92 8	...	...	0 32	0 4	...	...	...	...	...	710 19	...	1,462 4	
8 8	...	...	...	...	50 16	88 0	0 32	0 4	...	...	...	...	...	389 8	...	915 4	
1 8	...	...	18 19	30 13	16 32	29 5	0 32	0 4	...	...	...	...	...	314 23	...	1,158 12	
...	...	...	2 0	3 8	...	...	225 36	88 2	3 0	3 6	...	...	...	611 16	...	1,035 2	
...	...	...	27 0	48 8	...	...	262 10	83 0	...	...	...	...	...	1,361 13	...	1,361 13	
...	...	...	...	...	22 18	39 0	1 4 19	43 4	...	...	...	...	...	892 18	...	1,072 4	
...	...	...	9 27	17 5	7 19	13 0	00 35	74 13	1 0	1 3	...	...	...	701 39	...	1,422 13	
...	...	...	...	...	...	...	...	...	6 30	7 0	...	...	...	...	...	...	
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...	...	...	23 32	52 0	3 22	6 0	31 3	9 0	...	...	...	...	...	296 5	...	236 12	
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...	...	...	9 4	20 0	1 7	2 0	22 3	5 1	...	...	...	...	...	223 10	...	366 4	
...	...	...	2 9	4 4	...	...	35 15	13 8	...	...	...	...	...	939 2	...	2,231 10	
...	...	...	11 35	19 8	...	...	41 35	13 6	...	...	...	...	...	1,099 24	...	2,472 0	
...	...	...	...	...	110 26	188 0	21 16	6 8	...	...	...	...	...	1,054 19	...	2,448 0	
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~~1988~~ *Sancti Bayro x*
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No.	Name of village.	GARDENS.		KHARIF.											
				RICE UNDER FLOW.		OTHERS FLOW.		LIFT.		LIFT AND FLOW.		Flow.		La.	
		Area.	Assess- ment.	Area.	Assess- ment.	Area.	Assess- ment.	Area.	Assess- ment.	Area.	Assess- ment.	Area.	Assess- ment.		Area.
4th Group—contd.															
160	Walhari	1st year	...	...	...	...	...	...	...	...	...	...	...	...	
		5th	...	...	...	...	...	...	...	...	...	...	...	...	
		9th	...	...	...	...	...	...	...	...	...	...	...	...	
	Average	...	...	...	...	...	...	...	...	...	...	...	...	...	
161	Singari	1st year	...	...	...	...	17 0	17 0	...	...	...	...	...	...	
		5th	...	...	...	...	...	...	...	...	...	...	...	...	
		9th	...	...	...	...	...	...	...	...	...	...	...	...	
	Average	...	...	...	...	5 27	5 11	...	...	...	...	...	...	...	
162	Kak	1st year	...	...	...	...	...	...	...	...	...	...	...	...	
		5th	...	...	...	...	...	...	...	...	...	...	...	...	
		9th	...	...	...	...	...	...	...	...	...	...	...	...	
	Average	...	...	...	...	...	...	...	...	...	...	...	...	...	
163	Jhanjhill	1st year	...	...	338 35	758 14	...	...	...	...	...	...	...	...	
		5th	1 20	3 8	233 25	623 0	79 26	134 8	...	...	...	...	...	...	
		9th	1 18	3 8	32 26	72 0	...	...	...	...	...	...	...	436 15	
	Average	0 39	2 5	201 29	451 10	26 22	44 13	...	...	...	...	...	...	145 18	
164	Pakho Thar.	1st year	...	...	8 30	20 0	...	...	...	...	...	...	...	...	
		5th	...	...	2 36	5 0	...	...	...	...	...	...	...	...	
		9th	...	...	...	...	...	...	...	...	...	...	...	...	
	Average	...	...	3 35	8 5	...	...	...	...	...	...	...	...	...	
165	Mithi	1st year	...	...	64 17	145 0	...	...	5 0	5 0	...	...	...	...	
		5th	...	...	7 23	17 0	...	...	...	...	...	...	...	...	
		9th	1 17	3 0	59 7	132 8	...	...	61 70	61 0	...	...	...	...	
	Average	0 19	1 0	43 30	98 3	...	...	22 10	22 0	...	...	...	...	...	
166	Widri	1st year	...	...	39 23	67 8	1 30	3 0	...	...	...	...	...	...	
		5th	...	...	29 22	65 0	4 10	7 0	...	...	...	...	...	...	
		9th	...	...	...	...	8 37	11 8	3 7	3 0	...	...	...	...	
	Average	...	...	20 2	44 3	4 39	7 3	1 0	1 0	...	...	...	...	...	
167	Kumbharo.	1st year	1 31	3 8	81 33	180 0	6 3	10 0	9 15	8 8	...	...	...	...	
		5th	4 11	9 8	23 20	52 4	24 35	42 0	18 10	18 0	...	...	...	...	
		9th	5 36	12 8	45 2	99 8	1 8	2 0	9 18	9 0	...	...	...	...	
	Average	3 39	8 8	50 5	110 9	10 29	18 0	12 14	11 13	...	...	...	...	...	
168	Padhar	1st year	...	...	231 25	507 0	...	...	...	...	...	...	...	...	
		5th	...	...	95 15	206 0	16 25	24 0	18 30	11 8	...	...	...	...	
		9th	...	...	165 19	360 0	7 5	11 8	...	...	...	...	...	...	
	Average	...	...	164 6	357 11	7 37	13 3	4 23	3 13	...	...	...	...	...	
169	Sahla	1st year	...	...	39 0	86 8	1 19	2 8	...	...	...	...	...	...	
		5th	...	...	23 31	63 0	13 32	24 12	...	...	...	...	...	...	
		9th	...	...	22 33	49 0	...	...	20 23	20 4	...	...	...	...	
	Average	...	...	30 8	66 3	5 4	9 1	6 34	6 12	...	...	...	...	...	
Total of the 4th Group.	1st year	31 0	69 12	4,044 13	8,906 14	137 17	236 12	39 26	39 8	...	...	...	...	...	
	5th	41 31	91 8	4,023 22	8,856 4	470 34	80 8	1,312 4	1,225 12	...	...	...	...	...	
	9th & 10th	33 29	69 8	6,394 27	14,060 4	459 8	777 0	2,654 7	2,680 4	1 17	2 8	...	...	432 39	
	Average	35 20	76 9	4,834 21	10,607 13	355 33	604 12	1,401 39	1,308 3	0 19	0 13	...	...	161 0	
Total of the Taluka.	1st year	673 33	1,787 14	82,262 35	1,59,733 13	1,201 13	2,261 0	1,563 6	1,733 4	250 37	568 0	...	...	9 25	
	5th	902 4	2,444 10	69,831 10	1,82,038 13	1,953 8	3,062 8	19,373 31	24,778 8	230 20	603 8	...	...	48 9	
	9th & 10th	794 26	2,129 4	74,149 19	1,94,361 2	1,612 23	2,740 7	7,163 1	8,523 12	135 0	369 0	56 36	129 12	976 35	
	Average	790 8	2,121 15	68,424 8	1,78,717 15	1,555 28	2,934 10	9,309 39	11,678 8	205 19	493 8	19 39	43 4	344 36	

NOTE.—Last year was the 9th year of the settlement for some debts and the 10th year for others. These debts are only found in the 2nd, 3rd and 4th Groups.

XIV-A—concluded.

[illegible]

B. A. BRENDON,
Assistant Collector, Tando.

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~~the~~ Francis Bazo &
IOR Baden Valtkeas,
Hylleraback 1898

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Reference (9) 2485-
1st. *insects* *Bergo* +
for *Section* *William*
My *Star* *Post* 1858

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APPENDIX XIV-B.

Statement showing dubari cultivation in each village of the Badin Taluka under each head of irrigation for the first, fifth and tenth years (ninth year for 54 villages) of the current settlement.

No.	Name of village.	Year.	GARDENS, &c.		KHARIF.		RABI.										TOTAL.	
			RICE UNDER FLOW.		FLOW.		LIFT.		LIFT AIDED BY FLOW.		SAILAB.		BOWI.					
			Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.
1st Group.			A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.
1	Lakhi	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	10 0	7 4	...	...	...	...	...	...	...	...	60 30	15 8	60 30	15 8
2	Bhanki	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	12 0	3 0	12 0	3 0
3	Dando	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	13 1	3 12	...	...	...	...	...	...	...	...	21 30	5 8	60 10	14 0
4	Perozpur	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	30 24	13 8	...	...	...	...	...	...	...	...	24 30	5 12	24 30	5 12
5	Jiat	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	16 32	9 4	...	...	...	...	...	...	...	...	22 10	5 8	22 10	5 8
6	Widho Channro.	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	57 10	14 4	57 10	14 4
7	Habachh	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	10 15	4 12	...	...	...	...	...	...	...	...	60 10	17 6	69 10	17 6
8	Mozhar	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	4 5	2 0	3 30	3 8	...	...	...	...	...	...	20 15	5 2	20 25	5 2
9	Talhar	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	26 1	21 4	2 7	3 12	...	...	...	...	...	...	...	...	123 10	24 12	122 10	24 12
10	Seri	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	15 30	13 0	...	...	...	...	...	...	...	...	...	...	33 10	8 0	33 10	8 0
11	Patahrian	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	38 5	9 0	38 5	9 0
12	Bagirki	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	Sandki	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	0 15	0 8	...	...	...	...	...	...	...	...	70 15	17 4	70 15	17 4
14	Lundki	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	0 5	0 3	...	...	...	...	...	...	...	...	24 32	6 0	24 37	6 3

APPENDIX XIV-B—continued.

No.	Names of village.	Year.	GARDENS, &c.		KHARIF.		RABI.								TOTAL.			
					OTHERS FLOW.		FLOW.		LIFT.		LIFT AIDED BY FLOW.		SAILAB.		BOSI.			
			Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.
1st Group—continued.			A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.
15	Parhiarki	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	2 10	0 9	2 10	0 9
16	Chaneri	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	9 7	1 4	...	...	...	...	...	...	...	...	6 30	1 12	6 30	1 12
17	Kohar	...	...	...	...	...	...	...	...	...	...	...	...	...	5 5	1 3	5 5	1 3
18	Mughal Hafiz.	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	7 1	5 0	...	...	...	...	...	...	...	...	22 10	5 4	22 10	5 4
19	Chak	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	8 10	2 0	8 10	2 0
20	Widh	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	2 20	0 10	2 20	0 10
21	Wisarki	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	23 25	5 12	23 25	5 12
22	Durmano	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	16 15	4 0	16 15	4 0
23	Shorki	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	Bojharli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	Robhan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	Dhandi	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	3 10	0 12	3 10	0 12
27	Moro	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	1 25	0 4	1 25	0 4
28	Khirdahi	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	3 10	0 12	3 10	0 12
29	Borabandi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	Bhitari	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	6 10	2 0	6 10	2 0
31	Walhar	{ 1st year... 1896-97 5th .. 1899-01 10th .. 1895-96 Average...	...	...	1 4	0 4	...	...	...	...	...	...	...	...	10 25	2 8	10 25	2 8

[illegible]

No.	Name of village.	Year.	GARDENS, &c.		KHARIF.		RABI.										TOTAL.	
							RICE UNDER FLOW.		FLOW.		LEFT.		LEFT AIDED BY FLOW.		RAILS.				BOAT.
			Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.
	2nd Group—contd.		A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.
49	Panchi { 1st year... 1886-87 5th .. 1890-91 10th .. 1895-96 Average...														0 35 6 10 2 15	0 2 1 8 0 9	0 35 6 10 2 15	0 2 1 8 0 9
50	Kadi Kasia { 1st year... 1886-87 5th .. 1890-91 10th .. 1895-96 Average...														1 20 5 15 2 13	0 4 1 4 0 8	1 20 6 15 2 12	0 4 1 4 0 8
51	Chirandi { 1st year... 1886-87 5th .. 1890-91 10th .. 1895-96 Average...														6 35 ... 2 12	1 8 ... 0 8	6 35 ... 2 12	1 8 ... 0 8
52	Sonhar { 1st year... 1886-87 5th .. 1890-91 10th .. 1895-96 Average...														15 25 4 10 4 0 7 38	3 8 1 0 3 0 2 8	15 25 4 10 4 0 7 38	3 8 1 0 3 0 2 8
53	Ghanghro { 1st year... 1886-87 5th .. 1890-91 10th .. 1895-96 Average...														9 35 ... 3 12	2 4 ... 0 12	9 35 ... 3 12	2 4 ... 0 12
54	Sarahadi ...																	
55	Janat ...																	
56	Patar { 1st year... 1886-87 5th .. 1890-91 10th .. 1895-96 Average...				0 14	1 8									4 10 ... 1 17	1 0 ... 0 5	4 10 0 14 1 21	1 0 1 8 0 13
57	Badin { 1st year... 1886-87 5th .. 1890-91 10th .. 1895-96 Average...														12 35 26 35 ... 13 10	3 0 6 8 0 8 3 5	12 35 26 35 ... 13 10	3 0 6 8 0 8 3 5
58	Kerandi { 1st year... 1886-87 5th .. 1890-91 10th .. 1895-96 Average...														2 16 ... 0 32	0 8 ... 0 3	2 16 ... 0 32	0 8 ... 0 3
59	Bokhi { 1st year... 1886-87 5th .. 1890-91 10th .. 1895-96 Average...														22 35 9 10 ... 10 28	5 8 2 4 ... 2 9	22 35 9 10 ... 10 1	5 8 2 4 ... 2 9
60	Kaimpur { 1st year... 1886-87 5th .. 1890-91 10th .. 1895-96 Average...														6 25 10 20 ... 5 28	1 8 2 8 ... 1 5	6 25 10 20 ... 5 28	1 8 2 8 ... 1 5
61	Chorahlo { 1st year... 1886-87 5th .. 1890-91 10th .. 1895-96 Average...														24 35 36 25 ... 20 20	8 2 9 0 ... 5 11	24 35 36 25 ... 20 20	8 2 9 0 ... 5 11
62	Abri { 1st year... 1886-87 5th .. 1890-91 10th .. 1895-96 Average...														5 5 20 15 ... 8 20	... 5 0 ... 1 11	5 5 20 15 ... 8 20	... 5 0 ... 1 11
63	Ret { 1st year... 1886-87 5th .. 1890-91 10th .. 1895-96 Average...														7 25 2 38 ... 3 20	1 14 2 0 ... 1 5	7 25 2 38 ... 3 20	1 14 2 0 ... 1 5
64	Chandesi { 1st year... 1886-87 5th .. 1890-91 10th .. 1895-96 Average...														7 25 ... 2 23	1 12 ... 0 9	7 25 ... 2 22	1 12 ... 0 9

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Hypocretaceous 1898

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1	2	3	4	5	6

Reference (9) 2485-
104 *Adams* *Bingo* +
108 *Adams* *Billie*
109 *Adams* *Billie*
110 *Adams* *Billie* 1855

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APPENDIX XIV-B—continued.

