

*Assessment Circle of Charkhari.—(Continued.)*

Serial Number.	Name of Chakla or Assessment Circle.	Former and present statement compared.	50	51	52	53	54	55	56	57	58	59	60		
			(SECTION IV.) PROPOSED JAMA WORKED OUT FROM RATES AND ESTIMATES.												
			RATES ADOPTED IN ASSESSMENT.						ESTIMATES ADOPTED.					Present jama of Sambat 1923 with rate on cultivated area.	New jama finally fixed with rates on cultivated area.
			On Ploughs.	Irrigated.	Unirrigated.		Abandoned.	Of Extra Assistant Settlement, Commissioner.	On plough.	On produce @ one sixth of gross produce.	As per new Revenue Rates.				
Sailabi,	Barani.														
2	CHARKHARRI MEHAL.	Former	...	I. 2 8	...	0 12 0	0 8 0								
		Present	...	II. 1 8	...	0 12 0	0 8 0								
			...	III. 1 4	...	0 8 0	0 8 0		1,12,973						
			...	18 0	...	0 13 0	0 4 0	1,14,398	1,12,680	1,41,505	1,13,823	1,12,255 1-2-0	1,11,440 1-1-10		
		Difference	...												

REMARKS BY ASSISTANT SETTLEMENT OFFICER.

ASSESSMENT.—During summary settlement mortgages and sales were of every day occurrence, and there was great distress in this Chak; even after regular settlement balances accrued, and for 6 years subsequently in 79 estates yearly reductions had to be given, and in many others reduction was granted more than once. In S. 1915 large reductions were given throughout the Chak, since which estates have recovered and matters are now on a satisfactory footing and no estate is in balance. In S. 1919 temporary remissions were granted in several estates on account of severe hail storms. In fact this Chak has as yet scarcely enjoyed a 7 years settlement, and though much has been done in this time, more time is still required to enable estates to recover from the pressure of the summary jama and the deplorable losses, amounting to absolute ruin in many places, caused by the drought and murrain in 1853, following close on which came the regular settlement, when the real state of affairs was hardly sufficiently appreciated, and though liberal reduction was given further remissions had to be made in succeeding years, and it is only since 1860 that anything like prosperity has obtained in this Chak. Mr. Morris had 3 classes of estates in this Chak. In the first and second classes the rate varied only in the irrigated land, and in the third class there was a reduction on the Barani also. The number of third class estates is small, and if a moderate water rate on wells is fixed it will not be necessary to have two Barani rates. I have already stated my opinion that large increase cannot now be looked for. I should prefer to take something additional after the first 10 years of the new settlement have gone by. I consider 13 anas in Barani, which is the mean of Mr. Morris' rates, to be very suitable, and I prefer to fix a low rate on the abandoned—say 4 anas. These rates, with 18 Rs. per well, will give Rs. 1,13,823 for the new jama or thereabouts; this has been tested with the jama given by the estimated amount of gross produce calculated for a great number of years, which gives Rs. 1,41,505, also on the estimate of ploughs which gives Rs. 1,12,680, and again on the average collection of many years past; all these calculations, supported by those practical and general considerations which can never be lost sight of in seeking for a fair measure of assessment, point to the jama proposed as being about the amount this Chak will bear in view of its future prosperity and the extension of cultivation it is desired to promote.

*General Abstract of Area, Resources, Jama and Rates in the Assessment Circle of Bangar, Pargannah Gujranwala, District of Gujranwala.*

1	2	3	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
Serial Number.	Name of Chakla or assessment circle.	Former and present statement compared.	NUMBER OF MEHALS.			(SECTION I.) AREA AS ARRANGED FOR ASSESSMENT IN ACRES.												(SECTION II.) RESOURCES AND							
			Khalsa and (shared.)	Jagir.	T O T A L.	MINHAI (OR NOT ASSESSED.)			MALGUZARI (OR ASSESSED.)						Total of cultivated and abandoned.	PERCENTAGE OF AREA.				Percentage of produce (arranged in classes ; see produce table for detail.)					
						Total area.	Waste.	Muafi or revenue free.	Total of not assessed.	Culturable.	Abandoned.	Irrigated.	Cultivated.			Matured.	Irrigated.	Zabti.	Paikásht.	I.	II.	III.	IV.		
													Sailabi.	Unirrigated.											
BANGAR.	Former ...	Present ...	90	27	117	1,10,428	22,530	3,534	26,064	25,364	7,590	41,935	33	9,442	51,410	59,000	14	83	8	17	11	54	11	24	
	Difference,					+ 1,699	-4,800	-903	-5,703	-2,091	-3,554	+ 9,647	+ 66	+ 3,334	+ 13,047	+ 9,493	+ 2	-1	+ 2	+ 24	+ 3	+ 8	-4	-7	



# Assessment Circle of Bangar.—(Continued.)

Serial Number.	Name of Chakia or Assessment Circle.	Former and present state- ment com- pared.	CAPABILITIES CONSIDERED IN DIFFERENT ASPECTS.																			(SECTION III.) SUMMARY AND LAST SETTLE- MENT JAMA COMPARED.					
			PLOUGHS AND CATTLE.			POPULATION.		WELLS.			WATER CAPA- CITY.				Capac- ity for expan- sion.	Summary Settlement Jama of 1907.	Revenue Rate Jama of last Settlement.	Jama of last Settlement as in old No. II. Village Statement.	Jama of last Settlement subsequently re- duced in S. 1915.	Per-centage of reduction on Summary Settle- ment	Of Summary Settlement Jama.	Of last Settlement Jama.					
			Number of	No. of entire head of cattle.	Plough.	Aver- age per	Cultivator.	Number of	Per square mile of cultivation.	Old.	New.	Out of use.	Average rain-fall (in inches.)	Average depth of wells (in feet.)									Cost of wells.	No. of oxen required.	Area one well can irrigate.	Percentage of area uncultivated.	Head of cattle per area uncultivat- ed.
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49					
BANGAR.	Former ...	3,841	23,869	15½	1	42,550	463	911	...	158	...	...	...	...	½	67,401	69,537	59,651	59,167	12	1-2-3	1-0-2					
	Present ...	6,074	33,839	11	...	50,420	485	974	70	337	...	30	250	6	35	37	1										
	Difference,	+ 2,233	+ 9,970	- 4½	...	+ 7,870	+ 22	+ 63	+ 70	+ 179	...	...	...	...	6												

*Assessment Circle of Bangar.—(Continued.)*

Serial Number.	Name of Chakla or Assessment Circle.	Former and present statement compared.	50	51	52	53	54	55	56	57	58	59	60	
			(SECTION IV.) PROPOSED JAMA WORKED OUT FROM RATES AND ESTIMATES.											
			RATES ADOPTED IN ASSESSMENT.					ESTIMATES ADOPTED.					Present Jama of Sambat 1923 with rate on cultivated area.	New Jama finally fixed, with rates on cultivated area.
			On Ploughs.	On Cultivated area,		Abandoned.	Of Extra Assistant Settlement Commissioner.	On plough.	On produce @ one-sixth of gross produce.	As per new Revenue Rates.				
	Irrigated.	Unirrigated.												
				Salábi.	Baráni.									
3	BANGAR.	Former	...	1 8 0	...	0 8 0	0 4 0			70,567				
		Present	...	10 0 0	16 0 0	...	0 13 0	0 4 0	59,480	60,740	88,554	70,085	58,732	63,338
													0-13-7	0-14-9
		Difference	...											

REMARKS BY ASSISTANT SETTLEMENT OFFICER.

ASSESSMENT.—The present jama of this Chak is 58,732 rupees, there are many estates where rates require equalization, and though as before stated the general features do not materially differ from adjoining estates in the Charkharri Mehal, and except as regards the difference in the depth of wells, there is no reason for assessing at rates much below those now adopted in the Charkharri, this assimilation of rates will not when the new rates are applied give any very great increase on the present jama, which already falls at 15 annas per acre on the assessed area, and here and there reductions must be given, and till cultivation has reached what it once was at time of Professional Survey increase cannot be taken. There are 27 assigned villages in this Chak, mostly forming part of the jagir of Sirdar Jhanda Singh, who is an excellent landlord, and takes only the Government demand. The rates I propose are Rs. 16 per well, 0-13-0 in Baráni and 4 annas Jadid.