No.	Name of village.	Year.	GARDENS, &c.		KHAIRIF.				RAHIL.										TOTAL.	
					RICE UNDER FLOW.		FLOW.		LIFT.		LIFT AIDED BY FLOW.		SAILAB.		BOSI.					
			Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.		
2nd Group—contd.			A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.		
65	Kalhorli	{ 1st year... 1890-97 5th .. 1890-91 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	47 10 5 0 17 17	...	47 10 5 0 17 17	...		
66	Bakhu Khadi.	{ 1st year... 1890-97 5th .. 1890-91 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	30 15 18 25 16 13	7 8 4 6 4 0	30 15 18 25 16 13	7 8 4 6 4 0		
67	Kamara	{ 1st year... 1890-97 5th .. 1890-91 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	4 25 0 22 1 29	1 0 1 8 0 13	4 25 0 22 1 29	1 0 1 8 0 13		
68	Jhurkandi.	{ 1st year... 1890-97 5th .. 1890-91 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	9 25 14 10 7 38	2 0 3 8 1 13	9 25 14 10 7 38	2 0 3 8 1 13		
69	Ojhi	{ 1st year... 1890-97 5th .. 1890-91 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	11 10 2 0 4 17	2 12 1 8 1 7	11 10 2 0 4 17	2 12 1 8 1 7		
70	Bakhsal.	{ 1st year... 1890-97 5th .. 1890-91 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	8 10 8 15 5 22	2 0 2 0 1 5	8 10 8 15 5 22	2 0 2 0 1 5		
71	Janki	{ 1st year... 1890-97 5th .. 1890-91 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	4 25 18 10 7 25	1 0 4 8 1 13	4 25 18 10 7 25	1 0 4 8 1 13		
72	Luwari	{ 1st year... 1890-97 5th .. 1890-91 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	4 10 1 38 2 3	6 0 1 38 2 0	4 10 1 38 2 0	6 0 1 38 2 0		
73	Indahlo	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
74	Udha	{ 1st year... 1890-97 5th .. 1890-91 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	27 15 9 5	7 0 2 5	27 15 9 5	7 0 2 5		
75	Sararo	{ 1st year... 1890-97 5th .. 1890-91 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	31 0 23 30 26 12	7 4 5 12 7 1	31 0 23 30 26 12	7 4 5 12 7 1		
76	Pano Lundki.	{ 1st year... 1897-98 5th .. 1891-92 9th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	97 10 12 0 4 0	24 4 11 4 3 12	97 10 12 0 4 0	24 4 11 4 3 12		
77	Khakhar	{ 1st year... 1897-98 5th .. 1891-92 9th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	55 25 241 25 33 15	29 0 60 8 6 8	55 25 241 25 33 15	29 0 60 8 6 8		
78	Bhamblki.	{ 1st year... 1897-98 5th .. 1891-92 9th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	75 10 2 0 0 27	18 12 1 8 0 8	75 10 2 0 0 27	18 12 1 8 0 8		
79	Angri	{ 1st year... 1897-98 5th .. 1891-92 9th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	104 25 34 35	26 2 8 11	104 25 34 35	26 2 8 11		

APPENDIX XIV-B—continued.

No.	Name of village.	Year.	KHARIF.										RABI.										TOTAL.	
			GARDENS, &c.		RICE UNDER FLOW.		FLOW.		LIFT.		LIFT AIDED BY FLOW.		SAILAB.		BOSI.									
			Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.				
2nd Group—contd.			A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.				
80	Pano Mir-khan.	{ 1st year... 1897-98 5th .. 1891-92 9th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	35 15 4 21 11 32	8 12 1 0 2 15	...	...	38 15 4 21 13 12	9 12 1 0 3 4				
81	Khakso	{ 1st year... 1897-98 5th .. 1891-92 9th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	4 0 44 10 16 3	1 0 11 0 4 0	...	...	4 0 41 10 21 3	1 0 11 0 5 14				
82	Sauja	{ 1st year... 1897-98 5th .. 1891-92 9th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	40 35 10 4 13 25	10 4 ...	40 35 10 4 13 25	10 4 ...				
83	Markhan	{ 1st year... 1897-98 5th .. 1891-92 9th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10 15 2 8 3 18	2 8 ...	10 15 2 8 3 18	2 8 ...				
84	Pahwari	{ 1st year... 1897-98 5th .. 1891-92 9th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	92 35 48 25 47 7	23 4 12 2 11 10	92 35 48 25 74 4	23 4 12 2 19 5				
85	Gujo	{ 1st year... 1897-98 5th .. 1891-92 9th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	146 15 58 10 68 8	36 8 14 5 17 0	146 15 58 10 71 30	36 8 14 5 17 14				
86	Sialki	{ 1st year... 1897-98 5th .. 1891-92 9th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27 10 46 25 24 25	6 12 11 8 6 1	27 10 46 25 24 25	6 12 11 8 6 1				
87	Nindo Shabir.	{ 1st year... 1897-98 5th .. 1891-92 9th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	33 15 99 35 44 17	8 6 24 12 11 1	33 15 99 35 55 24	8 6 24 12 13 14				
88	Mirzanpur.	{ 1st year... 1897-98 5th .. 1891-92 9th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14 15 3 0 1 0	3 10 ...	48 10 14 15 1 0	12 0 3 10 4 12				
Total of the 2nd Group.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	371 5	92 8	864 0	214 8	1235 5	307 0		
Average...			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
3rd Group.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
89	Makrah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
90	Daphri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
91	Wariaso	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
92	Bhaneri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
93	Kand	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
94	Dungahadi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
95	Nangro	{ 1st year... 1896-97 5th .. 1891-91 10th .. 1895-96 Average...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10 30 2 12 3 23	10 30 2 12 0 15	2 12 10 30 3 23	0 15		

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APPENDIX XIV-B—continued.

No.	Name of village.	Year.	GARDENS, &c.		KHABIP.		BAHI.										TOTAL.	
			OTHER FLOW.		FLOW.		LIFT.		LIFT AIDED BY FLOW.		SAILAB.		ROST.				Area.	Assess-ment.
			Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.		
			A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.
98	Mari	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7 10 2 35	1 12 0 12
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	3 15 0 13	1 13 0 13
97	Maki	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2 16 0 22	0 8 0 4
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	0 33 0 3	0 39 0 4
96	Pado	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
99	Jhagri	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14 25 4 35	10 0 3 5
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	4 35 3 5	3 5
100	Gatho	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
101	Morshdi	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8 6 2 28	2 0 0 11
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	2 28 0 11	0 11
102	Ilagreji	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4 10 9 10	0 12 2 4
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	4 20 1 0	1 0
103	Khorahadi	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12 10 7 35	2 8 2 0
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	6 28 1 8	7 2 1 11
104	Sirani	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 15 1 32	1 4 0 7
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	1 32 0 7	0 7
105	Tali	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6 10 1 20	1 8 2 0
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	0 20 0 11	2 3 1 3
106	Shekhpur	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
107	Guraho	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11 2 3 27	2 8 0 13
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	3 27 0 13	0 13
108	Rungabadi	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
109	Nangarkhet	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11 15 3 32	2 12 0 15
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	3 32 0 15	0 15
110	Makhandi	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1 0 0 13	0 8 0 3
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	0 13 0 3	0 3
111	Gad	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6 0 17 10	1 0 4 4
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	7 30 1 12	7 30 1 12
112	Wahariaro	1st year 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4 35 46 10	1 0 11 8
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	17 2 4 3	17 2 4 3

APPENDIX XIV-B—continued.

No.	Name of village.	Year.	GARDENS, &c.		KHABIP.		BAHI.										TOTAL.	
			RICE UNDER FLOW.		FLOW.		LIFT.		LIFT AIDED BY FLOW.		SAILAB.		ROST.				Area.	Assess-ment.
			Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.	Area.	Assess-ment.		
			A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.
113	Chaubandi	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12 35 3 4	12 35 3 4
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	4 12 1 1	4 12 1 1
114	Bidahi	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	77 10 19 0	77 10 19 0
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	25 30 6 5	25 30 6 5
115	Majabari	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
116	Ghurbi	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
117	Nareri	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
118	Deugar	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
119	Bahadmi	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22 10 6 32	5 8 4 12
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	21 1 1 9	20 38 5 3
120	Mor	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
121	Sanghar	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
122	Waghu Daho	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15 10 18 15	3 12 4 8
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	11 8 2 12	11 8 2 12
123	Kunar	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
124	Lao	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6 15 2 5	1 8 0 8
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	2 5 0 8	2 5 0 8
125	Gabarli	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	62 10 146 15	15 8 36 8
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	69 22 17 5	96 12 25 4
126	Achh	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22 10 179 20	5 8 44 12
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	67 10 16 12	77 5 19 15
127	Khaumbro	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	68 20 50 25	17 6 12 8
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	39 28 9 13	32 38 11 9
128	Charo	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18 15 3 10	4 8 0 12
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	7 8 1 12	7 8 1 12
129	Siansi	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14 0 48 25	3 8 12 0
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	20 35 5 3	34 15 10 1
130	Kadhan	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2 15 0 8	0 10 0 3
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	0 8 0 3	0 32 0 3
131	Sutari	1st year 1887-88 5th .. 1891-92 9th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	52 35 13 0	5 35 21 4
	Average		...	...	...	...	...	...	...	...	...	...	...	...	...	...	17 25 4 5	25 26 7 4

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APPENDIX XIV-B—continued.

No.	Name of village.	Year.	GARDENS, &c.		KHARIF.		RABI.								TOTAL.	
			RICK UNDER FLOW.		FLOW.		LIFT.		LIFT AIDED BY FLOW.		SAILAR.		ROSI.			
			Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.
			A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.
3rd Group—contd.																
132	Dasti.	1st year... 1887-88 5th .. 1891-92 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total of the 3rd Group.																
	1st year... 1887-88 5th .. 1891-92 10th .. 1895-96		...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
4th Group.																
133	Chandabdi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
134	Bandho	1st year... 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
135	Akro	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
136	Daleji	1st year... 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
137	Jakhri	1st year... 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
138	Pahori	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
139	Amin Narero.	1st year... 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
140	Jakhralo	1st year... 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
141	Bijora	1st year... 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
142	Lunkhan	1st year... 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
143	Choraladi	1st year... 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
144	Lareri	1st year... 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
145	Sandp	1st year... 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...

APPENDIX XIV-B—continued.

No.	Name of village.	Year.	GARDENS, &c.		KHARIF.		RABI.								TOTAL.	
			RICK UNDER FLOW.		FLOW.		LIFT.		LIFT AIDED BY FLOW.		SAILAR.		ROSI.			
			Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.
			A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.
4th Group—contd.																
146	Pateji	1st year... 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
147	Wariaro	1st year... 1886-87 5th .. 1890-91 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
148	Dharan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
149	Tat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
150	Babralo	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
151	Khadi	1st year... 1887-88 5th .. 1891-92 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
152	Pal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
153	Khaila	1st year... 1887-88 5th .. 1891-92 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
154	Luhan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
155	Ohhei	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
156	Marad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
157	Kandiari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
158	Stathri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
159	Boharki	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
160	Walhari	1st year... 1887-88 5th .. 1891-92 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
161	Singari	1st year... 1887-88 5th .. 1891-92 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
162	Kak	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
163	Jhanjhli	1st year... 1887-88 5th .. 1891-92 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
164	Pakho Thar	1st year... 1887-88 5th .. 1891-92 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
165	Mithi	1st year... 1887-88 5th .. 1891-92 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
166	Widri	1st year... 1887-88 5th .. 1891-92 10th .. 1895-96	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Average...		...	...	...	...	...	...	...	...	...	...	...	...	...	...

No.	Name of village.	Year.	GARDENS, &c.		KHARIF.		BAHI.										TOTAL.		
			RICE UNDER FLOW.		FLOW.		LEFT.		LEFT AIDED BY FLOW.		SAILAB.		BOSI.						
			Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	
	4th Group—concl'd.		A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	A. g.	Rs. a.	
187	Kumbhararo.	{ 1st year... 1887-88	...	...	...	...	...	...	...	...	...	...	...	...	22 10	5 10	22 10	5 10	
		{ 5th " " " 1891-92	...	...	...	...	...	...	...	...	...	...	...	...	22 10	5 8	22 10	5 8	
		{ 9th " " " 1895-96	...	...	1 0	...	...	...	...	...	...	...	...	...	...	...	1 0	...	
		Average...	...	...	0 13	...	...	...	...	...	...	...	7 17	1 13	7 17	1 14	15 7	3 11	
188	Padhar	{ 1st year... 1887-88	...	...	...	...	...	...	...	...	...	...	...	...	6 25	1 8	16 0	4 0	
		{ 5th " " " 1891-92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6 25	1 8	
		{ 9th " " " 1895-96	...	...	...	...	17 18	4 4	...	...	...	...	...	...	...	...	17 18	4 4	
		Average...	...	...	...	...	5 33	1 7	...	...	...	...	...	2 8	0 8	6 13	1 5	13 14	3 4
189	Sabta	{ 1st year... 1887-88	...	...	...	...	...	...	...	...	...	...	...	...	...	15 10	3 12	15 10	3 12
		{ 5th " " " 1891-92	...	...	...	...	...	...	...	...	...	...	...	...	18 10	4 10	18 10	4 10	
		{ 9th " " " 1895-96	...	...	...	...	7 3	1 12	...	...	...	...	...	...	...	...	7 3	1 12	
		Average...	...	...	...	...	2 14	0 9	...	...	...	...	...	6 3	1 9	5 3	1 4	13 21	3 6
Total of the 4th Group.	{ 1st year... 1880-87	...	...	...	...	...	...	...	...	...	...	...	...	...	243 20	61 0	243 20	61 0	
	{ 5th " " " 1890-91	...	...	...	...	...	...	...	...	...	...	...	...	...	243 20	61 0	243 20	61 0	
	{ 9th " " " 1891-92	...	...	...	...	...	...	...	...	...	...	...	...	67 20	16 10	253 10	62 2	320 30	78 13
	{ 10th " " " 1895-96	...	...	15 29	5 8	20 9	7 4	...	...	5 0	1 0	...	...	16 37	4 12	66 35	18 8		
Total of the Taluka.	{ 1st year... 1886-87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	{ 5th " " " 1891-92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	{ 9th " " " 1891-92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	{ 10th " " " 1895-96	42 31	34 12	273 35	113 6	418 25	126 0	3 30	3 8	5 0	1 0	6 32	4 12	60 23	26 8	811 16	309 14		
	Average...	13 10	11 9	91 13	37 13	130 22	42 0	1 10	1 3	1 27	0 5	169 31	43 5	1449 18	361 14	1,567 9	498 1		

B. A. BRENDON,
Assistant Collector, Tando.

*Statement showing demands and realisations of revenue in the Badin Taluka
for the years 1886-87 to 1895-96 (current settlement).*

Year.	Gross demand.	Remissions.	Revenue for collection.	Arrears.	REMARKS.
	Rs. a.	Rs. a.	Rs. a.	Rs. a.	
1886-87 ...	1,67,958 15	253 1	1,67,705 14	302 0	Recovered in 1887-88.
1887-88 ...	1,79,237 3	520 14	1,78,716 5	...	
1888-89 ...	1,87,784 7	36 0	1,87,748 7	630 3	Do. 1889-90.
1889-90 ...	1,89,545 8	2,268 6	1,87,277 2	...	
1890-91 ...	2,32,176 3	13,638 2	2,18,538 1	...	
1891-92 ...	2,22,105 8	9,823 12	2,12,281 12	...	
1892-93 ...	2,14,598 4	9,070 13	2,05,527 7	...	
1893-94 ...	2,21,060 13	7,198 8	2,13,862 5	1,290 14	Do. 1894-95.
1894-95 ...	2,10,030 3	15,216 2	1,94,814 1	...	
1895-96 ...	2,33,736 1	10,921 11	2,22,814 6	...	
Total ...	20,58,233 1	68,947 5	19,89,285 12	2,228 1	

B. A. BRENDON,
Assistant Collector, Tando.

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APPENDIX

Statement showing the results of the proposed rates as compared with the existing rates in 1891-92 to 1895-96.

No.	Name of village.	KHARIF.															FLOW.									
		GARDENS, &c.			RICE UNDER FLOW.			OTHER FLOW.			LIFT AND FLOW.			LIFT.												
		Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.							
1st Group.																										
1	Dando	Existing settlement.	9	3	0	27	521	3	0	1,563	7	2	8	17	5	2	8	12	30	1	12	52	...	...	...	
		Proposed settlement.	9	3	8	31	521	3	4	1,693	7	2	10	18	5	2	10	13	30	1	12	52	...	...	...	
2	Bhanki	Do.	24	3	0	72	465	3	0	1,395	...	...	...	...	3	2	8	7	40	1	12	70	...	...	...	
		Do.	24	3	8	84	465	3	4	1,511	...	...	...	...	3	2	10	8	40	1	12	70	...	...	...	
3	Perorpur	Do.	4	3	0	12	1,350	3	0	4,050	16	2	8	40	2	2	8	5	8	1	12	14	...	...	...	
		Do.	4	3	8	14	1,350	3	4	4,387	16	2	10	42	2	2	10	5	8	1	12	14	...	...	...	
4	Jiat	Do.	9	3	0	27	754	3	0	2,262	2	2	8	5	1	2	8	2	6	1	12	10	...	...	...	
		Do.	9	3	8	31	754	3	4	2,450	2	2	10	5	1	2	10	3	6	1	12	10	...	...	...	
5	Widho Chanuro.	Do.	14	3	0	42	687	3	0	2,061	...	...	...	...	3	2	8	7	8	1	12	14	...	...	...	
		Do.	14	3	8	49	687	3	4	2,233	...	...	...	...	3	2	10	8	8	1	12	14	...	...	...	
6	Lakhi	Do.	6	3	0	18	439	3	0	1,317	...	...	...	...	2	2	8	5	9	1	12	16	...	...	...	
		Do.	6	3	8	21	439	3	4	1,427	...	...	...	...	2	2	10	5	9	1	12	16	...	...	...	
7	Talhar	Do.	41	3	0	123	605	3	0	1,815	1	2	8	2	51	2	8	127	3	1	12	5	...	...	...	
		Do.	41	3	8	143	605	3	4	1,906	1	2	10	3	51	2	10	134	3	1	12	5	...	...	...	
8	Seri	Do.	26	3	0	78	630	3	0	1,890	7	2	8	17	23	2	8	57	45	1	12	84	...	...	...	
		Do.	26	3	8	91	630	3	4	2,047	7	2	10	18	23	2	10	60	45	1	12	84	...	...	...	
9	Chaneri	Do.	34	3	0	102	655	3	0	1,965	4	2	8	10	...	...	...	...	...	...	...	...	...	...	...	
		Do.	34	3	8	119	655	3	4	2,129	4	2	10	10	...	...	...	...	...	...	...	...	...	...	...	
10	Bagirai	Do.	6	3	0	18	165	3	0	555	...	...	...	...	1	2	8	2	3	1	12	5	...	...	...	
		Do.	6	3	8	21	165	3	4	601	...	...	...	...	1	2	10	3	3	1	12	5	...	...	...	
11	Mughal Hama	Do.	17	3	0	51	717	3	0	2,151	16	2	8	40	...	...	...	...	7	1	12	12	...	...	...	
		Do.	17	3	8	59	717	3	4	2,330	16	2	10	42	...	...	...	...	7	1	12	12	...	...	...	
12	Kohar	Do.	...	...	...	446	3	0	1,338	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Do.	...	...	...	446	3	4	1,449	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
13	Patahrian	Do.	2	3	0	6	491	3	0	1,473	1	2	8	2	1	2	8	2	5	1	12	9	...	...	...	
		Do.	2	3	8	7	491	3	4	1,563	1	2	10	3	1	2	10	3	5	1	12	9	...	...	...	
14	Habachh	Do.	2	3	0	6	546	3	0	1,638	...	...	...	...	...	...	...	...	15	1	12	26	...	...	...	
		Do.	2	3	8	7	546	3	4	1,774	...	...	...	...	...	...	...	...	15	1	12	26	...	...	...	
15	Morjhar	Do.	3	3	0	9	657	3	0	1,971	7	2	8	17	...	...	...	...	29	1	12	45	...	...	...	
		Do.	3	3	8	10	657	3	4	2,135	7	2	10	18	...	...	...	...	29	1	12	45	...	...	...	
16	Sandki	Do.	1	3	0	3	622	3	0	1,866	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Do.	1	3	8	3	622	3	4	2,021	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
17	Lundki	Do.	...	...	...	673	3	0	2,019	...	...	...	...	...	...	...	...	...	3	1	12	5	...	...	...	
		Do.	...	...	...	673	3	4	2,187	...	...	...	...	...	...	...	...	...	3	1	12	5	...	...	...	
18	Rip	Do.	8	2	12	22	534	2	12	1,468	...	...	...	...	...	...	...	...	7	1	12	10	...	...	...	
		Do.	8	3	8	28	534	3	4	1,735	...	...	...	...	...	...	...	...	7	1	12	12	...	...	...	
19	Parharki	Do.	6	3	0	18	841	3	0	2,523	3	2	8	7	...	...	...	...	6	1	12	10	...	...	...	
		Do.	6	3	8	21	841	3	4	2,743	3	2	10	8	...	...	...	...	6	1	12	10	...	...	...	
20	Chak	Do.	...	...	...	557	3	0	1,671	...	...	...	...	...	...	...	...	...	6	1	12	10	...	...	...	
		Do.	...	...	...	557	3	4	1,810	...	...	...	...	...	...	...	...	...	6	1	12	10	...	...	...	
21	Widh	Do.	...	...	...	629	3	0	1,887	7	2	8	17	...	...	...	...	...	2	1	12	3	...	...	...	
		Do.	...	...	...	629	3	4	1,719	7	2	10	18	...	...	...	...	...	2	1	12	3	...	...	...	
22	Wisarki	Do.	2	3	0	6	577	3	0	1,711	2	2	8	5	...	...	...	...	...	...	...	...	...	...	...	
		Do.	2	3	8	7	577	3	4	1,875	2	2	10	5	...	...	...	...	...	...	...	...	...	...	...	
23	Shorki	Do.	...	...	...	12	3	0	36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Do.	...	...	...	12	3	4	39	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
24	Durmano	Do.	2	3	0	6	704	3	0	2,112	38	2	8	95	...	...	...	...	32	1	12	56	2	2	12	5
		Do.	2	3	8	7	704	3	4	2,288	38	2	10	100	...	...	...	...	32	1	12	56	3	2	12	5
25	Walhar	Do.	1	3	0	3	598	3	0	1,794	6	2	8	15	...	...	...	...	4	1	12	7	...	...	...	...
		Do.	1	3	8	3	598	3	4	1,943	6	2	10	16	...	...	...	...	4	1	12	7	...	...	...	...
26	Khuro	Do.	...	...	...	479	2	12	1,317	3	2	4	7	...	...	...	...	29	1	8	31	...	...	...	...	
		Do.	...	...	...	479	3	4	1,557	3	2	10	8	...	...	...	...	29	1	12	40	...	...	...	...	
27	Jhalor	Do.	6	2	12	16	562	2	12	1,747	12	2	4	27	...	...	...	...	6	1	8	9	...	...	...	...
		Do.	6	3	8	21	562	3	4	1,826	12	2	10	31	...	...	...	...	6	1	12	10	...	...	...	...
28	Bhitari	Do.	...	...	...	601	3	0	1,803	2	2	8	5	...	...	...	...	...	8	1	12	11	...	...	...	...
		Do.	...	...	...	601	3	4	1,953	2	2	10	5	...	...	...	...	...	8	1	12	14	...	...	...	...
29	Rebhan	Do.	1	3	0	3	10	3	0	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Do.	1	3	8	3	10	3	4	32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	Bojharli	Do.	...	...	...	112	3	0	336	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Do.	...	...	...	112	3	4	364	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	Dhandi	Do.	3	3	0	9	430	3	0	1,290	5	2	8	12	...	...	...	...	1	1	12	2	...	...	...	...
		Do.	3	3	8	10	430	3	4	1,420	5	2	10	13	...	...	...	...	1	1	12	2	...	...	...	...
32	Khirdahi	Do.	7	3	0	21	641	3	0	1,923	6	2	8	15	...	...	...	...	9	1	12	16	...	...	...	...
		Do.	7	3	8	24	641	3	4	2,053	6	2	10	16	...	...	...	...	9	1	12	16	...	...	...	...

XVI.

each village of the Badin Taluka, on the basis of the average cultivation of the past five years

KABUL															BARANI										TOTAL		Increase	Increase per cent.	Average assessment per acre.
LIFT.			LIFT AND FLOW.			SAILAN.			BOMI.			BARUL PLAM-TATION.			KHARIF.			BARIL.											
Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Assessment.							
Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.							
1	2 12	3				139	2 4	313	102	2 4	229	10	0 10	6				824	2,222										
1	2 12	3				139	2 4	313	102	2 4	229	10	0 10	6				824	2,358		136	6 12							
2	2 12	5				18	2 4	40	36	2 4	81	11	0 10	7				599	1,077										
2	2 12	5				18	2 4	40	36	2 4	81	11	0 10	7				599	1,096		129	7 60							
						101	2 4	227	97	2 4	218	20	0 10	12				1,599	4,578		341	7 45							
						101	2 4	227	97	2 4	218	20	0 10	12				1,698	4,919										
						7	2 4	16	27	2 4	61	20	0 10	12				826	2,395		193	8 05							
						7	2 4	16	27	2 4	61	20	0 10	12				826	2,395										
						11	2 4	25	17	2 4	38	2	0 10	1				742	2,168		160	8 23							
						11	2 4	25	17	2 4	38	2	0 10	1				742	2,368										
6	2 12	16	4	2 12	11	1	2 4	2	10	2 4	22	3	0 10	2				1,487	1,400		113	8 02							
6	2 12	16	4	2 12	11	1	2 4	2	10	2 4	22	3	0 10	2				490	1,622										
6	2 12	14				2	2 4	4	29	2 4	65	8	0 10	5				745	2,160										
5	2 12	14				2	2 4	4	29	2 4	65	8	0 10	5				745	2,339		179	8 29							
						88	2 4	198	70	2 4	167	7	0 10	4					2,495										
						88	2 4	198	70	2 4	167	7	0 10	4					2,659		174	7 0							
						22	2 4	49	29	2 4	65	4	0 10	2															
						22	2 4	49	29	2 4	65	4	0 10	2															
						37	2 4	83	94	2 4	211	2	0 10	1				329	872		50	5 69							
						37	2 4	83	94	2 4	211	2	0 10	1				329	928										
8	2 12	21				220	2 4	495	151	2 4	340	14	0 10	9				1,159	3,119		189	6 06							
8	2 12	21				220	2 4	495	151	2 4	340	14	0 10	9				1,150	3,306										
1	2 12	3				1	2 4	2	2	2 4	4							450	1,447										
1	2 12	3				1	2 4	2	2	2 4	4							450	1,458		111	8 24							
7	2 12	19				6	2 4	13	20	2 4	45	9	0 10	6				532	1,545										
7	2 12	19				6	2 4	13	20	2 4	45	9	0 10	6				532	1,668		123	7 96							
						7	2 4	16	13	2 4	29	21	0 10	13															
						7	2 4	16	13	2 4	29	21	0 10	13				604	1,728										
						57	2 4	128	38	2 4	85	27	0 10	17				604	1,805		137	7 93							
						57	2 4	128	38	2 4	85	27	0 10	17				821	2,288										
1	2 12	3				40	2 4	90	21	2 4	47	7	0 10	4				821	2,454		166	7 25							
1	2 12	3				40	2 4	90	21	2 4	47	7	0 10	4				692	2,013										
6	2 12	14							5	2 4	11	4	0 10	2				692	2,168		156	7 70							
6	2 12	14							5	2 4	11	4	0 10	2				690	2,051										
						4	2 0	8	116	2 0	232	138	0 8	69				690	2,219		168	8 19							
						4	2 4	9	116	2 4	261	138	0 10	85															
3	2 12	8				4	2 4	9	15	2 4	34	31	0 10	19				807	1,909										
3	2 12	8				4	2 4	9	15	2 4	34	31	0 10	19				807	2,131		322	17 25							
						20	2 4	45	27	2 4	61	2	0 10	1				912	2,837										
						20	2 4	45	27	2 4	61	2	0 10	1				912	2,855		215	8 15							
						65	2 4	146	65	2 4	146	26	0 10	16				812	1,788										
						65	2 4	146	65	2 4	146	26	0 10	16				812	1,927		139	7 77							
						38	2 4	85	39	2 4	88	10	0 10	6				740	2,021										
						38	2 4	85	39	2 4	88	10	0 10	6				740	2,154		133	6 58							
																		669	1,921										
																		669	2,068		145	7 55							
																		16	38										
																		41	3		7 59								
						95	2 4	214	150	2 4	337	41	0 10	26				1,068	2,856										
						95	2 4	214	150	2 4	337	41	0 10	26				1,068	3,038		182	6 37							
						25	2 4	56	20	2 4	45	11	0 10	7				665	1,927										
						25	2 4	56	20	2 4	45	11	0 10	7				665	2,077		150	7 78							
						5	2 0	10	43	2 0	86	17	0 8	8															
						5	2 4	11	43	2 4	97	17	0 10	11				570	1,462										
																		570	1,734		262	11 08							
						90	2 0	180	81	2 0	182	13	0 8	6				770	1,945										
						90	2 4	202	81	2 4	182	13	0 10	8				770	2,060		235	12 08							
						50	2 4	112	35	2 4	79	4	0 10	2															
						50	2 4	112	35	2 4	79	4	0 10	2				700	2,015										
									1	2 4	2	2	0 10	1				700	2,165		160	7 44							
																		14	36										
																		14	39		2	5 56							
2	2 12	5				8	2 4	18	13	2 4	29	3	0 10	2				138	399										
2	2 12	5				8	2 4	18	13	2 4	29	3	0 10	2				138	418		28	7 18							
						35	2 4	79	46	2 4	103	49	0 10	30															
						35	2 4	79	46	2 4	103	49	0 10	30				578	1,555										
						42	2 4	94	33	2 4	74	21	0 10	13				578	1,667		112	7 20							
						42	2 4	94	33	2 4	74	21	0 10	13															
																		762	2,160										
																		762	2,324		164	7 59							