*General Abstract of Area, Resources, Jama and Rates in the Assessment Circle of "Myrah," Pargannah Gujranwála,  
District of Gujranwála.*

1	2	3	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
Serial Number.	Name of Chakla or Assessment Circle.	Former and present statement compared.	NUMBER OF MEHALS.			(SECTION I.) AREA AS ARRANGED FOR ASSESSMENT IN ACRES.												(SECTION II.) RESOURCES							
			Khalsa and (shared.)	Jagir.	TOTAL.	MINHAL, (OR NOT ASSESSED.)			MALGUZARI, (OR ASSESSED.)						Total of cultivated and abandoned.	PER-CENTAGE OF AREA.				Per-centage of produce (arranged in classes; see produce table for detail.)					
						Total area.	Waste,	Muafi, or revenue free.	Total of not assessed.	Culturable.	Abandoned.	Irrigated.	Cultivated.			TOTAL.	Manured.	Irrigated.	Zabti.	Palkasht.	I.	II.	III.	IV.	
													Sailabi.	Unirrigated.											Barani.
MYRAH.	Former ...				54,046	15,804	1,134	16,938	14,595	3,521	14,679	...	4,313	18,992	22,513	14	77	7	22	6	58	9	27		
	Present ...		8	44	52	54,872	15,046	870	15,916	14,112	1,542	16,431	288	6,583	23,302	24,844	13	75	10	40	12	59	11	18	
	Difference,					+ 826	- 758	- 264	- 1,022	- 483	- 1,979	+ 1,752	+ 288	+ 2,270	+ 4,310	+ 2,331	- 1	- 2	+ 3	18	+ 6	+ 1	+ 2	- 9	

*Assessment Circle of "Myrahn".—(Continued.)*

4		Serial Number.	
MYRAH.		Name of Chakla or Assessment Circle.	
Former ...	Present ...	Difference,	Former and present state- ment com- pared.
Number of		PLUGHS AND CATTLE.	
No. of entire head of cattle.		POPULATION.	
Plough.		WELLS.	
Cultivator.		WATER CAPA- CITY.	
Number of		Capa- city for expan- sion.	
Per square mile of cultivation.		In use.	
Old.		Water from wells.	
New.		Average rain-fall (in inches.)	
Out of use.		Average depth of wells (in feet.)	
Average rain-fall (in inches.)		Cost of wells.	
Average depth of wells (in feet.)		No. of oxen required.	
Cost of wells.		Area one well can irrigate.	
No. of oxen required.		Per-centage of area uncultivated.	
Area one well can irrigate.		Head of cattle per area uncultivated.	
Per-centage of area uncultivated.		Summary Settlement Jama of 1907.	
Head of cattle per area uncultivated.		Revenue Rate jama of last Settlement.	
Summary Settlement Jama of 1907.		Jama of last Settlement as in old No. II. Village Statement.	
Revenue Rate jama of last Settlement.		Jama of last Settlement subsequently re- duced in S. 1915.	
Jama of last Settlement as in old No. II. Village Statement.		Per-centage of reduction on Summary Settle- ment.	
Jama of last Settlement subsequently re- duced in S. 1915.		Of last Settlement Jama.	
Per-centage of reduction on Summary Settle- ment.		Of Summary Settlement Jama.	
Of last Settlement Jama.		RATES ON CUL- TIVATION.	
Of Summary Settlement Jama.			



*Assessment Circle of Myrah.—Continued.*

			50	51	52	53	54	55	56	57	58	59	60
			(SECTION IV) PROPOSED JAMA WORKED OUT FROM RATES AND ESTIMATES.										
Serial Number.	Name of Chakla or Assessment Circle.	Former and present settle- ment compared.	RATES ADOPTED IN ASSESSMENT.					ESTIMATE ADOPTED.				Present jama of Sambat 1923, with rate on cultivated area.	New jama finally fixed, with rates on cultivated area.
			On ploughs.	On cultivated area.			Abandoned.	Of Extra Assistant Settlement Commissioner.	On plough.	On produce @ one-sixth of gross produce.	As per new Revenue Rates.		
				Irrigated.	Unirrigated								
					Sailábi.	Baráni.							
4	MYRAH.	Former, ... Present, ...  Difference, ...	 8-0-0	1-5-4 15-0-0	... ...	0-8-0 0-9-0	0-4-0 0-4-0	19,302	16,688	23,089 27,686	18,758	19,064 0-12-0	19,313 0-12-5

**REMARKS BY ASSISTANT SETTLEMENT OFFICER.**

ASSESSMENT.—Of the 52 estates contained in the Chak only 8 are Khalsa, the remainder belong principally to the jagir of Raja Harbans Singh. Summary jama was very heavy, and 20 per cent reduction had to be given at last settlement. Proprietors have now recovered and some increase may be taken, though the equalization of rates in different villages will tend to keep this down. The rates proposed are 15 Rs. on wells, 9 anas on Baráni. and 4 anas Jadíd, with 8 Rs. on ploughs; this will give Rs. 18,758, as against 19,064 Rs. the present jama, but in assessing we may keep well up to or a little above rates and take about 7 per cent increase.

*General Abstract of Area, Resources, Jama and Rates in the Assessment Circle of Adjoining Bar, Parganah Gujranawála,  
District of Gujranawála.*

1	2	3	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
Serial Number.	Name of Chakla or Assessment Circle.	Former and present statement compared.	NUMBER OF MEHALS.			(SECTION I.) AREA AS ARRANGED FOR ASSESSMENT IN ACRES.										(SECTION II.) RESOURCES &									
			Khalisa and (shared.)	Jagír.	TOTAL.	MINHAI (OR NOT ASSESSED).			MALGUZARI (OR ASSESSED.)						Total of cultivated and abandoned.	PER-CENTAGE OF AREA.				Per-centage of produce (arranged in classes; see produce table for detail.)					
						Total area.	Waste.	Muáfi, or revenue free.	Total of not assessed.	Culturable.	Abandoned.	Irrigated.	Cultivated.			TOTAL.	Manured.	Irrigated.	Zabti.	Paikásht.	I.	II.	III.	IV.	
													Sailábi.	Baráni.											
ADJOINING BAR.	Former ...				98,989	31,523	3,062	34,585	33,183	5,703	16,659	2	8,857	25,518	31,221	11	65	5	7	9	44	16	31		
	Present ...	11	64	75	1,00,613	15,928	2,994	18,922	43,915	2,914	30,920	2	3,944	34,864	37,776	10	59	9	3	14	60	10	16		
	Difference				+1,624	-15,595	-68	-15,663	+10,732	-2,791	+14,261	2	-4,913	+9,346	+6,555	-1	-6	+4	-4	+5	+16	-6	-17		



Assessment Circle of Adjoining Bar.—(Continued.)

ADJOINING BAR.		Serial Number.		Name of Chakla or Assessment Circle.	
Difference,	Former...	Former and present statement compared.			
	Present...				
+ 1,613	1,553	Number of	Acre- age per	PLoughs AND CATTLE.	27
+ 7,453	3,166	Number of entire head of cattle.			
8	12,255	Plough.	29	POPULATION.	30
...	19,708	Cultivator.	31		
+ 4,204	20	Number of	32	WELLS.	33
+ 9	19,929	Per square mile of cultivation.	34		
+ 15	407	Old.	35	WATER CAPA- CITY.	36
50	337	New.	37		
+ 221	...	Out of use.	38	Capa- city for expan- sion.	39
...	102	Average rain-fall (in inches).	40		
...	...	Average depth of wells (in feet).	41	RATES ON CUL- TIVATION.	42
...	55	Cost of wells.	43		
...	400	No. of oxen required,	44	(SECTION III.) SUMMARY AND LAST SETTLE- MENT JAMA COMPARED.	45
- 7	955	Area one well can irrigate.	46		
...	65	Percentage of area uncultivated.	47	Of Summary Settlement Jama.	48
...	...	Head of cattle per area of un- cultivated.	49		
	27,185	Summary Settlement Jama of S. 1907.		Of last Settlement Jama.	49
	24,596	Revenue Rate Jama of last Settlement.			
	20,636	Jama of last Settlement as in old No. II. Village Statement.			
	20,504	Jama of last Settlement subsequently re- duced in S. 1915.			
	25	Percentage of reduction on Summary Settle- ment.			
	0-13-11				
	0-10-8				

CAPABILITIES CONSIDERED IN DIFFERENT ASPECTS.

(SECTION III.) SUMMARY AND LAST SETTLE-  
MENT JAMA COMPARED.