No.	Name of village.	KHARIF.																		Flow.		
		GARDENS, &c.			RICE UNDER FLOW.			OTHER FLOW.			LEFT AND FLOW.			LEFT.								
		Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.			
2nd Group—contd.		Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.			
64	Ojhi ... { Existing settlement. Proposed settlement.	15	2 12	41	325	2 12	804	47	2 4	108	11	2 4	25	69	1 6	103	...	...	...			
		15	3 4	40	325	3 0	975	47	2 6	112	11	2 6	26	69	1 8	103	...	...	...			
65	Janki ... { Do. Do.	2	2 12	5	851	2 12	2,340	18	2 4	43	3	2 4	7	9	1 8	13	...	...	...			
		2	3 4	6	851	3 0	2,553	18	2 6	40	3	2 6	7	9	1 8	13	...	...	...			
66	Bakhehab ... { Do. Do.	4	2 12	11	270	2 12	742	18	2 4	40	12	2 4	27	61	1 8	91	...	...	...			
		4	3 4	13	270	3 0	810	18	2 6	43	12	2 6	29	61	1 8	91	...	...	...			
67	Marai ... { Do. Do.	12	2 8	30	700	2 8	1,750	5	2 0	10	32	2 0	64	46	1 4	57	...	...	...			
		12	3 4	39	700	3 0	2,100	5	2 6	12	32	2 6	76	46	1 8	69	...	...	...			
68	Malai ... { Do. Do.	3	2 8	7	731	2 8	1,827	5	2 0	10	...	...	...	12	1 8	15	...	...	...			
		3	3 4	10	731	3 0	2,193	5	2 6	12	...	...	...	12	1 8	16	...	...	...			
69	Jharkandi ... { Do. Do.	1	2 12	3	274	2 12	763	20	2 4	45	14	2 4	31	136	1 8	204	...	...	...			
		1	3 4	3	274	3 0	832	20	2 6	47	14	2 6	33	136	1 8	204	...	...	...			
70	Bakhe Khadi ... { Do. Do.	...	...	...	206	2 12	568	55	2 4	124	3	2 4	7	182	1 8	273	...	...	...			
		...	...	...	206	3 0	618	55	2 6	131	3	2 6	7	182	1 8	273	...	...	...			
71	Kamari ... { Do. Do.	8	2 12	22	197	2 12	542	16	2 4	36	27	2 4	61	81	1 8	120	...	...	...			
		8	3 4	26	197	3 0	591	16	2 6	38	27	2 6	64	81	1 8	120	...	...	...			
72	Indahli ... { Do. Do.	...	...	...	154	2 12	423	4	2 4	9	...	...	...	258	1 8	387	...	...	...			
		...	...	...	154	3 0	462	4	2 6	9	...	...	...	258	1 8	387	...	...	...			
73	Luwari ... { Do. Do.	8	2 12	22	483	2 12	1,328	11	2 4	25	7	2 4	16	102	1 8	153	...	...	...			
		8	3 4	26	483	3 0	1,449	11	2 6	26	7	2 6	17	102	1 8	153	...	...	...			
74	Chorahli ... { Do. Do.	4	2 12	11	185	2 12	509	45	2 4	101	31	2 4	70	107	1 8	160	...	...	...			
		4	3 4	13	185	3 0	555	45	2 6	107	31	2 6	74	107	1 8	160	...	...	...			
75	Abri ... { Do. Do.	6	2 12	16	543	2 12	1,493	28	2 4	63	...	...	...	22	1 8	33	...	...	...			
		6	3 4	19	543	3 0	1,629	28	2 6	66	...	...	...	22	1 8	33	...	...	...			
76	Kathorki ... { Do. Do.	7	2 12	19	393	2 12	1,061	21	2 4	47	9	2 4	20	127	1 8	190	...	...	...			
		7	3 4	23	393	3 0	1,179	21	2 6	50	9	2 6	21	127	1 8	190	...	...	...			
77	Chautari ... { Do. Do.	...	...	...	210	2 12	577	29	2 4	65	2	2 4	4	13	1 8	19	...	...	...			
		...	...	...	210	3 0	630	29	2 6	69	2	2 6	5	13	1 8	19	...	...	...			
78	Saruro ... { Do. Do.	1	2 12	3	927	2 12	2,519	84	2 4	189	...	...	...	9	1 8	12	...	...	...			
		1	3 4	3	927	3 0	2,761	84	2 6	190	...	...	...	8	1 8	12	...	...	...			
79	Udha ... { Do. Do.	2	2 12	5	430	2 12	1,182	9	2 4	20	...	...	...	20	1 8	30	...	...	...			
		2	3 4	6	430	3 0	1,290	9	2 6	21	...	...	...	20	1 8	30	...	...	...			
80	Pano Lundki ... { Do. Do.	10	2 12	27	758	2 12	2,084	45	2 4	101	...	...	...	37	1 8	55	...	...	...			
		10	3 4	32	758	3 0	2,274	45	2 6	107	...	...	...	37	1 8	55	...	...	...			
81	Bokhi ... { Do. Do.	9	2 12	25	488	2 12	1,342	14	2 4	31	...	...	...	6	1 8	9	...	...	...			
		9	3 4	29	488	3 0	1,464	14	2 6	33	...	...	...	6	1 8	9	...	...	...			
82	Gujo ... { Do. Do.	29	2 12	80	266	2 12	731	20	2 4	45	...	...	...	4	1 8	6	...	...	...			
		29	3 4	94	266	3 0	798	20	2 6	47	...	...	...	4	1 8	6	...	...	...			
83	Markhan ... { Do. Do.	...	...	...	389	2 12	1,070	13	2 4	29	...	...	...	3	1 8	4	...	...	...			
		...	...	...	389	3 0	1,167	13	2 6	31	...	...	...	3	1 8	4	...	...	...			
84	Ret ... { Do. Do.	2	2 12	5	466	2 12	1,291	30	2 4	67	...	...	...	17	1 8	25	...	...	...			
		2	3 4	6	466	3 0	1,396	30	2 6	71	...	...	...	17	1 8	25	...	...	...			
85	Sanja ... { Do. Do.	6	2 12	16	516	2 12	1,419	28	2 4	63	...	...	...	9	1 8	13	...	...	...			
		6	3 4	19	516	3 0	1,548	28	2 6	66	...	...	...	9	1 8	13	...	...	...			
86	Pahwari ... { Do. Do.	18	2 12	49	531	2 12	1,460	40	2 4	90	...	...	...	9	1 8	13	...	...	...			
		18	3 4	58	531	3 0	1,593	40	2 6	95	...	...	...	9	1 8	13	...	...	...			
87	Sialki ... { Do. Do.	14	2 12	38	471	2 12	1,295	12	2 4	27	...	...	...	13	1 8	19	...	...	...			
		14	3 4	45	471	3 0	1,413	12	2 6	28	...	...	...	13	1 8	19	...	...	...			
88	Nindo Shahir ... { Do. Do.	39	2 12	107	808	2 12	2,222	19	2 4	43	...	...	...	25	1 8	37	...	...	...			
		39	3 4	127	808	3 0	2,424	19	2 6	45	...	...	...	25	1 8	37	...	...	...			
89	Khalao ... { Do. Do.	17	2 12	47	1,030	2 12	2,832	16	2 4	36	3	2 4	7	27	1 8	40	...	...	...			
		17	3 4	55	1,030	3 0	3,090	16	2 6	38	3	2 6	7	27	1 8	40	...	...	...			
90	Pano Mir Khan ... { Do. Do.	9	2 12	25	593	2 12	1,628	27	2 4	61	...	...	...	16	1 8	24	...	...	...			
		9	3 4	29	593	3 0	1,776	27	2 6	64	...	...	...	16	1 8	24	...	...	...			
91	Angri ... { Do. Do.	1	2 12	3	443	2 12	1,215	9	2 4	20	...	...	...	49	1 8	72	...	...	...			
		1	3 4	3	443	3 0	1,326	9	2 6	21	...	...	...	49	1 8	72	...	...	...			
92	Miranpur ... { Do. Do.	1	2 12	3	605	2 12	1,665	17	2 4	38	...	...	...	68	1 8	102	...	...	...			
		1	3 4	3	605	3 0	1,815	17	2 6	40	...	...	...	68	1 8	102	...	...	...			
93	Bhambhki ... { Do. Do.	3	2 12	8	696	2 12	1,919	10	2 4	22	...	...	...	11	1 8	16	...	...	...			
		3	3 4	10	696	3 0	2,091	10	2 6	24	...	...	...	11	1 8	16	...	...	...			
94	Khakhar ... { Do. Do.	4	2 12	11	739	2 12	2,032	10	2 4	22	...	...	...	18	1 8	27	...	...	...			
		4	3 4	13	739	3 0	2,217	10	2 6	24	...	...	...	18	1 8	27	...	...	...			
Total of the 2nd Group.		257	2 12	670	20,751	2 12	56,296	1,062	2 4	2,372	183	2 4	404	2,262	1 8	3,341	5	2 8	12			
		247	3 4	797	20,751	3 0	62,265	1,062	2 6	2,505	183	2 6	434	2,262	1 8	3,371	5	2 8	12			

XVI—continued.

RABI.												RABUL PLANTATION.			BARANI.					TOTAL.		Increase.	Increase per cent.	Average assessment per acre.	
LIFT.			LIFT AND FLOW.			SAILAB.			BOBI.			KWARIP.			RABI.		Area.	Assessment.							
Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.			Assessment.	Area.	Assessment.				
Acres.	Rs. a.	Rs.	A.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	A.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Rs. a.				
13	2 8	32	...	...	...	42	2 0	64	81	2 0	162	52	0 8	26	...	...	...	655	1,473	96	6.52	{ 2 4 5 6			
13	2 8	32	...	...	...	42	2 0	64	81	2 0	162	52	0 8	26	...	...	...	655	1,469						
3	2 8	7	...	...	...	175	2 0	350	144	2 0	288	28	0 8	14	...	...	...	1,233	3,064	217	7.08	{ 2 8 5 11			
3	2 8	7	...	...	...	175	2 0	350	144	2 0	288	28	0 8	14	...	...	...	1,233	3,261						
4	2 8	10	...	...	...	64	2 0	128	85	2 0	170	45	0 8	22	...	...	...	563	1,241	74	6.96	{ 2 3 5 6			
4	2 8	10	...	...	...	64	2 0	128	85	2 0	170	45	0 8	22	...	...	...	563	1,315						
2	2 4	4	...	...	...	125	1 12	219	50	1 12	87	16	0 6	6	...	...	...	938	2,227	432	19.40	{ 2 4 5 11			
2	2 8	5	...	...	...	125	2 0	250	50	2 0	100	16	0 8	8	...	...	...	938	2,659						
...	...	...	...	...	...	27	1 12	47	100	1 12	17	11	0 6	4	...	...	...	699	2,095	407	19.52	{ 2 6 5 13			
...	...	...	...	...	...	27	2 0	54	100	2 0	20	11	0 8	5	...	...	...	699	2,492						
...	...	...	...	...	...	22	2 0	44	20	2 0	40	34	0 8	17	...	...	...	521	1,137	73	6.42	{ 2 3 5 8			
...	...	...	...	...	...	22	2 0	44	20	2 0	40	34	0 8	17	...	...	...	521	1,210						
...	...	...	...	...	...	1	2 0	2	18	2 0	36	17	0 8	8	...	...	...	42	1,016	59	5.81	{ 2 2 5 4			
...	...	...	...	...	...	1	2 0	2	18	2 0	36	17	0 8	8	...	...	...	42	1,076						
21	2 8	52	...	...	...	42	2 0	84	33	2 0	66	22	0 8	11	...	...	...	447	995	58	5.83	{ 2 4 5 6			
21	2 8	52	...	...	...	42	2 0	84	33	2 0	66	22	0 8	11	...	...	...	447	1,053						
...	...	...	...	...	...	19	2 0	38	14	2 0	28	21	0 8	10	17	1 4	21	1 8	466	932	39	4.18	{ 1 12 5 15		
...	...	...	...	...	...	19	2 0	38	14	2 0	28	21	0 8	10	17	1 4	21	1 8	466	971					
...	...	...	...	...	...	93	2 0	186	30	2 0	60	70	0 8	35	...	...	17	1 8	826	1,960	127	6.83	{ 2 4 5 6		
...	...	...	...	...	...	93	2 0	186	30	2 0	60	70	0 8	35	...	...	17	1 8	826	1,967					
...	...	...	...	...	...	15	2 0	30	37	2 0	74	3	0 8	1	...	...	...	427	956	58	6.07	{ 2 4 5 6			
...	...	...	...	...	...	15	2 0	30	37	2 0	74	3	0 8	1	...	...	...	427	1,014						
...	...	...	...	...	...	146	2 0	292	132	2 0	304	72	0 8	36	...	...	...	969	2,237	143	6.35	{ 2 5 5 7			
...	...	...	...	...	...	146	2 0	292	132	2 0	304	72	0 8	36	...	...	...	969	2,379						
...	...	...	...	...	...	40	2 0	80	36	2 0	72	64	0 8	42	...	...	1	1 8	718	1,552	106	6.83	{ 2 3 5 6		
...	...	...	...	...	...	40	2 0	80	36	2 0	72	64	0 8	42	...	...	1	1 8	718	1,638					
...	...	...	...	...	...	25	2 0	50	93	2 0	186	5	0 8	2	...	...	...	377	891	56	6.42	{ 2 6 5 9			
...	...	...	...	...	...	25	2 0	50	93	2 0	186	5	0 8	2	...	...	...	377	961						
...	...	...	...	...	...	109	2 0	218	66	2 0	132	65	0 8	32	...	...	...	1,260	3,135	243	7.73	{ 2 8 5 11			
...	...	...	...	...	...	109	2 0	218	66	2 0	132	65	0 8	32	...	...	...	1,260	3,377						
...	...	...	...	...	...	49	2 0	98	26	2 0	52	72	0 8	36	...	...	...	608	1,423	110	7.73	{ 2 5 5 8			
...	...	...	...	...	...	49	2 0	98	26	2 0	52	72	0 8	36	...	...	...	608	1,533						
3	2 8	7	...	...	...	143	2 0	286	73	2 0	146	5	0 8	2	...	...	1	1 8	1,075	2,796	201	7.42	{ 2 1 5 8		
3	2 8	7	...	...	...	143	2 0	286	73	2 0	146	5	0 8	2	...	...	1	1 8	1,075	2,910					
...	...	...	...	...	...	145	2 0	290	111	2 0	222	40	0 8	20	...	...	...	813	1,929	128	6.60	{ 2 6 5 9			
...	...	...	...	...	...	145	2 0	290	111	2 0	222	40	0 8	20	...	...	...	813	2,067						
...	...	...	...	...	...	67	2 0	134	46	2 0	94	2	0 8	1	...	...	...	437	1,065	83	7.58	{ 2 1 5 8			
...	...	...	...	...	...	67	2 0	134	46	2 0	94	2	0 8	1	...	...	...	437	1,178						
...	...	...	...	...	...	83	2 0	166	29	2 0	58	20	0 8	10	...	...	...	537	1,337	90	7.40	{ 2 8 5 11			
...	...	...	...	...	...	88	2 0	166	29	2 0	58	20	0 8	10	...	...	...	537	1,436						
...	...	...	...	...	...	95	2 0	190	46	2 0	98	65	0 8	32	...	...	...	724	1,699	123	7.45	{ 2 6 5 8			
...	...	...	...	...	...	95	2 0	190	46	2 0	98	65	0 8	32	...	...	...	724	1,820						
...	...	...	...	...	...	54	2 0	108	127	2 0	254	8	0 8	4	...	...	...	748	1,677	135	7.19	{ 2 8 5 13			
...	...	...	...	...	...	54	2 0	108	127	2 0	254	8	0 8	4	...	...	...	748	2,012						
4	2 8	10	...	...	...	83	2 0	166	78	2 0	156	18	0 8	9	...	...	...	781	1,953	147	7.53	{ 2 4 5 7			
4	2 8	10	...	...	...	83	2 0	166	78	2 0	156	18	0 8	9	...	...	...	781	2,100						
9	2 8	22	...	...	...	64	2 0	128	81	3 0	162	3	0 8	1	...	...	...	607	1,692	126	7.45	{ 2 9 5 12			
9	2 8	22	...	...	...	64	2 0	128	81	3 0	162	3	0 8	1	...	...	...	607	1,816						
8	2 8	20	...	...	...	134	2 0	268	191	2 0	392	...	...	...	...	...	...	1,234	3,079	234	7.28	{ 2 8 5 11			
8	2 8	20	...	...	...	134	2 0	268	191	2 0	392	...	...	...	...	...	...	1,234	3,303						
...	...	...	...	...	...	72	2 0	144	124	2 0	256	7	0 8	3	...	...	1	1 8	1,301	3,390	268	7.96	{ 2 9 5 13		
...	...	...	...	...	...	72	2 0	144	128	2 0	256	7	0 8	3	...	...	1	1 8	1,301	3,634					
...	...	...	...	...	...	149	2 0	298	36	2 9	60	1	0 8	...	...	...	...	...	825	2,096	155	7.39	{ 2 9 5 12		
...	...	...	...	...	...	149	2 0	298	36	2 0	60	1	0 8	...	...	...	...	...	825	2,233					
...	...	...	...	...	...	18	2 0	36	115	2 0	230	14	0 8	7	...	...	...	647	1,563	112	7.02	{ 2 7 5 10			
...	...	...	...	...	...	18	2 0	36	115	2 0	230	14	0 8	7	...	...	...	647	1,685						
...	...	...	...	...	...	49	2 0	98	29	2 0	58	13	0 8	6	...	...	...	757	1,991	163	7.72	{ 2 8 5 11			
...	...	...	...	...	...	49	2 0	98	29	2 0	58	13	0 8	6	...	...	...	757	2,134						
5	2 8	2	...	...	...	34	2 0	68	116	2 0	230	13	0 8	6	...	...	...	884	2,271	179	7.88	{ 2 9 5 12			
5	2 8	12	...	...	...	34	2 0	68	116	2 0	230	13	0 8	6	...	...	...	884	2,450						
...	...	...	...	...	...	18	2 0	36	83	2 0	166	6	0 8	3	...	...	...	878	2,297	189	8.23	{ 2 10 5 13			
...	...	...	...	...	...	18	2 0	36	83	2 0	166	6	0 8	3	...	...	...	878	2,466						
72	2 8	176	1	2 8	2	2,353	3 0	4,650	2,574	2 0	5,074	109	0 8	515	27	1 4	33	47	1 8	64	30,635	73,521	6,891	8.95	{ 2 6 5 10
72	2 8	177	1	2 8	2	2,353	2 0	4,706	2,674	2 0	5,148	109	0 8	536	27	1 4	32	47	1 8	68	30,695	80,102			{ 2 10 5 13

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APPENDIX

No.	Name of village.	KHARIF.																					FLOW.		
		GARDENS, &c.			RICE UNDER FLOW.			OTHER FLOW.			LIFT AND FLOW.			LIFT.											
		Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.						
3rd Group.		Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.			
95	Makrah	{ Existing settlement Proposed settlement.	...	...	37	2 8	92	10	2 0	20	...	...	...	37	1 4	46	...	...	...	...	...	...			
96	Daphri		...	...	37	2 12	102	10	2 2	21	...	...	...	37	1 4	46	...	...	...	...	...	Unsurveyed, add			
97	Warasao	{ Do. Do.	...	...	418 418	2 8 2 12	1,045 1,149	30 30	2 0 2 2	60 64	...	...	...	13 13	1 4 1 4	16 16	...	...	...	...	...	...			
98	Bhanori	{ Do. Do.	...	...	166 166	2 8 2 12	415 466	1 1	2 0 2 2	2 2	5 5	2 0 2 2	10 11	81 81	1 4 1 4	101 101	...	...	...	...	...	...			
99	Kand	{ Do. Do.	...	...	9 9	2 8 2 12	22 26	3 3	2 0 2 2	6 6	...	...	...	1 1	1 4 1 4	1 1	...	...	...	...	...	...			
100	Gatbo	{ Do. Do.	...	...	62 62	2 8 2 12	155 170	7 7	2 0 2 2	14 15	...	...	...	2 2	1 4 1 4	2 2	...	...	...	...	...	...			
101	Morabdi	{ Do. Do.	...	...	43 43	2 8 2 12	120 132	24 24	2 0 2 2	49 51	...	...	...	6 6	1 4 1 4	7 7	...	...	...	...	...	...			
102	Chandahdi	{ Do. Do.	...	...	...	...	...	...	...	...	...	...	...	35 35	1 0 1 4	35 44	...	...	...	...	...	...			
103	Hagregji	{ Do. Do.	5 5	2 8 3 0	12 15	502 502	2 8 2 12	1,255 1,390	28 28	2 0 2 2	56 59	...	...	...	3 3	1 4 1 4	4 4	...	...	...	...	...			
104	Khorabdi	{ Do. Do.	9 9	2 8 3 0	22 27	648 648	2 8 2 12	1,630 1,782	9 9	2 0 2 2	18 19	6 6	2 0 2 2	12 13	8 8	1 4 1 4	10 10	...	...	...	...	...			
105	Bandho	{ Do. Do.	...	...	...	221 221	2 4 2 12	497 606	326 326	1 12 2 2	570 694	...	...	...	260 260	1 0 1 4	260 325	...	...	...	...	...			
106	Aaro	{ Do. Do.	2 2	2 4 3 0	6 4	176 176	2 4 2 12	396 494	66 66	1 12 2 2	115 140	...	...	...	170 170	1 0 1 4	170 212	...	...	...	...	...			
107	Daleji	{ Do. Do.	4 4	2 4 3 0	9 13	326 329	2 4 2 12	738 902	5 5	1 12 2 2	9 11	5 5	1 12 2 2	9 9	6 6	1 0 1 4	6 7	...	...	...	...	...			
108	Jakhri	{ Do. Do.	6 6	2 4 3 0	13 18	459 459	2 4 2 12	1,033 1,263	5 5	1 12 2 2	9 11	4 4	1 12 2 2	7 8	9 9	1 0 1 4	9 11	...	...	...	...	...			
109	Amin Narero	{ Do. Do.	3 3	2 4 3 0	7 9	683 683	2 4 2 12	1,537 1,676	22 22	1 12 2 2	38 47	41 41	1 12 2 2	72 87	72 72	1 0 1 4	72 90	...	...	...	...	...			
110	Pabari	{ Do. Do.	...	...	...	38 38	2 4 2 12	85 104	11 11	1 12 2 2	19 23	...	...	...	46 46	1 0 1 4	46 57	...	...	...	...	...			
111	Nangar Khet	{ Do. Do.	2 2	2 8 3 0	5 6	713 713	2 8 2 12	1,782 1,961	8 8	2 0 2 2	16 17	...	...	...	...	...	...	...	...	...	...	...			
112	Sirani	{ Do. Do.	10 10	2 8 3 0	25 30	589 569	2 8 2 12	1,472 1,620	1 1	2 0 2 2	2 2	...	...	...	6 6	1 4 1 4	7 7	...	...	...	...	...			
113	Tali	{ Do. Do.	13 13	2 4 3 0	32 39	717 717	2 4 2 12	1,792 1,972	8 8	2 0 2 2	16 17	...	...	...	15 15	1 4 1 4	19 19	...	...	...	...	...			
114	Jakhralo	{ Do. Do.	3 3	2 4 3 0	7 9	283 269	2 4 2 12	605 740	3 3	1 12 2 2	5 6	...	...	...	2 2	1 0 1 4	2 2	...	...	...	...	...			
115	Bijora	{ Do. Do.	3 3	2 4 3 0	7 9	354 354	2 4 2 12	796 973	25 25	1 12 2 2	44 53	...	...	...	7 7	1 0 1 4	7 9	...	...	...	...	...			
116	Makhandi	{ Do. Do.	...	...	...	282 282	2 8 2 12	705 775	11 11	2 0 2 2	22 23	34 34	2 0 2 2	68 72	78 78	1 4 1 4	97 97	...	...	...	...	...			
117	Gad	{ Do. Do.	6 6	2 8 3 0	15 18	423 423	2 8 2 12	1,057 1,163	9 9	2 0 2 2	18 19	9 9	2 0 2 2	18 19	91 91	1 4 1 4	114 114	...	...	...	...	...			
118	Gurabo	{ Do. Do.	...	...	...	647 647	2 8 2 12	1,617 1,779	9 9	2 0 2 2	18 19	...	...	...	91 91	1 4 1 4	24 24	...	...	...	...	...			
119	Shekhpur	{ Do. Do.	...	...	...	177 177	2 8 2 12	442 487	3 3	2 0 2 2	6 6	2 2	2 0 2 2	4 4	67 67	1 4 1 4	84 84	...	...	...	...	...			
120	Lao	{ Do. Do.	...	...	...	209 209	2 8 2 12	522 576	8 8	2 0 2 2	16 17	...	...	...	12 12	1 4 1 4	15 15	...	...	...	...	...			
121	Bungahadi	{ Do. Do.	...	...	...	312 312	2 8 2 12	789 858	1 1	2 0 2 2	2 2	...	...	...	4 4	1 4 1 4	5 5	...	...	...	...	...			
122	Majabari	{ Do. Do.	...	...	...	227 227	2 8 2 12	567 624	1 1	2 0 2 2	2 2	...	...	...	131 131	1 4 1 4	164 164	...	...	...	...	...			
123	Ghurbi	{ Do. Do.	...	...	...	413 413	2 8 2 12	1,032 1,136	13 13	2 0 2 2	26 28	...	...	...	56 56	1 4 1 4	70 70	...	...	...	...	...			
124	Ridabdi	{ Do. Do.	...	...	...	369 369	2 8 2 12	922 1,015	17 17	2 0 2 2	34 38	3 3	2 0 2 2	6 6	67 67	1 4 1 4	84 84	...	...	...	...	...			
125	Chbel	{ Do. Do.	...	...	...	124 124	2 4 2 12	279 341	...	...	...	...	...	...	3 3	1 0 1 4	3 4	...	...	...	...	...			
126	Nareri	{ Do. Do.	...	...	...	1,251 1,251	2 8 2 12	3,127 3,440	...	...	...	...	...	...	70 70	1 4 1 4	87 87	...	...	...	...	...			
127	Dugar	{ Do. Do.	1 1	2 8 3 0	2 3	468 468	2 8 2 12	1,170 1,287	...	...	...	...	...	...	37 37	1 4 1 4	46 46	6 6	2 4 2 4	13 13	...	...			
128	Chandandi	{ Do. Do.	1 1	2 8 3 0	2 3	683 683	2 8 2 12	1,707 1,879	1 1	2 0 2 2	2 2	...	...	...	15 15	1 4 1 4	19 19	...	...	...	...	...			

XVI—continued.