*Assessment Circle of Adjoining Bar.—(Continued.)*

Serial Number.	Name of Chakla or Assessment Circle.	Former and present statement compared.	50	51	52	53	54	55	56	57	58	59	60	
			(SECTION IV.) PROPOSED JAMA WORKED OUT FROM RATES AND ESTIMATES.											
			RATES ADOPTED IN ASSESSMENT.					ESTIMATES ADOPTED.				Present jama of Sambat 1923, with rate on cultivated area.	New jama finally fixed, with rates on cultivated area.	
			On Ploughs.	Irrigated.	Unirrigated.		Abandoned.	Of Extra Assistant Settlement, Commissioner.	On plough.	On produce @ one sixth of gross produce.	As per new Revenue Rates.			
				Sailabi,	Barani.									
57	ADJOINING BAR.	Former	...	1 2 0	...	0 8 0	0 4 0			29,079				
		Present	...	8 0 0	10 0 0	...	0 8 0	0 4 0	22,151	25,328	42,700	22,180	20,627	23,522
		Difference	...										0-8-10	0-10-0

REMARKS BY ASSISTANT SETTLEMENT OFFICER.

ASSESSMENT.—The present jama of this chak is Rs. 20,627, but of the 75 villages it contains, only 11 are Khalsa, the remaining 64 are Jaghir, chiefly held by Raja Harbans Singh. I propose to adhere to Mr. Morris' rates, because though reduction was given subsequently the distress was merely temporary and proprietors are now in good circumstances. Produce estimate comes out high, because when charged at  $\frac{1}{4}$ th it is excessive in a tract where much land is left fallow every year, about  $\frac{1}{4}$ th, which gives 32,000, will be a fairer estimate. In villages where cultivation has not much extended but the people prefer keeping their Banjar lands for the grazing of large herds of cattle and the Tirni fixed at last settlement was quite nominal, I propose to form blocks of Banjar for separate assesment at from 1 to 2 annas per acre, to be offered in the first instance to proprietors themselves, and failing their acceptance to be given on farm subject to malikana to be paid to proprietors. The rates proposed are : water-rate on wells 10 rupees; barani, 8 annas; abandoned, 4 annas; and on ploughs, 8 rupees.



ASSESSMENT PORTFOLIO,

TAHSIL WAZIRABAD.

FORM No. IV.

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ABSTRACT OF "VILLAGE NOTE-BOOK"

CONTAINING

REPORT ON THE ASSESSMENT

OF

CHAKLA KHADIR.

PARGANAH WAZIRABAD.

DISTRICT GUJRANWALA.

---

1866-67.

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(REVISED SETTLEMENT.)



No. IV.—Abstract of "Village Note-Book," containing Assessment Report of Chakla Khadir, Parganah Wazirabad, District of Gujranwala.

FORMER AND PRESENT STATUS COMPARED.	NUMBER OF MEHALS, (or Estates.)			(SECTION I.) AREA AS ARRANGED FOR ASSESSMENT (in acres.)												(SECTION II.) RESOURCES			
	Khalsa or Govt., and "shared."	Jagir, or assigned.	TOTAL.	TOTAL AREA.	MINHAL. (OR NOT ASSESSED.)			MALGUZARI (OR ASSESSED.)								PER-CENTAGES OF AREA AND PRODUCE.			
					Waste.	Muafi or Revenue free.	Total not assessed.	Culturable.	Abandoned.	Irrigated.	Cultivated.			Total cultiva- ted.	Total of cultivated and abandoned (i. e. assessed.)	Per-centage of area cultivated of	Former Settlement.	New Settlement.	
											Sailabi.	Barani.	Total.						
1	2	3	4	5															
Professional Survey,	...	...	...	68,772	28,699	...	28,699	11,538	1,601	...	...	...	...	26,934	28,535	(1) Area. Area manured	...	10	13
Settlement Survey A. D. 1854, ...	57	6	63	74,648	33,781	5,625	39,406	10,976	2,047	8,861	12,317	1,041	13,358	22,219	24,266	„ irrigated	...	37	39
Area given in Yearly Paper for A. D. 1865-66.	...	...	...	78,777	25,847	4,137	39,984	9,490	2,396	11,326	14,378	1,203	15,581	26,907	29,303	„ under " zabti" } or best crops	...	8	18
New Measurement,	56	6	62	74,276	29,750	3,658	33,408	11,798	1,930	12,228	13,291	1,621	14,912	27,140	29,070	„ under " paikasht," or non-resident tenant lands	...	18	34
																(2) Produce. Arranged in classes, See " Produce Table"			
																„ of I. class value,		8	18
																„ II. ditto	...	68	65
																„ III. ditto	...	17	11
																„ IV. ditto	...	7	6

*Assessment Report of Chakla Khadir.—(Continued).*

AND CAPABILITIES CONSIDERED IN DIFFERENT ASPECTS.					(SECTIONS III & IV.) SUMMARY AND LAST SETTLEMENT COMPARED WITH NEW JAMA WORKED OUT FROM RATES AND ESTIMATES.					(SECTION V.) FINANCIAL RESULTS CONSIDERED.	
PLOUGHS, CATTLE, POPULATION AND WELLS.			PRESENT AND FUTURE CAPABILITIES.		Detail of estimates adopted here compared.	Rates worked out on ploughs, wells and area arranged according to soils.	Jama amount deducted therefrom.	Rate of same on assessed area.	Per-centage of reduction.		
Number of	Former Settlement.	New Settlement.	Examined in different ways.	Former Settlement.							
			(1) <i>Water capacity.</i>			(As Adopted at last Settlement (A. D. 1854.)	Rs.	R.A.P.	P.C.	Rs.	
Ploughs { Taxable, Revenue free,...	2,210 355	3,017 320	Average rain-fall in inches,)	25	Tahsildar's Estimate, ... }					Present Jama,.....	30,632
Head of cattle, ...	12,679	15,209	Average depth of Wells in feet }	16	15	Well Estimate... @ Rs. per well ...	...	...	...	FOR FEES :—	
Population, ...	26,994	19,819	Cost of Wells Rs. ....	150	Plough Estimate, @ Rs. per Plough,		...	...	...	„ for headmen, ...	814
Population per square mile of cultivation, ... }	712	433	Yoke of oxen required per well, ... }	...	4	Produce Estimate, Unirrigated 20,835 } Water tax 7,854 }	28,689	1-2-11	...	„ „ Chaudris,	384
						Soil Rate Jama,	...	...	...	TOTAL, ...	33,714



Wells in use.			Area well can irrigate in acres, ...	15	Revenue Rate Jama, ...	As per rates below,...	38,261	1-9-3	Deduct actual Decrease, ... 2,298
„ (old) { Taxable, 407 408	Rev. free, 155 122	(2) Capacity for expansion.			Summary Set- tlement Jama 1852 ...		32,355	1-2-1	Fees for Headmen @ 1 p.c.=302 36 acres cultivated, 36 554 acres "Ban- jar" =476 1 p.c. Chaudris, 384
„ (new) { Taxable, ... 54	Rev. free, ... 7	Percentage of area unculti- vated, ...			Regular Set. Jama 1854, }		31,086	1-4-6	814
		„ Waste, ... 45 40			Reduced Set. Jama 1859, }		30,061	1-3-10	7
Wells out of use. { Taxable, 124 76	Rev. free. ... ...	„ Culturable, 15 16			Plough Estimate, (As now adopted.) @ 12 Rs. per plough,		36,204	1-3-11	New Jama, 30,218
		TOTAL ... 60 56			Produce Esti- mate ...	{ Unirrigated, 27,436 } { Water tax, 7,854 }	35,290	1-3-5	
		Head of cat- tle per unculti- vated area, }			Tahsildar's Esti- mate, ...		...	...	
					E. A. Commr.'s Estimate, ... }		30,304	1-0-8	

# REVENUE RATE FIXED.

	No. of villages.	Cháhí.	Sailabi or 1st class barren.	Barání.	Lately abandoned.	New Rates ...	For Rate see Pargana Map	{ Unirrigat- ed, 24,713 } { Water tax, 7,854 }	32,567	1-1-11		Rs.
Former Settlement,		2-0-0	1-8-0	1-0-0	0-8-0	Present Jama of A. D. 1866 }			30,632	1-0-10		1. Initial,..... 30,218
						Proposed new Jama, ... }			30,218	1-0-7		2. Progres- sive Increase } after 5 years 50 after 10 years 1,822
Fixed now,	62	17 per well.	0-14-0	0-8-0								32,090
							Decrease,	414	or	1½		3. Permanent,.....