RABI.															BARANI.										TOTAL.		Increase.	Increase per cent.	Average rate of assessment per acre.													
LIFT.			LIFT AND FLOW.			SAILAN.			DOST.			BARUL PLANTATION.			KHARIP.			RABI.				Area.	Assessment.																			
Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.			Rate.	Assessment.																	
Acres.	Rs. a.	Rs.	A.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	A.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	A.	Rs. a.	Rs.	Acres.	Rs.																				
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APPE N D I X X V I I .																						...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	451	1,240																					
16	2 4	36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	299	579																					
18	2 4	36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	299	621																					
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	833	2,151																				
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No.	Name of village.	GARDENS, &c.			KHARIF.												FLOW.		
					RICE UNDER FLOW.			OTHER FLOW.			LIFT AND FLOW.			LIFT.					
		Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.
3rd Group—continued.		Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.
129	Khalifa... { Existing settlement Pr. posed settlement.	...	...	...	621	2 4	1,397	43	1 12	73	...	...	...	50	1 0	50	...	...	...
		...	...	...	621	2 12	1,708	42	2 2	89	...	...	...	50	1 4	62	...	...	...
130	Waghu Daho ... { Do. ... Do. ...	5 2 8 5 3 0	12 15	1,000 1,000	2 8 2 12	2,500 2,750	5 2 0 5 2 2	10 11	6 2 0 6 2 2	12 13	22 23	1 4 1 4	27 27	...	...	...	...	...	...
131	Rahadmi ... { Do. ... Do. ...	10 2 8 10 3 0	25 30	490 490	2 8 2 12	1,225 1,347	13 2 0 13 2 2	26 28	2 2 0 2 2 2	4 4	30 30	1 4 1 4	25 25	...	...	...	...	...	...
132	Wahariaro ... { Do. ... Do. ...	...	...	330 330	2 8 2 12	990 1,155	14 2 0 14 2 2	28 30	...	...	...	23 23	1 4 1 4	29 29	...	...	...	...	...
133	Charo ... { Do. ... Do. ...	1 2 8 1 3 0	2 3	32 32	2 8 2 12	80 88	2 2 0 2 2 2	4 4	...	...	...	23 23	1 4 1 4	29 29	...	...	...	...	...
134	Siarai ... { Do. ... Do. ...	2 2 8 2 3 0	5 6	141 141	2 8 2 12	352 358	42 2 0 42 2 2	84 89	1 2 0 1 2 2	2 2	35 35	1 4 1 4	44 44	...	...	...	...	...	...
135	Sanghar ... { Do. ... Do. ...	1 2 8 1 3 0	2 3	76 76	2 8 2 12	190 208	2 2 0 2 2 2	4 4	...	...	...	75 75	1 4 1 4	94 94	...	...	...	...	...
136	Khambaro ... { Do. ... Do. ...	4 2 8 4 3 0	10 12	997 997	2 8 2 12	2,492 2,742	25 2 0 25 2 2	50 53	...	...	...	87 87	1 4 1 4	109 109	...	...	...	...	...
137	Sutari ... { Do. ... Do. ...	13 2 8 13 3 0	33 39	653 653	2 8 2 12	1,632 1,796	42 2 0 42 2 2	84 89	...	...	...	94 94	1 4 1 4	117 117	...	...	...	...	...
138	Gabario ... { Do. ... Do. ...	...	...	1,332 1,332	2 8 2 12	3,330 3,643	41 2 0 41 2 2	82 87	...	...	...	105 105	1 4 1 4	131 131	...	...	...	...	...
139	Achh ... { Do. ... Do. ...	4 2 8 4 3 0	10 12	372 372	2 8 2 12	930 1,023	97 2 0 97 2 2	194 206	...	...	...	91 91	1 4 1 4	114 114	...	...	...	...	...
140	Dasti ... { Do. ... Do. ...	...	...	693 693	2 8 2 12	1,682 1,681	13 2 0 13 2 2	26 28	...	...	...	9 9	1 4 1 4	11 11	...	...	...	...	...
Total of the 3rd Group.		108 108	2 8 3 0	260 324	18,659 18,659	2 8 2 12	45,984 51,558	1,003 1,003	2 0 2 2	1,878 2,129	118 118	2 0 2 2	2,424 2,575	2,063 2,063	1 4 1 4	2,412 2,575	6 2 4 6 2 4	13 13	13
4th Group.																			
141	Lacri ... { Do. ... Do. ...	1 2 4 1 2 12	2 3	390 390	2 4 2 8	675 750	17 1 12 17 1 14	30 32	9 1 12 9 1 14	16 17	2 1 0 2 1 0	2 2	...	...	...	...	...	...	...
142	Saudo ... { Do. ... Do. ...	...	...	216 216	2 8 2 8	498 540	9 1 12 9 1 14	16 17	...	...	...	...	...	...	...	...	...	...	...
143	Pateji ... { Do. ... Do. ...	...	...	46 48	2 4 2 8	108 120	2 1 12 2 1 14	3 4	...	...	...	...	...	...	...	...	...	...	...
144	Lunkhan ... { Do. ... Do. ...	2 2 4 2 2 12	4 5	111 111	2 4 2 8	250 277	32 1 12 32 1 14	68 69	...	...	...	...	...	...	...	...	...	...	...
145	Chorabdi ... { Do. ... Do. ...	...	...	298 298	2 4 2 8	643 715	38 1 12 38 1 14	66 71	2 1 12 2 1 14	3 4	14 15	1 0 1 0	14 14	...	...	...	...	...	...
146	Wariaro ... { Do. ... Do. ...	...	...	230 230	2 4 2 8	517 576	3 1 12 3 1 14	5 6	...	...	...	...	...	...	...	...	...	...	...
147	Dhaman...	...	...	...	...	...	...	...	...	...	...	...	Unsurveyed—vide						
148	Luhan ... { Do. ... Do. ...	...	...	145 145	2 4 2 8	326 362	1 1 12 1 1 14	2 2	...	...	...	5 1 0 5 1 0	5 5	...	...	...	...	...	...
149	Tat ...	...	...	...	...	...	...	...	...	...	...	...	Unsurveyed—vide						
150	Bhralo ...	...	...	...	...	...	...	...	...	...	...	...	Unsurveyed—vide						
151	Khadi ... { Do. ... Do. ...	...	...	1 3 4 1 3 8	...	2 2	2 1 12 2 1 14	3 4	...	...	...	...	...	...	...	...	...	...	...
152	Pal ...	...	...	...	...	...	...	...	...	...	...	...	Unsurveyed—vide						
153	Marad ...	...	...	...	...	...	...	...	...	...	...	...	Unsurveyed—vide						
154	Kandiari ...	...	...	...	...	...	...	...	...	...	...	...	Unsurveyed—vide						
155	Slathri ...	...	...	...	...	...	...	...	...	...	...	...	Unsurveyed—vide						
156	Boharki ...	...	...	...	...	...	...	...	...	...	...	...	Unsurveyed—vide						
157	Kak ...	...	...	...	...	...	...	...	...	...	...	...	Unsurveyed—vide						
158	Mor ...	...	...	...	...	...	...	...	...	...	...	...	Unsurveyed—vide						
159	Kunar ...	...	...	...	...	...	...	...	...	...	...	...	Unsurveyed—vide						
160	Singari...	...	...	...	...	...	...	...	...	...	...	...	Unsurveyed—vide						
161	Walhari ...	...	...	...	...	...	...	...	...	...	...	...	Unsurveyed—vide						
162	Pakho Ther ...	...	...	...	...	...	...	...	...	...	...	...	Unsurveyed—vide						
163	Jhanjhill ... { Do. ... Do. ...	2 2 4 2 2 12	4 5	102 102	2 4 2 8	229 255	99 1 12 99 1 14	173 186	...	...	...	...	...	...	...	...	...	...	...
164	Kadhar ... { Do. ... Do. ...	...	...	...	...	...	1 2 0 1 2 14	2 2	...	...	...	37 1 4 37 1 0	46 37	...	...	...	...	...	...

XVI—continued.

RAJ.										BARANI										TOTAL		Increase.	Increase per cent.	Average assessment per acre						
LIFT.			LIFT AND FLOW.			SAILAR.			BOAL.			BARUL PLANTATION.			KHARIP.			RABI.			Area.				Assessment.					
Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.		Area.	Assessment.							
Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs.								
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1	2	4	2	...	...	20	1	12	35	16	1	12	28	61	0	6	23	2	1	0	2	4	1	4	6	817	1,584			
1	2	4	2	...	...	10	1	12	17	23	1	12	40	36	0	6	13	...	...	...	...	...	...	...	1,109	2,633	255	9 58	2 4	
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...	...	...	...	...	...	16	1	12	28	4	1	12	7	22	0	6	83	...	...	...	2	1	4	2	779	1,425				
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...	...	...	...	...	...	48	1	12	86	73	1	12	153	17	0	6	6	...												

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No.	Name of village.	GARDENS, &c.			KHARIF.												FLOW.		
					RICE UNDER FLOW.			OTHER FLOW.]			LEFT AND FLOW.			LEFT.					
		Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.
	4th Group—contd.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.
155	Sahla { Existing settlement.	...	...	...	28	2 4	63	14	1 12	24	...	...	...	4	1 0	4	...	...	...
	{ Proposed settlement.	...	...	...	28	2 8	70	14	1 14	26	...	...	...	4	1 0	4	...	...	...
156	Mithi { Do.	...	...	...	24	2 4	58	5	1 12	9	...	...	...	12	1 0	12	...	...	...
	{ Do.	...	...	...	26	2 8	65	5	1 14	9	...	...	...	12	1 0	12	...	...	...
157	Padhar { Do.	...	...	...	147	2 4	331	5	1 12	9	...	...	...	3	1 0	3	...	...	...
	{ Do.	...	...	...	147	2 8	367	5	1 14	9	...	...	...	3	1 0	3	...	...	...
158	Kumbhararo { Do.	2	2 4	4	40	2 4	90	19	1 12	33	...	...	...	6	1 0	6	...	...	...
	{ Do.	2	2 12	5	40	2 8	100	19	1 14	36	...	...	...	6	1 0	6	...	...	...
159	Widri { Do.	...	...	...	17	2 4	38	4	1 12	7	...	...	...	1	1 0	1	...	...	...
	{ Do.	...	...	...	17	2 8	43	4	1 14	7	...	...	...	1	1 0	1	...	...	...
	Total of the 4th Group.	7	2 4	14	1,897	2 4	3,618	251	1 12	439	11	1 12	19	84	1 0	93	...	...	...
		7	2 12	18	1,907	2 8	4,240	251	1 14	471	11	1 14	21	84	1 0	94	...	...	...

APPENDIX

Abstract for Taluka

Number of villages.	GARDENS.			KHARIF.												FLOW.			LIST.		
	RICE UNDER FLOW.			OTHER FLOW.			LETT AND FLOW.			LIST.											
Area.	Average rate.	Assessment.	Area.	Average rate.	Assessment.	Area.	Average rate.	Assessment.	Area.	Average rate.	Assessment.	Area.	Average rate.	Assessment.	Area.	Average rate.	Assessment.	Area.	Average rate.	Assessment.	
100																					
Existing settlement ...	718	2 10	1,978	67,938	2 10	184,403	2,734	2 2	5,616	464	2 2	1,007	5,240	1 6	7,185	15	2 6	35	543	2 6	1,108
Proposed „ ...	718	3 2	2,376	67,938	2 14	205,243	2,734	3 4	6,206	464	3 4	1,105	5,240	1 6	7,494	15	2 6	35	543	3 6	1,118

XVI—concluded.

RABI.												BARU PLANTATION.			BARANI.						TOTAL.		Increase.	Increase per cent.	Average rate of assessment per acre.
LIPT.			LIPT AND FLOW.			SAILAS.			BOOI.			BARU PLANTATION.			KHAIRI.			RABI.			Area.	Assessment.			
Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.	Area.	Rate.	Assessment.			Area.	Rate.	Assessment.
Acres.	Rs. a.	Rs.	A.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	Acres.	Rs. a.	Rs.	A.	Rs. a.	Rs.	Acres.	Rs.			
...	...	...	...	...	...	7	1 8	10	17	1 8	25	...	...	...	12	1 0	12	1 1 4	1	83	139				
...	...	...	...	...	...	7	1 8	10	17	1 8	25	...	...	...	12	1 0	12	1 1 4	1	83	148				
...	...	...	3	2 0	6	11	1 8	16	5	1 8	7	...	...	...	59	1 0	59	20	1 4	25	141	192			
...	...	...	3	2 0	6	11	1 8	16	5	1 8	7	...	...	...	59	1 0	59	20	1 4	25	141	190			
...	...	...	...	...	...	5	1 8	7	6	1 8	9	...	...	...	1	1 0	1	...	1 4	...	167	360			
...	...	...	...	...	...	5	1 8	7	6	1 8	9	...	...	...	1	1 0	1	...	1 4	...	167	336			
...	...	...	...	...	...	22	1 8	33	12	1 8	18	2	0 4	...	10	1 0	10	1	1 4	1	114	195			
...	...	...	...	...	...	22	1 8	33	12	1 8	18	2	0 4	...	10	1 0	10	1	1 4	1	114	200			
...	...	...	...	...	...	4	1 8	6	6	1 8	9	...	...	...	19	1 0	19	4	1 4	5	55	85			
...	...	...	...	...	...	4	1 8	6	6	1 8	9	...	...	...	19	1 0	19	4	1 4	5	55	89			
265	2 0	530	37	2 0	74	188	1 8	290	245	1 8	365	670	0 4	166	135	1 0	135	32	1 4	39	3,622	5,989			
265	2 0	530	37	2 0	74	188	1 8	279	245	1 8	343	670	0 4	166	135	1 0	135	32	1 4	39	3,622	6,420			

XVI.

Badin.

RABI.									BARUL PLANTATIONS.			BARANI.						TOTAL.		Increase.	Increase per cent.	Average assessment.
LUFT AND FLOW.			SAILAR.			BOOL.						KHARIF.			RABI.							
Area.	Average rate.	Assessment.	Area.	Average rate.	Assessment.	Area.	Average rate.	Assessment.	Area.	Average rate.	Assessment.	Area.	Average rate.	Assessment.	Area.	Average rate.	Assessment.	Area.	Assessment.			
51	2	111	5,751	1 14	11,377	6,574	1 14	12,791	4,448	0 7	1,800	194	1 2	201	173	1 6	216	94,853	227,764			
51	2	111	5,751	1 14	11,573	6,574	1 14	13,179	4,448	0 7	1,938	194	1 2	201	173	1 6	222	94,853	250,878			

B. A. BRENDON,
Assistant Collector, Tando.

APPENDIX XVII.

Statement showing cultivation in unsurveyed land in the Badin Taluka on an average of five years from 1891-92 to 1895-96 with the present and proposed rates of assessment.

Name of village.	Class of land.	Area.	Average assessment per acre.	Assessment.	Decrease.	Decrease per cent.
Daphri	Pako.	...	...	...	...	...
Dharan		...	...	...	...	...
Tat—						
Present settlement...		6	1 11	10	}	...
Proposed "		6	1 11	10		
Babralo		...	...	...		
Pal—						
Present settlement...		10	1 3	12	}	...
Proposed "		10	1 3	12		
Marad—						
Present settlement...		1	1 0	1	}	...
Proposed "		1	1 0	1		
Kandiari—						
Present settlement...		2	1 0	2	}	...
Proposed "		2	1 0	2		
Siathri		...	...	...		...
Boharki		...	...	...		...
Kak		...	...	...		...
Mor—						
Present settlement...		1	1 0	1	}	...
Proposed "		1	1 0	1		
Kunar—						
Present settlement...		52	1 12	91	}	13 14.29
Proposed "		52	1 8	78		
Singari—						
Present settlement...		70	1 1	74	}	...
Proposed "		70	1 1	74		
Walhari—						
Present settlement...		23	1 0	23	}	...
Proposed "		23	1 0	23		
Pakho Thar—						
Present settlement...		37	1 4	46	}	...
Proposed "		37	1 4	46		
Total—						
Present settlement...		202	1 5	260	}	13 5
Proposed "		202	1 4	247		

APPENDIX XVIII.

Statement showing the general Financial results of the proposed Settlement.

	Present Settlement.	Proposed Settlement.	Increase.	Increase per cent.
	Rs.	Rs.	Rs.	Rs.
Surveyed land ...	2,27,784	2,50,878	23,094	10.14
Unsurveyed land ...	260	247	Decrease 13	Decrease 5
Total ...	2,28,044	2,51,125	23,081	10.12

B. A. BRENDON,
Assistant Collector, Tando.

APPENDIX XIX.

No. 1314 of 1897.

PUBLIC WORKS DEPARTMENT.

Executive Engineer's Office,

Fuleli Canals,

Camp Escape, dated 14th March 1897.

From

T. SUMMERS, ESQUIRE, M.I.C.E.,

Executive Engineer,

Fuleli Canals,

To

B. A. BRENDON, ESQUIRE,

Assistant Collector, Tando.

SIR,

As requested in your No. 21 of 7th January 1897, I have the honour to submit a report on the Badin Taluka during the current settlement.

(1) *The Fuleli* (called Guni Large south of Gaja Wah Mouth)—

- The Government cultivation has decreased for some years back, but the jagir has increased by some 3,000 acres.
- In 1839, the bed of the Fuleli was cleared from the mouth of New Kazia to the Triple Sluice, where the Fuleli splits up into 3 branches, at a cost of Rs. 46,000, but this silt has collected again as before, but it will be cleared out when the Escape now in progress is opened.

(2) *Jamsherwah*—

- Kharif cultivation has remained steady, but in 1893-94 and in 1895-96 there was a decrease of about 300 acres in rabi. This is not an important canal.
- No improvement carried out.

(3) *Mirwah Talhar and its branches*—

- Rajwah Talhar.
- Ghari Mandhar.
- Old Kazia.

- This canal takes at a bend in the Fuleli, just above Talhar, and if allowed to flow full without regulation would soon become the real tail of the Fuleli, but of course the country along its banks and at its tail in the Rann of Kutch would be swamped. The supply is practically unlimited, but has to be regulated to supply other canals taking off further down from the Fuleli. The dehs on both its banks have had a plentiful supply of water.

- Rajwah Talhar.* This canal acts as an escape to the Mirwah Talhar. Its cultivation has increased from 800 acres kharif in 1889-90 to 1,300 acres in 1895-96.
- Ghari Mandhar.* This is the name given to the lower part of the Mirwah Talhar, below Badin. It has worked as well as the Mirwah Talhar, and has had a plentiful supply.

3. *Old Kazia*. This is really an escape to the Ghari Mandhar, taking off about 5 miles below Badin, and extending some 10 miles towards the Rann. Cultivation is also permitted on this when water is plentiful. This escape is of great benefit to the Badin people, as on its right bank, which is allowed to breach, there are several *dhands*, which have water in them nearly all the year round, and thousands of cattle find grazing where formerly was a flat, waterless plain. Besides this, grass is grown on its borders, and rabi. Its left bank is kept strong to protect the cultivation on the Ghari Mandhar. It is a question whether grazing fees should not be charged. The owners of cattle appear to be very well off, and will certainly not do a day's manual labour unless forced to.

(b) Improvements to Mirwah Talhar and its branches—

1. *The Rajwah Talhar* was extended into the Bareji Dhand in 1894-95 at a cost of Rs. 4,145, which enables it to take off a little more water in an emergency.
2. In 1892, the tail of Ghari Mandhar was widened at a cost of Rs. 1,200, which relieved some of the villages from excessive flooding. Another escape to the Rann will be considered when time permits.
3. *Old Kazia*. This was opened in 1890-91 at a cost of Rs. 17,876, and is of great benefit to Ghari Mandhar. It is now being extended 5 miles into the Rann of Kutch at a cost of Rs. 4,000.

(c) *Sydawah*—

- (a) Is a small canal, the cultivation on which has remained steady during this settlement.
- (b) No improvements have been carried out.

(5) *Kazia New and its branches*—

1. Nurwah.
2. Gunjbahar.

- (a) This canal is similar to the Mirwah Talhar in that it will take off as much water as can be spared for it. But as water has to be forced down to the tail canals of the Fuleli, the supply in the Kazia New has to be regulated from time to time throughout the abkalan. Complaints about this regulation are received frequently, but, if it was not done, the canals below Kazia New would get less and less water, and some would even stop flowing. Besides this, when a full supply is allowed into it, much waste goes on, which is not as it should be and as ordered in the Commissioner's Special Circulars. If waste was checked in June and July, and heavy, *not nominal*, fines inflicted *within a day or two of the offence*, the water would suffice for a greater area, and Government would gain much. A few cases would soon make the cultivators careful. Cultivation has remained steady throughout this settlement.

1 and 2 *Nurwah and Gunjbahar* have worked well, owing to the regulation of Kazia New, which prevents excessive flooding. The kharif cultivation has increased by about 1,000 acres during this settlement. There is some little deficiency during the transplantation of rice, but this can be removed by restriction of waste during that season in the Kazia New.

- (b) A Head Regulator was constructed in 1889, which has been of great benefit, as without it the land on its branches must have been flooded every year, and by regulation canals lower down, from the Fuleli, have had their supply kept up.

(6) *Mithnawah*—

- (a) This was formerly a Jagir canal, and was brought on the Government list in 1892, when it was cleared, and the cultivation at once rose from about 250 acres to about 1,200. It worked fairly well, but the villages in the tail suffer from deficiency of water.
- (b) The special clearance in 1892 was done at a cost of Rs. 2,152. An estimate for Rs. 9,405 for improving the canal was sanctioned by Government, but has been postponed. It is probable that a better scheme of improvement will be proposed, but without special men for surveying it, is impossible for me to get up such projects.

(7) *Ghar Kadhan and its branches*—

1. Aliwah Small.
2. Lakhiawah.
3. Mehrabwah.

- (a) These canals have only worked fairly well, but a project for an escape is under consideration. The Ghar Kadhan takes off from the deeply silted bed of the Fuleli, and, as it has no escape, it silts heavily, and costs much to clear. The Fuleli Main Escape, by clearing the Fuleli bed, will improve these canals, and when a small escape is provided for them they will be still further improved and the flooding of land round Lowari will be reduced considerably.
- (b) No improvement worth noting has been made on any of these canals.

(8) *Suni Guni and its branches*—

1. Sherwah Small.
2. Rajwah Kadhan.

- (a) The supply is kept up by rotation throughout the season, and therefore the cultivation is kept up. In the first 8 miles, the supply is good, but below that there is some deficiency. There is much waste from the upper reaches, and cultivation can be increased if this waste is checked by fines.
- (b) A small escape was made into a *dhora* at its tail at a cost of Rs. 19,000, but has been of little use. A survey is now being made for a new escape, and it is hoped that a good project can be got up for improving this canal, including a new mouth, as its present one will be removed to make room for the Main Escape.

1. *Sherwah Small*—

- (a) Does not work well. Much of the cultivation shown on it is really on Suni Guni.
- (b) No improvements carried out. This canal will be considered with general improvement of Suni Guni.

2. *Rajwah Kadhan*—

- (a) This canal is really the tail of Suni Guni and works well. Its cultivation is steadily increasing. By regulating its head, water is forced down towards the tail of Suni Guni.
- (b) An escape from its tail at the village of Kadhan was made in 1893-94 at a cost of Rs. 7,800, which has proved of considerable benefit in reducing breaches near its tail.

(9) *Sherwah Large*—

- (a) This canal worked satisfactorily, and supply was plentiful in the first 12 miles, but there was much water wasted, which could have been used further down, if it had been checked.

(b) An escape was made into the Puran at a cost of Rs. 3,600, which has been of use in reducing the breaches at its tail.

(10) *Alivah Large*—

- (a) This canal also had a plentiful supply in the first 12 miles, but there is much waste, which causes deficiency lower down.
 (b) The tail was widened in 1893-94 at a cost of Rs. 5,200, which reduced the breaches towards the tail.

2. The reasons for complaints of scarcity in some of the tail canals are the same as for Bago Tando—that rice cultivation is increasing and water is wasted near the mouths,—so that water is used up in the beginning of the season and does not reach the tails. In the Commissioner in Sind's review of the annual Administration Reports of Collectors and Deputy Commissioners in Sind for 1895-96, it is stated that "the low water in the Fuleli brought its own remedy," but I take this opportunity of pointing out that a very large proportion of the increase of revenue in Bago Tando and Badin is due to the incessant rotation which was kept up throughout the season, without which the revenue would have been many thousand of Rupees less; and I think that credit is due to the exertions of the P. W. Department subordinates.

3. Special efforts were also made by the P. W. Department subordinates to check waste of water, and if they were backed up by the Mukhtyarkar trying a few cases within a day or two of their occurrence and inflicting heavy fines according to paragraph 8 of the Commissioner in Sind's Special Circular No. 76 of 15th May 1894, much of the waste would cease, and I can guarantee that the revenue will rise still higher. I have no information as to the cases reported by Tapadars and tried by the Mukhtyarkar, which cases may be disposed of at once, but the cases reported by my subordinates are generally decided several months after they occur, and probably *after rain has fallen*. Of course, all cases could not be tried at once, on the spot, but some could, especially in the months of June and July, when water is all required for cultivation and when a very strict watch should be kept. The fines inflicted are merely nominal, as Rs. 5 to Rs. 15 is nothing to men in a district where no one requires to work more than an hour or two a day for his living, and these small sums do not deter men from committing the offences, as in many cases they will gain by the offence many times the penalty inflicted.

4. It is rather a hopeless task of my subordinates to go on exerting themselves to stop waste and so increase revenue, when they find that such small fines are inflicted, as of course much of their time is taken up going backwards and forwards, often several times, for the same case to the Mukhtyarkar's camp. If a deterrent fine was inflicted when a man was caught red handed, it would be some satisfaction.

5. A case occurred lately in which a man extended a karia without permission and watered certain numbers, of which the assessment came to Rs. 91. The case was referred to me for opinion by the Assistant Collector, Tando, and I recommended that he should pay the penalty of Rs. 91 (double assessment), but I hear that the case has been disposed of by fining the man Rs. 3, which is the same thing as letting him off.

6. In Badin, there is no doubt that the zamindars consider themselves the masters, and are determined to fight against the Government rules, even threatening violence against Government servants carrying them out.

7. I may have written matters foreign to such a report, but I am anxious to see the irrigation improved, especially in the Badin Taluka. It is now above all the others in area of cultivation and revenue, but can rise *very much higher*, if all the Government officials try their best to reduce waste of water, and other offences.

8. The year 1895-96 was a very good year for Bago Tando and Badin, and the current year is also, but if a high river occurs, such as in 1892 or 1894, the old state of affairs—breaches, remissions and floods—will come again, as, till the

Fuleli Escape is made, the water in the canal cannot be controlled to any extent.

9. Another great disadvantage which these talukas in the south suffer by is the excessive cost of carriage by camels. This will be removed when the Escape is made, and cultivation will be carried on in security, whatever the state of the river.

10. I have written a separate letter to the Collector of Hyderabad, recommending that the revision of the settlement of the Badin Taluka should be postponed for the reasons given in paragraphs 8 and 9 above.

I have, &c.,

(Signed) THOS. SUMMERS, M. I. C. E.,
Executive Engineer, Fuleli Canals.

(True copy)

B. A. BRENDON,
Assistant Collector, Tando.

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No. 3048 of 1897.

Collector's office,
Hyderabad, 14th June 1897.

From

THE ACTING COLLECTOR,
Hyderabad,

To

THE COMMISSIONER IN SIND.

SIR,

On receipt of your memo. No. 5386 of the 8th November 1895, the Assistant Collector of the Tando was required to undertake the collection of statistics and the preparation of proposals for a revision of settlement rates in talukas Badin and Tando Bago: his reports were due in November last, but he was unable to submit them until last month. Thus, even if Mr. Dodgson's tour had not been suddenly cut short by his having been obliged to suddenly return to Hyderabad in order to undertake Plague operations, it would not have been practicable for him to have tested the Assistant Collector's proposals by local inquiry.

2. As a matter of fact, however, the records show that Mr. Dodgson at the time he left the district was prepared to recommend that any alteration in the existing rates should be deferred until 1897-98, this view having been based on the representations made by the Executive Engineer in charge of the Fuleli Canals on the subject of the water-supply. (Vide copies of correspondence hereto attached.)

3. Mr. Brendon's reports, which are herewith forwarded, are doubtless valuable as bringing up to date statistical information regarding the two talukas in question; but at the same time, in the face of the strongly expressed views of the Irrigational officer, who rightly points out not only the changes which must ensue on the execution of the works now approaching completion, but the very disastrous consequences which would follow a flood shortly after the introduction of enhanced rates, I would venture to recommend that at least the one year's grace, so forcibly urged for by the Executive Engineer, be accorded. Meanwhile, Mr. Brendon's report and the statistical tables might be printed to facilitate future review.

I have the honour to be,

Sir,

Your most obedient Servant,

C. E. S. STEELE,
Acting Collector, Hyderabad.

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No. 1355 of 1897.

PUBLIC WORKS DEPARTMENT.

*Executive Engineer's office,
Fuleli Canals,
Camp Bago Tando, 16th March 1897.*

From

THE EXECUTIVE ENGINEER,
Fuleli Canals,

To

THE COLLECTOR OF
Hyderabad.

SIR,

I have the honour to recommend very strongly that the revision of settlements in the Badin Taluka should be postponed for another year up to 31st July 1898, or until the Fuleli Escape is opened, for the following reasons:—

(1) *Floods, breaches, and remissions.*

The river was low during the past two seasons, and consequently there were no breaches in the Badin Taluka, not of course without many complaints being made as to the regulation of canals.

We cannot rely upon these low seasons continuing, and should a flood occur again this year, even considerably lower than that of 1892, or 1894, the old state of things will occur again, and *we must have breaches throughout the Badin Taluka, and part of Bago Tando*, as at present we have practically no control over the Fuleli, as, when it comes down in flood, the excess water must go somewhere, and breach the banks, however strong and high they may be. Should rain fall without a high river, breaches must occur.

(2) *Cost of carriage.*

The cost of carriage by camels and carts, while the Fuleli Canal is closed to boat traffic from November till May, is excessive. For example, the cost of carriage from Badin to Hyderabad is about 8 to 9 annas per maund by camels or carts, while by water carriage, when the Fuleli runs all the year round, the cost will be reduced to from 1 to 1½ annas per maund, or by more than 80%. At the present moment, there are large quantities of rice stored up, as it does not pay to send it to Hyderabad by camel. This happens every season, the money value of the rice remaining locked up till the canal is opened.

The Fuleli Escape is now in progress, and when made it will almost entirely remove the above defects. A second Escape is of course required for a canal of this length, before it can be completely under control, and a most excellent line for this has been surveyed, taking off 46 miles below the new mouth.