## REMARKS BY ASSISTANT SETTLEMENT OFFICER.

**CONDITION.**—This Chak is 30 miles long, and for the whole distance fronts the river Chenab; the average breadth is about  $4\frac{1}{2}$  miles, and it represents nearly one-fourth of the entire area of Tahsil Wazirabad. The land in the Chak is mostly sailabi of an inferior quality. Eastward from the town of Wazirabad towards Sialkot for a length of about 8 miles most of the beneficial influence of the river is lost by the presence of a high bank which runs along the river front and prevents the fertilizing overflow. Again, the main stream of the river is on the Gujrat side, and the alluvial deposits mostly go there, the bank on this side being composed chiefly of sand or very light soil; however, on such land in villages on the Sialkot border, viz. Sohdera, Talwara, Rana and Behram, much good wheat is grown. The Bela land in the neighbourhood of Wazirabad is very extensive, affording abundant pasturage for large herds of cattle; villages on the east of Grand Trunk Road in this Chak are much affected by the embankment of the road, which stops up the water and submerges much of the land in these estates, and many proprietors sustain heavy loss year after year. Estates round Saroke have much first class dosahi land, and the best crops are all grown in profusion. Going further east towards Ramnagar we find in estates like Salhoke, (*Burj Ratta*), Thattah Beloch &c., extensive Bela land, and much sand here also, where the banks of the river are lower villages are much subject to alluvion and diluvion and cultivation is precarious. In Sohdarah, Talwara, Ram Nagar and Kot Harra there is some Chamb land formed from water falling from the high land towards the river, and much rice is grown. Proprietors are industrious. they are principally Tarars, Chattahs, Bairopias and others of the Jat caste.

**CAPABILITIES.**—There are 62 estates in the Chak, 56 Khalsa and 6 Jagir; only one of these (Faquiranwali) has been added at this Settlement from Charkharri Mehál. The Chak is on the whole fertile; there is a large increase of late years in the growth of best crops, principally noticeable in sugar-cane and cotton, the wheat crops also are most superior. Irrigation is as a rule independent of the river, and wells which are cheap and easy of construction are very numerous, many new wells have been built since last Settlement, and the total number of wells gives 1 to every 20 acres of the irrigated area, which as water is plentiful and very accessible the average depth of wells being 15 feet, shews no want of water power in this Chak. There is a satisfactory increase under the head of ploughs, and that under resources and produce generally is also good. The cattle employed as yokes in this Chak are generally good, especially on the Hafizabad border.

R. P. NISBET,

*Assistant Settlement Commissioner.*



FORM No. IV.

—0—

ABSTRACT OF "VILLAGE NOTE-BOOK"

CONTAINING

REPORT ON THE ASSESSMENT

OF

CHAKLA CHARKHARRI MEHAL,  
PARGANAH WAZIRABAD,  
DISTRICT GUJRANWALA.

---

1866-67.

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(REVISED SETTLEMENT.)

No. IV.—Abstract of "Village Note-Book," containing Assessment Report of Chakla Charkharri Mehal, Parganah Wazirabad, District of Gujranwala.

FORMER AND PRESENT STATUS COMPARED.	NUMBER OF MEHALS, (or Estates)			(SECTION I.) AREA AS ARRANGED FOR ASSESSMENT (in acres.)											(SECTION II.) RESOURCES,			
	Khalsa or Govt., and "shared."	Jagir, or assigned.	TOTAL.	TOTAL AREA.	MINHAL, (or not assessed.)			MALGUZARI (OR ASSESSED.)							PER-CENTAGES OF AREA AND PRODUCE.			
					Waste.	Muafi, or Revenue free.	Total not assess- ed.	Culturable.	Abandoned.	Irrigated.	Cultivated.			Total culti- vated.	Total of cultiva- ted and abandon- ed (i. e., assessed)	Per-centages of area cul- tivated of	Settle- ment.	New Settlement.
											Sailabi.	Barani.	Total.					
1	2	3	4	5														
Professional Survey,				1,01,282	20,166	...	20,166	20,488	1,004	...	...	...	...	59,629	60,633	(1) Area.	P.C.	P.C.
Settlement Survey A. D. 1854, ...	111	3	114	1,01,762	30,289	7,746	38,035	12,262	1,526	48,163	193	1,583	1,776	49,939	51,465	Area manured	22	25
Area given in Yearly Paper for A. D. 1865-66, ...				1,04,404	30,062	5,773	35,835	10,192	917	54,492	175	2,793	2,968	57,460	58,377	„ irrigated,	94	93
																„ under "zabti" or best crops, ... }	10	12
New Measurement,	111	3	114	1,05,374	24,965	5,578	30,543	14,929	1,127	56,054	184	2,537	2,721	58,775	29,902	„ under "paikasht," or non-resident tenant lands,	23	38
																(2) Produce.		
																Arranged in classes. See "Produce Table."		
																„ of I. class value,	12	17
																„ II. ditto,	67	69
																„ III. ditto.	12	9
																„ IV. ditto,	9	5



*Report of Chakla Charkarri Mehal.—(Continued)*

**AND CAPABILITIES CONSIDERED IN DIFFERENT ASPECTS.**

**(SECTIONS III & IV) SUMMARY AND LAST SETTLEMENT COMPARED WITH NEW JAMA WORKED OUT FROM RATES AND ESTIMATES.**

**(SECTION V.)**

PLOUGHS, CATTLE, POPULATION AND WELLS.			PRESENT AND FUTURE CAPABILITIES.			Detail of estimates adopted here compared.	Rates worked out on ploughs, wells and area arranged according to soils.	Jama amount deducted therefrom.	Rate of same on assessed area.	Percentage of reduction.	FINANCIAL RESULTS CONSIDERED.
Number of	Former Settlement.	New Settlement.	Examined in different ways.	Former Settlement.	New Settlement.						
Ploughs, {	Taxable	5,175	7,088	...	25	(As Adopted at last Settlement A. D. 1854.)	Tahsildar's Estimate, ...	Rs.	R.A.P	P.C.	Bs. Present Jama..... 91,609 Add actual increase..... 2,062
	Revenue free	448	547								
Head of cattle, ...	28,016	39,501	Average rain-fall (in inches.)	26	27	Well Estimate, {	@ Rs. per well, ...				FOR FEES :— „ for Headmen, ..... 1,968 „ „ Chaudris,..... 1,315 TOTAL 96,954
			Average depth of Wells in feet, {								
Population, ...	52,000	64,070	Cost of Wells Rs., ...	...	200	Plough Estimate, {	@ Rs. per Plough,				
Population per square mile of cultivation, {	647	702	Yoke of oxen required per well, {	...	5	Produce Estimate	Unirrigated 57,073 { Water tax 31,340 }	88,413	1-11-6		
						Soil Rate Jama,					

Wells in use.			Area well can irrigate in acres, }	32	Revenue Rate } Jama, ... }	As per rates below,	74,340	1-7-1	Deduct actual decrease, 7,076 Fees for Headmen @ 1 p. c. = 867 178 acres cultivation 267 953 acres "Banjar" = 834 1 p. c. Chaudris 1,315 New Jama..... 86,595	
,, (old)	Taxable,	1,390	1,410	(2) Capacity for expansion.		Summary Settlement Jama 1850	1,02,259	1-11-0		
	Rev. free,	240	184	Percentage of area uncultivated, ... }		Regular Set. } Jama 1854 }	86,386	1-10-10		
,, (new)	Taxable,	...	157	,, Waste, ...	29 23	Reduced • Set. } Jama 1859 }	83,864	1-10-1		
	Rev. free	...	14	,, Culturable,	12 14					
Wells out of use.	Taxable,	81	63	TOTAL, ...	41 37	Plough Estimate.	@ 14 Rs. per plough	99,232	1-10-6	Fitness for Permt. Settlement. Estates. Jama. Fully cultivated,... 45. 26,937 Fairly ditto..... 19. 12,696 Not fully ditto, ... 50. 46,962 TOTAL 114. 86,595
	Rev. free,	7	5			Produce Estimate	{ Unirrigated, 71,971 Water tax, 31,340 }	1,03,311	1-11-7	
			Head of cattle per uncultivated area, ... }			Tahsildar's Estimate				

REVENUE RATE FIXED.

	No. of villages.	Cháhi.	Sailábi or 1st class barren.	Bárání.	Lately abandoned.					
Former Settlement.						New Rates, ...	{ Unirrigated, 51,992 Water tax, 31,340 }	83,332	1-6-3	1. Initial,..... 86,595 2. Progressive Increase { after 3 years 100 after 5 „ 250 after 10 years 2,245 after 15 years 595 89,785 3. Permanent..... 34,486
		1-8-0		0-12-0	0-8-0	Present Jama of A. D. 1866 }		91,609	1-8-5	
						Proposed new Jama, ... }		86,595	1-7-2	
Fixed now,		Rs. 114/20 per well		0-14-0	0-8-0	Decrease, ...		5,014	or 5 p. c.	