If the revision of assessment is postponed for a year, I shall report to you early in 1898 as to the probable date of completion of the Escape, so that it can be again taken into consideration whether a further postponement is advisable.

I also think that the revision in Bago Tando might also be postponed, but this is not so very urgent as Badin, as Bago Tando *can be saved by closing the head sluices of its branch canals* from the Fuleli, and sending the water on

towards the tail to flood Badin, thus causing all or nearly all the damage and loss to be borne by one taluka, *which is not by any means a good way out of the difficulty.*

It may be said that we should close the head regulator at the New Fuleli mouth, but during the last flood years, as much as 6 feet were shut out by it; but as there is no regulator at the mouth of the Old Fuleli, the fall in this mouth was much increased, and the flood poured in.

It would be awkward if the assessments were raised in these talukas, and a high river came again, which is as likely as not, before the Escape is opened.

If the settlements are revised this year, the amount of increase could be but small, owing to the chances of flooding, and the enormous cost of carriage; and I therefore take the liberty of suggesting that they be postponed for the present till 31st July 1898, before which time the date of opening of the Escape will be known approximately.

When the Escape is opened, the flooding will be very much reduced, even in a high year, when rain falls, and the water carriage will come into use, so that it would be no hardship to increase the assessments considerably.

When the second Escape is made, the Fuleli will be completely under control, and will then be one of the finest canals in India, as escapes are to canals what safety valves are to engines.

I have the honour to be,

Sir,

Your most obedient Servant,

(Signed) THOMAS SUMMERS, M. I. C. E.,
Executive Engineer, Fuleli Canals.

No. 320 of 1897.

REVENUE DEPARTMENT.

*Assistant Collector's office,
Camp Tando Muhammad Khan,
25th March 1897.*

From

THE ASSISTANT COLLECTOR,
Tando,

To

THE COLLECTOR OF
Hyderabad.

SIR,

I have the honour to return the papers received with your endorsement No. 1327 dated the 22nd instant.

2. I agree with Mr. Summers in thinking that the postponement of the revision of the assessments in Tando Bago and Badin is advisable. Whether the completion of the Fuleli Escape will justify such considerable increases in the rates as Mr. Summers seems to anticipate is another matter; but I think

there can be no doubt that the prosperity of these talukas during the last two years is entirely due to the low inundation. As Mr. Summers says, it would be disastrous if a serious flood occurred in the first year of the new settlement.

I have the honour to be,
Sir,
Your most obedient Servant,
(Signed) B. A. BRENDON,
Assistant Collector, Tando.

No 1623 of 1897.

Collector's office,
Hyderabad, 9th April 1897.

From

THE COLLECTOR OF

Hyderabad,

To

THE ASSISTANT COLLECTOR,

Tando.

SIR,

With reference to your letter No. 320 dated 25th ultimo, I have the honour to state that I agree with you as to the undesirability of introducing a new settlement into the Tando Bago and Badin Talukas for the present. I would ask you, however, to submit your settlement reports as soon as possible, and, while doing so, to discuss this point, and to draw attention to this letter.

I ask that you should do this as I am leaving the district, and my successor, to whom your reports will go, may perhaps be interested in knowing my views.

I have the honour to be,
Sir,
Your most obedient Servant,
(Signed) C. G. DODGSON,
Collector.

No. 2684 of 1898.

REVENUE DEPARTMENT.

Collector's Office,
Hyderabad, 29th April 1898.

From

THE COLLECTOR OF HYDERABAD

To

THE COMMISSIONER IN SIND.

SIR,

I have the honour to submit, in continuation of my letter No. 3048 of the 14th June, the accompanying report in connection with the revision of rates in talukas Badin and Tando Bago, together with a statement summarising the objections raised by the zamindars and Mr. Brendon's replies thereto.

Two from Messrs. Hiranand and
Mathradas.
Four from Mr. Dayaram Gidmal, C. S.
Representations by the Anjuman of
Zamindars of the Tando Division.

A few selected petitions and Mr. Brendon's
letter disposing of the same are also attached.

2. The revenue of this taluka has progressed very satisfactorily under the current settlement. It has increased from Rs. 1,26,957 in 1885-86, the last year of the old settlement, to Rs. 2,33,736 in 1895-96, which represents an increase of 84 per cent. (*vide* pages 89 and 90 of the printed report). The area under cultivation has risen from 74,132 acres to 109,255 acres, that is, by 35 per cent. The figures for the pre-settlement period include, moreover, Hakaba and Miscellaneous Revenue, whereas those for the later period do not; consequently, the increase obtained under the current settlement is even greater than that shown by Mr. Brendon.

3. There is a large area of uncultivated land in the taluka, both occupied and unoccupied, and it is obvious that, when the improvements in irrigation now in progress are brought to completion, there will be a still greater increase both in cultivation and revenue. At present, the main hinderance to further progress is the absence of an escape channel for the Fuleli, the prolongation of which canal—the Guni—bursts its banks, flooding cultivable land in parts of the country and causing drought elsewhere: with a better and more certain water-supply, there would be more trustworthy data for considering the desirability of an enhancement of rates; nevertheless, although I am not satisfied as to the soundness of the basis of Mr. Brendon's proposed all-round enhancement for gardens, rice, and other flow, and lift aided by flow, I am fully of opinion that a re-arrangement of the existing grouping of the villages is both warranted and desirable. Mr. Brendon has adduced good reasons for the grouping suggested by him; and the grouping itself has evidently been made with much care and judgment.

4. Mr. Brendon's proposed all-round enhancement of rates, however, when super-added to a rise in groups, represents more than a single enhancement, whereas by postponing for the present any general enhancement until the Fuleli escape and other works have been completed, the result of a change in grouping will be that dehs raised, or lowered, will be affected in rates only to the extent of such difference as may exist between the former and proposed grouping.

5. Various *general* objections to any revision of rates (except in a downward direction) have been made by the land-holders both in this and the Tando Bago Taluka, but *specific* objections have been made in respect of 17 dehs only. If alterations in grouping be resorted to, unaccompanied by any general

raising of the rates, it will be found that in 14 out of these 17 dehs the present existing rates will continue in force, inasmuch as their grouping remains unaltered, and that in 3 dehs only—namely Jalar, Pano and Patar (*vide* page 95)—will there be any enhancement arising from their transfer from the 2nd to the 1st group, and even so the barani rate will remain as at present. Mr. Brendon says he is satisfied that the double enhancement he suggests might well be borne, but I am of a different opinion, and I consider that, by adhering to his new grouping and by rejecting his proposed all-round enhancement, for which a sufficiently strong case has not, to my thinking, been made out, a very equitable increase will be secured.

6. Rates for labour have undoubtedly risen. This, with the facts of the Fuleli waterway being unavailable for several months and charges on account of land carriage being very high, constitutes a real difficulty in the disposal of the main staple of this and the Tando Bago Taluka, *viz.*, rice, the value of which has tended to fall markedly of late. This decline may, as Mr. Brendon suggests, be due to greater output, and difficulty of transmission to market, and although this will no doubt be rectified when the Fuleli becomes a perennial stream, it would hardly be fair to discount in advance the effects of improvements still in progress. It will be noticed (*vide* page 96) that, beyond recommending a raising of rates partly by reason of the views expressed by the officer who framed the existing settlement that in 3 years' time (now 11 years ago) an enhancement of 4 annas all round would be justifiable, and influenced partly by the increase of cultivation during the period of settlement, no other specific reasons for enhancement have been put forward by Mr. Brendon. In consideration, therefore, of the facts referred to above, and of the general depression also in the marketable value of produce, I would, as already stated, deprecate, more especially at this juncture, any general enhancement of rates. These observations apply equally to the proposals submitted by Mr. Brendon for Tando Bago.

7. As regards the latter taluka, I have little further to add. The grouping appears to be equally judicious in both talukas, but in respect of Tando Bago I feel constrained to suggest a modification in the case of three villages, for I am not prepared to concur in the sudden raising by two groups of dehs Drig, Dambarlo, and Kari (*vide* pages 11 and 15),—the two former from the 3rd to the 1st and the latter from the 4th to the 2nd. I consider that they ought only to be raised one step. I might here mention that Mr. Brendon, in commenting on the objections brought forward by the zamindars to his proposals, has agreed to the reduction of deh Vidh from the 1st to the 2nd group, which I myself consider to be appropriate.

8. There has, it will be seen, been an expansion of cultivation in this taluka also, *vide* paragraph 14, page 7 of the report. There is evidence, however, that the water-supply is at present somewhat capricious, which constitutes a further reason in support of my recommendation that there should not be a general enhancement of rates at this time.

9. The result of my revised proposal to retain existing rates with modifications in grouping will be to reduce the percentage increase of revenue of Mr. Brendon's estimate from 10.12 to 2.35 per cent. in the case of taluka Badin and from 11.19 to 4.20 per cent. in that of Tando Bago. It should at the same time be borne in mind that this merely represents the increase to be derived on the area now in occupation, and does not take into account the increase which will inevitably follow the irrigational improvements alluded to above. It seems scarcely necessary to add that, under the system of irrigational settlements, a change for the better in the water-supply is automatically attended by increased revenue. In these circumstances, I have no hesitation in recommending that my revised proposals be sanctioned for a period of seven years.

I have the honour to be,

Sir,

Your most obedient Servant,

C. E. S. STEELE,
Acting Collector.

Revenue Survey and Assessment.

Revision settlements of the Badin and Tando Bago Talukās of the Hyderabad District in Sind.

No. 4841.

REVENUE DEPARTMENT.

Bombay Castle, 26th July 1898.

Letter from the Commissioner in Sind, No. 2787, dated 20th June 1898—Forwarding the papers, noted in the margin, containing proposals for the revision settlements of the Badin and Tando Bago Talukās of the Hyderabad District in Sind; and making remarks.

Telegram to the Commissioner in Sind, dated 15th July 1898—Sanctioning his proposals.

RESOLUTION.—These papers relate to the revision survey settlement of Talukās Tando Bago and Badin of the Hyderabad District. Owing to the pressure of work upon the Superintendent, Land Records and Agriculture in Sind, the reports have been prepared by Mr. Brendon, the Assistant Collector, in addition to his own duties and his careful enquiries have been commended by the Commissioner in Sind and are recognised by Government.

2. The talukās are situated at the tail of the Fuleli Canal and abut on the great deserts of Parkar and Kutch. Practically the whole of the cultivation is dependent on irrigation from this canal and its distributaries, and the control of the water is the principal problem of local administration. Valuable minor improvements have been effected in this control but the most far-reaching projects are now in course of execution, and their full results will not be known for several years. The first irrigational settlements which were introduced in 1886 and 1887 were avowedly experimental, but the economic progress of the talukās since those dates establishes the success of the experiment. The revenue assessed on actual cultivation has risen from Rs. 1,42,000 in Tando Bago and Rs. 1,78,000 in Badin in the first year of the settlement to Rs. 2,02,000 and Rs. 2,44,000 respectively in the year 1897-98.

3. Mr. Brendon's proposals provide for a redistribution of the grouping and increases of assessment to the amount of 4 annas per acre on "rice under flow" and 2 annas per acre on "other crops under flow" and on "lift aided by flow." The other rates he would retain unchanged. The results would be enhancements of revenue in Badin by 10.12 per cent. and in Tando Bago by 11.19 per cent. These enhancements are regarded by the Collector as excessive. Mr. Steele points out that the price of the staple crop—rice—is declining, and that the wages of labour tend to rise and injuriously affect the zamindar who pays the assessment. He therefore deprecates any alteration in the rates and suggests that such increase of revenue as is realized by the redistribution and elevation into higher classes of a certain proportion of the villages should be considered sufficient. This modification reduces the proposed enhancement to 2.35 per cent. for Badin, and 4.20 per cent. for Tando Bago, and to this settlement Mr. Steele proposes that a guarantee for seven years should be given. The Commissioner in Sind adopts Mr. Steele's views but is unwilling to curtail the period of guarantee from the customary term of ten years.

4. His Excellency the Governor in Council has studied the history of these talukās with interest. In his opinion it is clear that the existing rates of assessment are very low, and were accepted as such at the previous settlement eleven years ago. Even if enhanced to the extent proposed by Mr. Brendon they would be moderate as compared with those of adjoining talukās. In the

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absence of complete statistics of agricultural wealth, the fact that an increase of population of 15 per cent. in Tando Bago and of 12 per cent. in Badin corresponded to an increase of cultivation in a similar period of 30 and 47 per cent. respectively is a satisfactory indication of the growth of prosperity. Moreover the large investment in landed estates by Hindu capitalists, the fortunes therein amassed by skilful management and the admission (by a gentleman of the ability of Mr. Dayáram Gidumal, c.s.) quoted by the Honourable Mr. James that capital expenditure is expected to be recouped in a few years from the income of a landed estate combine to substantiate the proposition that the present rates are remarkable for their leniency, and that such indebtedness as prevails amongst the zamindárs is due to their want of thrift and not to the pressure of the Government demand. There is no reason, therefore, to fear that the adoption of the rates proposed by Mr. Brendon would have placed an intolerable burden on these talukás. It appears, however, that at the settlements of 1886 and 1887 enhancements were taken amounting, as estimated, to no less than 37 per cent. in Tando Bago and about 40 per cent. in Badin. In view therefore of all the circumstances, and especially of the heavy increases taken at the last settlement, Government are of opinion that it would be inadvisable at present to raise the rates. The small enhancements, however, which result from the proposed changes in grouping are unobjectionable, and the grouping itself is a manifest improvement over that of the previous settlement, and is accepted by both the Collector and the Commissioner. It is, accordingly, approved by the Governor in Council.

5. The petitions of objection that have been laid before Government have elicited a very full reply from the Commissioner in Sind. Detailed comment by Government is unnecessary. With reference, however, to paragraph 10 (5) of the Commissioner's review the Governor in Council cannot admit that in the Deccan any more than in Sind works undertaken by a land-holder to lead water from Government canals on to his lands constitute such an improvement as to entitle the land-holder to exemption from taxation in respect of the water so obtained or the land so cultivated. Government, also, are satisfied that such regulations of the revenue system as might cause hardship if strictly enforced are relaxed with consideration and liberality by the district officers.

6. His Excellency the Governor in Council is, accordingly, pleased to sanction the continuance of the present rates of assessment and the modifications of grouping recommended by the Commissioner in Sind, and to direct that these orders be brought into force on the 1st August 1898 and be guaranteed for the usual period of ten years.

7. Sanction has already been communicated by telegram.

J. W. P. MUIR-MACKENZIE,
Acting Chief Secretary to Government.

To

The Commissioner in Sind (with the petitions of objection),
The Collector of Hyderabad,
The Accountant General,
The Public Works Department of the Secretariat. } With copies of the
The Secretary of State for India (by letter).

No. of 1898.

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