## REMARKS BY ASSISTANT SETTLEMENT OFFICER.

**CONDITION.**—This tract forms a continuation of the one of the same name in Tahsíl Gujranwála and also of that in Perganah Duska in Zillah Sialkot ; it is 18 miles long and 10 broad, comprising 2-fifths of the whole Tahsil. All the estates it now includes belonged to it at last Settlement except two, Chabba Chima and Kuhewála, which have been added from the Kallar tract as the estates seemed to partake more of the natural features of this tract. The best estates are on the Sialkot border; wells, ploughs, and cattle all very numerous; soil most excellent, and all the best crops grown in profusion. As we go towards the west and approach the Kallar and Myrah tracts bordering on the Bar country the quality of estates falls off, and many have much Myrah soil; still all the 1st class crops are grown and many have good "Chamb" land growing excellent rice. Among the staples of this Chak only must be mentioned "Mehndi" which though not extensively grown is found in several villages; from it is produced a brilliant scarlet dye, particularly in request from these parts as superior to that grown elsewhere. Where found it yields a large profit to the cultivators, and being an everlasting shrub requiring little care or attention, it would doubtless be much more grown, but for a superstition attaching to it, that whoever plants it will never have offspring. All the Chak except 14 per cent is under crops of 1st or 2nd class values, and 86 per cent is under sugar-cane, cotton or wheat; the two former have doubled since last Settlement, a sufficient indication of the fertility of this tract. The statistics shew an increase of 1,900 ploughs, and the cultivated area has extended some 9,000 acres, of which 2,000 are due to muafi lapses and to the land given up from the Wazirabad cantonments, which has been brought under cultivation. Still with this large increase this Chak has only worked up to the cultivated area existing at the time of the Professional Survey, which was prior to the calamitous drought of 1853-55. Proprietors are industrious and the people generally are in good circumstances; the wells are all in good order; the Aik nalla fertilizes Jandiála and Benke Chima. On the whole this tract is well provided with means and resources; there are marked signs of prosperity, and improvement is everywhere apparent. The prevailing castes are chiefly Chimahs and Chattahs and miscellaneous Jats.

**CAPABILITIES.**—This tract is very fully cultivated. Of the 114 estates 45 are fully cultivated, having no land left even for pasture, and the cattle are fed on turnips grown in with the wheat; only 14 per cent of the uncultivated area is culturable, and this will doubtless soon be broken up in the best estates; wells are very numerous, in some to the extent of 1 to every 20 acres, admitting of all crops being irrigated, and not merely zabti; water is sweet and plentiful all the year round, and the cost of a well does not average above Rs. 200; a considerable increase in the number of wells may hereafter be expected, but the water rate being assessed separately, as new wells are made, an addition for the water will be made to the jama; this consideration should not therefore obviate the granting of permanent settlement in estates where the culturable does not average 5 per cent of the total area; the number of estates in this tract proposed for permanent settlement is 45. There is a large proportion of land, 38 per cent, under tenant occupancy. I do not consider this exhibits an element of great weakness here as the proprietors themselves almost all cultivate and the population is not really scanty.

R. P. NISBET,

*Assistant Settlement Commissioner.*

FORM NO. IV.

—0—

ABSTRACT OF "VILLAGE NOTE-BOOK"

CONTAINING

REPORT ON THE ASSESSMENT

OF

CHAKLA BANGAR,  
PARGANNA WAZIRABAD,  
DISTRICT GUJRANWALA.

---

1866-67.

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(REVISED SETTLEMENT.)



No. IV.—Abstract of "Village Note-Book," containing Assessment Report of Chakla Bangar, Parganah Gujranwála, District of Gujranwála.

FORMER AND PRESENT STATUS COMPARED.	NUMBER OF MEHALS, (or Estates.)			(SECTION I.) AREA AS ARRANGED FOR ASSESSMENT (in acres)												(SECTION II.) RESOURCES			
	Khalsa or Govt., and "shared."	Jagir, or assigned.	TOTAL.	TOTAL AREA.	MINHAI (or not assessed.)			MALGUZARI (OR ASSESSED.)								PER-CENTAGES OF AREA AND PRODUCE.			
					Waste.	Muafi, or Revenue free.	Total not assessed.	Culturable.	Abandoned.	Irrigated.	Cultivated.			Total cultiva- ted.	Total of cultivated and abandoned (i. e. assessed.)	Per-centages of area culti- vated of	Former Settlement.	New Settlement.	
											Sailabi.	Barani.	Total.						
1	2	3	4	5															
Professional Survey				34,239	9,494	...	9,494	4,180	1,906	...	...	...	...	18,659	20,565	(1) Area. Area manured,	...	P.C. 14	P.C. 10
Settlement Survey... A. D. 1854 ...	22	9	31	33,286	8,046	1,020	9,066	5,920	2,171	11,532	5	1,592	1,597	13,129	15,300	„ irrigated,	...	75	85
Area given in Yearly Paper for A. D. 1865-66				30,286	7,535	654	8,189	4,529	1,119	14,897	...	1,552	1,552	16,449	17,568	„ under "zabti " or best crops,	...	7	7
New Measurement...	22	9	31	31,230	6,922	625	7,547	4,571	708	15,884	16	2,504	2,520	18,404	19,112	„ under "páikásht," or non- resident tenant lands,		20	47
																(2) Produce. Arranged in classes. See "Produce Table."			
																„ of I. class value,	...	9	14
																„ II. ditto	...	54	60
																„ III. ditto,	...	13	7
																„ IV. ditto,	...	24	19

*Assessment Report of Chakla Bangar.—(Continued.)*

AND CAPABILITIES CONSIDERED IN DIFFERENT ASPECTS.						(SECTIONS III & IV.) SUMMARY AND LAST SETTLEMENT COMPARED WITH NEW JAMA WORKED OUT FROM RATES AND ESTIMATES.					(SECTION V.)	
PLOUGHS, CATTLE, POPULATION AND WELLS.			PRESENT AND FUTURE CAPABILITIES.			Detail of estimates adopted here compared.	Rates worked out on ploughs, wells and area arranged according to Soils.	Jama amount deducted therefrom.	Rate of same on assessed area.	Per-centage of reduction.	FINANCIAL RESULTS CONSIDERED.	
Number of	Former Settlement.	New Settlement.	Examined in different ways.	Former Settlement.	New Settlement.						Rs.	R.P.A
Ploughs, { Taxable Revenue free	1,031	1,449	(1) <i>Water capacity.</i>			(As Adopted at last Settlement A. D. 1854.)		Rs.	R.P.A	P.C.		
	29	43	Average rain-fall (in inches,)	...	25	Tahsildar's Estimate, ...						Present Jama,..... 16,674
Head of cattle, ...	7,059	8,616	Average depth of Wells in feet	30	30	Well Estimate, {	@ Rs. per well, ...	...	...	...		Add actual increase, 1,006
Population ...	9,948	10,166	Cost of Wells Rs.,	...	225	Plough Estimate, {	@ Rs. per Plough, ...	...	...	...		FOR FEES :—
Population per square mile of cultivation ...	416	373	Yoke of oxen required per well, ...	...	6	Produce Estimate {	Unirrigated 13,292 } Water tax 4,485 }	17,777	1-2-7	...		„ for Headmen,... 327 15 0
						Soil Rate Jama,		...	...	...		„ „ Chaudris, 323 0 0
												TOTAL, ... 18,330 15 0



<i>Wells in use.</i>			Area well can irrigate in acres	...	30	Revenue rate Jama ...	As per rates below ...	18,637	1-3-6	Deduct actual decrease, 1,150 Fees for Headmen @ 1 p. c. = 165, 36 acres cultivation 31-2-0 } 327-5-0 199 acres "Banjar" = 131-13-0, 1 p. c. Chaudris, 323 New Jama..... 16,530
(old)	Taxable,	265	(2) Capacity for expansion.			Summary Settlement Jama 1850, ...		19,204	0-14-11	
	Rev. free,	35	Per-centage of area uncultivated, ...			Regular Set. Jama 1854, ...		16,895	1-1-8	
(new)	Taxable,	...	" Waste, ...	26	22	Reduced Set. Jama 1859, ...		15,825	1-0-7	
	Rev. free	...	" Culturable,	19	14	(As now adopted.)				
Wells out of use.	Taxable,	34	TOTAL, ...	45	36	Plough Estimate, @10Rs. per plough		14,490	0-12-1	Fitness for Permt. Set. Estates. Jama. Fully cultivated, ... 9. 4,473 Fairly ditto, ..... 1. 755 Not fully ditto, ... 21. 11,302 TOTAL, ... 31. 16,530 Rs. 1. Initial, ..... 16,530 2. Progressive Increase } after 10 years 1,158 3. Permanent, ..... 6,106
	Rev. free,	...	Head of cattle per uncultivated area, ...	1	1	Produce Estimate	Unirrigated, 20,124 Water tax, 4,485	24,609	1-4-7	
REVENUE RATE FIXED.						Tahsildar's Estimate ...		...	...	
						E. A. Commr.'s Estimate ...		16,762	0-14-0	
Former Settlement,	No. of villages.	Cháhi.	Sailábi or 1st class barren.	Barání.	Lately abandoned.	New Rates ...	For Rates see Pargana Map Unirrigated, 12,830 Water tax, 4,485	17,315	0-14-6	
		1-8-0	...	0-8-0	0-4-0	Present Jama of A. D. 1866. }		16,674	0-13-11	
Fixed now,	Rs.					Proposed new Jama ...		16,530	0-13-10	
	31	15 per well		0-11-0	0-4-0	Decrease ...		144	or 1 p. c	

## REMARKS BY ASSISTANT SETTLEMENT OFFICER.

**CONDITION.**—This Chak is a continuation of the one of the same name in Tahsil Gujranwála, and though no such nice distinctions were made between Charkharri and Bangar at former settlement still the villages composing the Chak which come principally from the Charkharri Mehál, assimilated in features so markedly to the Gujranwála Bangar, it was thought desirable to form them into a separate assessment circle. This tract is about 18 miles long by 2 broad, and represents  $\frac{1}{8}$ th of the whole Tahsil. Estates round Darveshke and Nut Butalah have excellent dosáhi soil, the cotton and sugar-cane in them is very superior. Villages between Dargahiwála and Hárkarn on the Bar border have mostly "Myrah" soil, and the produce is only 2nd class. There is a large and good Chamb in Mauza Nidálah, where and in Wazírke excellent Munjí is grown. On the borders of the nálá flowing by Darveshke and Kot Qázi good rice is also raised. Báráni crops, principally moth and mash, are grown in Nowewalah, Harkarn and adjacent villages, but not elsewhere; the proprietors in this Chak are generally industrious.

**CAPABILITIES.**—The Chak contains 31 estates, of which 22 are Khalsa and 9 jaghír. The Chak is generally fertile, but some estates are injured by the efflorescence of saltpetre; the culturable area is not large, and no village has any great extent of banjar land; the abandoned area also is small. The increase in produce of I and II class value is considerable, and mainly found in sugar-cane, cotton and wheat. The area in this Chak protected by irrigation is 85 per cent; many new wells have been put in since last settlement. Water is at an average depth of 30 feet, and the well yokes usually are good strong cattle; the average of ploughs is very good.

R. P. NISBET,

*Assistant Settlement Commissioner.*



FORM No. IV.

—o—

ABSTRACT OF "VILLAGE NOTE-BOOK"

CONTAINING

REPORT ON THE ASSESSMENT

OF

CHAKLA MYRAH,  
PARGANAH WAZIRABAD,  
DISTRICT GUJRANWALA.

---

1866-67.

---

(REVISED SETTLEMENT.)

NO. IV. Abstract of "Village Note-Book," containing Assessment Report of Chakla Myráh, Parganah Wazirabad, District of Gujranwála.

FORMER AND PRESENT STATUS COMPARED.	NUMBER OF MEHALS, (or Estates.)			(SECTION I.) AREA AS ARRANGED FOR ASSESSMENT (in acres).											(SECTION II.) RESOURCES				
	Khalisa or Govt., and "shared."	Jagir, or assigned	TOTAL.	TOTAL AREA.	MINHAL. (or not assessed.)			MALGUZARI (OR ASSESSED.)								PER-CENTAGES OF AREA AND PRODUCE.			
					Waste.	Muafi, or Revenue free.	Total not assessed	Culturable.	Abandoned.	Irrigated.	Cultivated.			Total cultivated.	Total of cultivated and abandoned (i. e. assessed.)	Per-centages of area cultivated of	Settle- ment.	New Settlement.	
											UNIRRIGATED.								
											Sailabi.	Barani.	Total.						
1	2	3	4	5															
Professional Survey,				19,061	7,143	...	7,143	2,571	471	...	...	...	...	8,876	9,347	(1) Area,	P.C.	P.C.	
Settlement Survey A. D. 1854, ...				18,507	9,101	201	9,302	785	386	7,362	...	672	672	8,034	8,420	Area manured, ...	12	12	
Area given in Yearly Paper for A. D. 1865-66, ...				18,507	8,872	160	9,032	329	230	8,726	...	190	190	8,916	9,146	" irrigated, ...	87	95	
New Measurement,	9	2	11	18,904	6,858	145	7,003	2,740	217	8,493	...	451	451	8,944	9,161	" under "zabti" or best crops, ... }	7	9	
																" under "páikásht," or non-resident tenant lands,	16	41	
																(2) Produce.			
																Arranged in classes. See "Produce Table."			
																" of I. class value, ...	7	14	
																" II. ditto, ...	56	55	
																" III. ditto, ...	9	8	
																" IV. ditto, ...	28	23	



*Assessment of Chakla Myrah.—(Continued.)*

**AND CAPABILITIES** CONSIDERED IN DIFFERENT ASPECTS.

**PLOUGHES, CATTLE, POPULATION AND WELLS.**

Number of	Former Settle- ment.	New Settlement.	Examined in different ways.	Former Settle- ment.	New Settlement.
Ploughs, { Taxable { Reven- { ue free	652	832	(1) <i>Water capacity.</i>	...	25
	5	7	Average rain-fall (in inches,)	...	25
Head of cattle, ...	3,439	3,418	Average depth of Wells in feet,	2 <sup>6</sup>	27
Population, ...	4,855	4,963	Cost of Wells Rs.,	200	
Population per square mile of cultivation, ...	373	347	Yoke of oxen required per well,	7	

(SECTIONS III & IV.) SUMMARY AND LAST SETTLEMENT COMPARED WITH NEW JAMA WORKED OUT FROM RATES AND ESTIMATES.

* Detail of estimates adopted here compared.	Rates worked out on ploughs, wells and area arranged according to soils.	Jama amount deducted therefrom.	Rate of same on assessed area.	Per-centage of reduction.
<i>(s Adopted at last Settlement A. D. 1854).</i>		Rs.	R.A.P.	P.C.
Tahsildar's Estimate, ...				
Well Estimate, @ Rs. per well,		...	...	...
Plough Estimate, @ Rs. per plough,		...	...	...
Produce Estimate, ...	Unirrigated 7,505 Water tax 2,380	9,885	1-2-9	
Soil Rate Jama,		...	...	

(SECTION V.)

**FINANCIAL RESULTS.**

	Rs.
Present Jama.....	8,973
Add actual increase...	429
FOR FEES :—	
„ for Headmen, ...	171- 5-6
„ „ Chaudris ...	121
<b>TOTAL, ...</b>	<b>9,694- 5-6</b>

<i>Wells in use.</i>			Area well can irrigate in acres			Revenue Rate Jama, ...	As per rates below, ...	9,635	1-2-4	Deduct actual decrease... 535 Fees for Headmen @ 1 p. c. = 89 5 acres cultivation, 4-13-6 } 171-5-6 124 acres "Banjar" = 778 1 p. c. Chaudris, 121 } 827-5-6 New Jama, ..... 8,867-0-0
,, (old)	Taxable,	163	(2) Capacity for expansion.			Summary Settlement Jama 1850, ...		10,110	1-3-2	
	Rev. free,	5				Regular Set. Jama 1854, }		9,390	1-1-9	
,, (new)	Taxable,	...	Per-centage of area uncultivated ...			Reduced Set. Jama 1859, }		9,390	1-1-9	
	Rev. free,	...	„ Waste ...	49	36					
			„ Culturable,	4	14	(As now adopted.)				
						Plough Estimate, @ 9 Rs. per plough,		7,488	0-13-1	
Well out of use.	Taxable,	13	TOTAL ...	53	50	Produce Estimate, ...	Unirrigated, 8,875 Water tax, 2,380	11,255	1-3-8	<i>Fitness for Permt. Set. Estates. Jama.</i> Fully cultivated 1 ... 516 Fairly ditto, 2 ... 2,893 Not fully ditto, 8 ... 5,458 TOTAL, ... 8,867 Rs. 1. Initial, ..... 8,867 2. Progressive increase } after 10 years 402 3. Permanent, ..... 9,269
	Rev. free,	...				Tahsildar's Estimate, ...		...	...	
			Head of cattle per uncultivated area ...			E. A. Commr's Estimate, ...		7,520	0-13-1	

# REVENUE RATE FIXED.

	No. of villages.	Cháhi.	Sailábí or 1st class barren.	Baráni.	Lately abandoned.	New Rates, ...	For Rates see Pargana Map. Unirrigated, 5,644 Water tax, 2,380	8,024	0-14-0	1. Initial, ..... 8,867 2. Progressive increase } after 10 years 402 3. Permanent, ..... 9,269
Former Settlement,		1-4-0	...	0-8-0	0-4-0	Present Jama of A. D. 1866, }		8,973	0-15-8	
Fixed now,...	11	Rs. 14 per well. ...	0-10-0	0-4-0		Proposed new Jama, ... }		8,867	0-15-6	
							Decrease, ...	106	or 1 p. c.	



## REMARKS BY ASSISTANT SETTLEMENT OFFICER.

CONDITION.—This is a very small Chak, formed at this Settlement by 9 estates from the Charkharri Mehal and 2 from the Kallar tract. The quality of the soil here differing considerably from that of neighbouring tracts these estates could not appropriately have been joined into any other Chak, and therefore it was necessary to form this as a distinct one. The soil is generally light and inferior to that of the adjoining Kallar tract, but not injured by saltpetre, which more than compensates for the inferiority; the expenses of cultivation are also less than in real Kallar estates; in some villages there is very fair Baráni land. In Rukanpur and Sherpur Munji is grown and watered by the drainage from Kallar tracts, but the water is brackish and injures other crops. There is a good Chamb in Mauzah Saharan, and excellent rice is grown.

CAPABILITIES.—Of the 11 estates composing the Chak 9 are Khalsa and 2 Jaghir. The irrigated area has extended and several new wells built; the wells are good; the increase in number of ploughs is good; there is no noteworthy increase under the head of resources except irrigation, or there is much change in the different classes of produce.

R. P. NISBET,

*Assistant Settlement Commissioner.*

FORM No. IV.

—0—

ABSTRACT OF "VILLAGE NOTE-BOOK"

CONTAINING

REPORT ON THE ASSESSMENT

OF

CHAKLA KALLAR,  
PARGANAH WAZIRABAD,  
DISTRICT GUJRANWALA.

---

1866-67.

---

(REVISED SETTLEMENT.)



No. IV.—Abstract of "Village Note-Book," containing Assessment Report of Chak Kallar, Parganah Wazirabad, District of Gujranwala.

FORMER AND PRESENT STATUS COMPARED.	NUMBER OF MEHALS, (or Estates)			(SECTION I) AREA AS ARRANGED FOR ASSESSMENT (in acres)												(SECTION II) RESOURCES			
	Khalsa or Govt., and "shared."	Jagir, or assigned.	TOTAL.	TOTAL AREA.	MINHAI (or not assessed)			MALGUZARI (OR ASSESSED.)								PER-CENTAGES OF AREA AND PRO- DUCE			
					Waste.	Muafi, or Revenue free.	Total not assessed.	Culturable.	Abandoned.	Irrigated.	Cultivated.			Total of cultivated and abandoned (i. e. assessed.)	Per-centages of area cul- tivated of	Former Settlement.	New Settlement.		
											Sailabi.	Baráni.	Total.						
1	2	3	4	5															
Professional Survey...				56,888	34,033	...	34,033	2,530	1,125	...	...	...	...	19,202	20,325	(1) Area. Area manured, ...	P.C.	P.C.	16 10
Settlement Survey A. D. 1854, ...	38	3	41	54,714	32,305	2,029	34,334	3,884	1,735	13,634	...	1,127	1,127	14,761	16,496	„ irrigated, ...	83	84	
Area given in Yearly Paper for A. D. 65-66				54,714	31,785	1,223	33,008	3,161	1,344	15,635	...	1,566	1,566	17,201	18,545	„ under "zabti" or best crops, ... }	7	10	
New Measurement,	38	3	41	56,057	31,672	1,271	32,943	4,222	918	16,451	...	1,523	1,523	17,974	18,892	„ under "páikásht," or non- resident tenant lands,	19	10	
																(2) Produce, Arranged in classes. See "Produce Table," }			
																„ of I class value,...	9	14	
																„ II. ditto, ...	64	68	
																„ III. ditto. ...	14	9	
																„ IV. ditto, ...	13	9	

*Assessment Report of Chakla Kallar. Continued.*

**AND CAPABILITIES CONSIDERED IN DIFFERENT ASPECTS.**

PLOUGHS, CATTLE, POPULATION AND WELLS.			PRESENT AND FUTURE CAPABILITIES.		
Number of	Former Settlement.	New Settlement.	Examined in different ways.	Former Settlement.	New Settlement.
Ploughs, {	Taxable	1,394	(1) <i>Water capacity.</i>		
	Revenue free	136	Average rain-fall (in inches,)		
Head of cattle, ...	8,520	11,390	Average depth of Wells in feet	27	26
Population, ...	16,432	13,722	Cost of Wells Rs., ...		200
Population per square mile of cultivation, ...	638	473	Yoke of oxen required per well.	...	7

(SECTIONS III. & IV.) SUMMARY AND LAST SETTLEMENT COMPARED WITH NEW JAMA WORKED OUT FROM RATES AND ESTIMATES.

Detail of estimates adopted here compared.	Rates worked out on ploughs, wells and area arranged according to soils.	Jama amount deducted therefrom.	Rate of same on assessed area.	Per-centage of reduction.
(As adopted at last Settlement A. D. 1854.)		Rs.	R.A.P.	P.C.
Tahsildars's Estimate, ...				
Well Estimate, @ well,	Rs. per ...			
Plough Estimate, @ Plough,	Rs. per ...			
Produce Estimate {	Unirrigated 15,489 {	21,040	1-4-5	
	Water tax 5,551 }			
Soil Rate Jama,		...	...	

(SECTION V.)

**FINANCIAL RESULTS CONSIDERED.**

	Rs.
Present Jama,.....	20,654
Add actual increase,	688
FOR FEES :—	
„ for Headmen,...	375
„ „ Chaudris,	417
TOTAL, ...	22,134



Wells in use.			Area well can irrigate in acres	...	30	Revenue rate Jama ...	As per rates below ...	18,040	1-1-6	Deduct actual decrease, 1,890	
,, (old)	Taxable,	390	373	(2) Capacity for expansion.		Summary Settlement Jama 1850, ...		22,002	1-1-4	Fees for Headmen @ 1 p. c.=195 69 acres cultivation, 71 174 acres "Banjar"=109 1 p. c. Chaudris, 417	
	Rev.free,	55	34			Regular Set. Jama 1854....		19,708	1-3-1		
,, (new)	Taxable,	...	54	Percentage of area uncultivated, ...	59	Reduced Sett. Jama 1859,...		19,195	1-2-7		New Jama,..... 19,452
	Rev.free,	...	5			,, Waste, ...	7	(As now adopted.)			
Wells out of use.	Taxable,	36	45	TOTAL, ...	66	Plough Estimate	@ 10 Rs. p. plough	20,180	1-1-1	Fitness for Permt. Set. Estates. Jama.	
	Rev.free,	...	...			,, Culturable,	7	Produce Estimate	Unirrigated, 20,811 Water Tax, 5,551		26,362
			Head of cattle per uncultivated area, ...			Tahsildar's Estimate				Fully cultivated.....	
										Fairly ditto, ..... 4. 2,921	
										Not fully ditto ... 37, 16,531.	

# REVENUE RATE FIXED.

	No. of villages.	Cháhi.	Sailábi or 1st class barren.	Báráni.	Lately abandoned.	New Rates ...	For Rates see Parganah Map. Unirrigated, 11,463 Water Tax, 5,551	17,014	0-14-5	1. Initial,.....	Rs. 19,452
Former Settlement,		1-4-0		0-8-0	0-4-0	Present Jama of A. D. 1866. }		20,654	1-1-6	2. Progressive increase	after 5 years 50 after 10 years 836 after 15 years 300
Fixed now,	Rs. 41 13 per well			0-10-0	0-4-0	Proposed new Jama ...		19,452	1-0-6	3. Permanent,.....	20,638
								Decrease ...	1,202	or 6	p. c.

## REMARKS BY ASSISTANT SETTLEMENT OFFICER.

CONDITION.—This Chak is 12 miles long by 4 broad, and represents about 1.6th of the whole Tahsil. As its name denotes, the soil is much impregnated and deteriorated by saltpetre; the soil is naturally good rohi and superior myrah, but the saltpetre makes it hard and unyielding, and greatly increases the expense of cultivation, and leaves a very small margin of profit to the cultivator: the produce is much affected by the saltpetre, Sugar-cane which may look very well is tainted in the sweetness of the cane by the saltpetre. Wheat is the principal produce, and is of very good quality. Indian corn, cotton and all other crops are grown in moderate quantities. The best estates are on the east side, Jhambwala, Jamke, Kot Bhaga have much superior rohi and dosahi soil without kallar and zabti crops are all grown in profusion. There is not much Chamb land, but in Bucha Chattah and Gajur gola, where the water stands in the kallar land, rice is grown; there is scarcely any barani cultivation except in a few villages on the Hafizabad boundary.

CAPABILITIES.—This Chak contains 41 estates, of which 38 are Khalsa and 3 Jaghir. Irrigation, which is from wells, is extensively carried on; wells are numerous, with 7 yokes, very superior cattle, without water here, and if the land is not regularly watered there are either no crops or they soon dry up; irrigation has to be uninterruptedly maintained; this accounts for 84 per cent of the tract being irrigated, nearly  $\frac{3}{4}$  of the area of this tract is barren waste, and there is no great room for extension of cultivation; the increase in the I and II classes of produce is good. The prevailing castes in the tract are Chattahs and Chimahs.

R. P. NISBET,

*Assistant Settlement Commissioner.*



FORM No. V.

—0—

ABSTRACT OF "VILLAGE NOTE-BOOK"

CONTAINING

AREA, RESOURCES, JAMA AND RATES

OF

PARGANAH WAZIRABAD.

DISTRICT GUJRANWALA.

---

1866-67.

---

(REVISED SETTLEMENT.)

No. V.

*General Abstract of Area, Resources, Jama and Rates in the Assessment Circle of Khadir, Parganah Wazirabad, District of Gujranwala.*

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
Serial Number.	Name of Chakla or Assessment circle.	Former and present statements compared.	NUMBER OF MEHALS.			(SECTION I.) AREA AS ARRANGED FOR ASSESSMENT IN ACRES.											(SECTION II.) RESOURCES AND								
			Khalsa and (shared.)	Jagir.	TOTAL.	MINHAI (OR NOT ASSESSED.)			MALGUZARI (OR ASSESSED.)						Total of cultivated and abandoned.	PER-CENTAGE OF AREA.				Percentage of produce (arranged in classes; see produce table for detail.)					
						Total area.	Waste.	Muafi or revenue free.	Total of not-assessed.	Culturable.	Abandoned.	Irrigated.	Cultivated.			TOTAL.	Manured.	Irrigated.	Zabti.	Paikásht.	I.	II.	III.	IV.	
													Sailābi.	Barāni.											
KHADIR.	Former ...				74,648	33,781	5,625	39,406	10,976	2,047	8,861	12,317	1,041	22,219	24,266	10	37	8	18	8	68	17	7		
	Present ...	56	6	62	74,276	29,750	3,658	33,408	11,798	1,930	12,228	13,291	1,621	27,140	29,070	13	39	18	34	18	65	11	6		
	Difference,				—372	—4,031	—1,967	—5,998	+ 822	—117	+ 3,367	+ 974	+ 580	+ 4,921	+ 4,804	+ 3	+ 2	+ 10	+ 16	+ 10	—3	—6	—1		



Assessment Circle of Khadir—(Continued.)

Serial Number.		Name of Chakla or Assessment Circle.	
KHADIR.		Former and present statements compared.	
Former...	Present...	Difference,	
2,210	3,017	+807	+2,530
12,679	15,209	9 1/2	9
11	...	...	...
26,994	19,819	—7,175	...
712	408	+	+
407	...	+1	+54
124	76	—48	...
...	15	...	...
...	150	...	...
...	415	...	...
60	56	—4	...
...	...	...	...
32,355	38,261	31,086	30,061
...	...	7	...
1-5-3	1-3-10	1-3-9	1-0-8

26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41

CAPABILITIES CONSIDERED IN DIFFERENT ASPECTS.

PLUGHS AND CATTLE. POPULATION.

WELLS.

WATER CAPACITY.

Number of ploughs.

Number of entire head of cattle.

Plough.

Cultivator.

Number of

Per square mile of cultivation.

Old.

New.

Out of use.

Average rain-fall (in inches).

Average depth of wells (in feet).

Cost of wells.

No. of oxen required,

Area one well can irrigate.

Percentage of area uncultivated.

Head of cattle per area of uncultivated.

Average per

In use.

Water from wells.

Capa- city for expan- sion.

(SECTION III.) SUMMARY AND LAST SETTLEMENT JAMA COMPARED.

Summary Settlement Jama of S. 1907.

Revenue Rate Jama of last Settlement.

Jama of last Settlement as in old No. II. Village Statement.

Jama of last Settlement as in No. II subsequently reduced in S. 1915.

Percentage of reduction on Summary Settlement.

Of Summary Settlement Jama.

Of last Settlement Jama.

RATES ON CULTIVATION.

*Assessment Circle of Khadir.—(Continued.)*

Serial Number.	Name of Chakla or Assessment Circle.	Former and present statements compared.	49	50	51	52	53	54	55	56	57	58	59	
			(SECTION IV.) PROPOSED JAMA WORKED OUT FROM RATES AND ESTIMATES.											
			RATES ADOPTED IN ASSESSMENT.					ESTIMATES ADOPTED.					Present Jama of Sambat 1923 with rate on cultivated area.	New Jama finally fixed, with rates on cultivated area.
			On Ploughs.	On Cultivated area.		Abandoned.	Of Extra Assistant Settlement Commissioner.	On plough.	On produce@one-sixth of gross produce.	As per new Revenue Rates.				
Irrigated.	Unirrigated.	Salabi.		Barani.										
1	KHADIR.	Former ...	17	2 0 0	1 8 0	1 0 0	0 8 0	...	28,689	...	...	...		
		Present ...	12	17 0 0	...	0 14 0	0 8 0	30,304	36,204	35,290	32,567	30,632	30,218	
		Difference ...										1-0-10	1-0-7	

REMARKS BY ASSISTANT SETTLEMENT OFFICER.

ASSESSMENT.—It would appear that there is an increase of 4,804 acres in column of total assessable and 4,921 as really cultivated, but of this 1,967 has to be deducted for Muáfi lapses, leaving only about 3,000 as ostensible increase; but again, if the cultivation at time of Professional Survey be looked to we find that existing cultivation has only just about worked up to what it was then, so that no actual increase can be claimed in the Chak. The Jama of last Settlement, which was subsequently reduced 3½ per-cent, is said to be still high, and in visiting nearly every estate in this Chak I have found many where reduction is required; still on review of the whole I am of opinion that equalization of rates in adjoining estates is all the relief that is required, and when we see that 83 per cent of the area is under crops of I and II class value much reduction appears uncalled for. In a tract like this, where cultivation is precarious on account of river action year by year, it will be wiser to keep rather within the reduced Revenue Rate and produce Jamas, which are 32,567 and 35,290 respectively. I propose a Jama of 30,000 rupees, or nearly the same as existing Jama. Some allowance will have to be made for this year's losses by diluvion, which are in excess of anything gained by alluvion.



*General Abstract of Area, Resources, Jama and Rates in the Assessment Circle of Charkhari Mehal, Parganah Wazirabad,  
District of Gujranwala.*

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
Serial Number.	Name of Chakla or Assessment Circle.	Former and present statements compared.	NUMBER OF MEHALS.			(SECTION I.) AREA AS ARRANGED FOR ASSESSMENT IN ACRES.											(SECTION II.) RESOURCES								
			Khalsa and (shared.)	Jagir.	TOTAL.	MINHAL, (OR NOT ASSESSED.)			MALGUZARI, (OR ASSESSED.)							Total of cultivated and abandoned.	PER-CENTAGE OF AREA.				Per-centage of produce (arranged in classes; see produce table for detail.)				
						Total area.	Waste.	Muafi, or revenue free.	Total of not assessed.	Culturable.	Abandoned.	Irrigated.	Cultivated.		TOTAL.		Manured.	Irrigated.	Zabti.	Paikash.	I.	II.	III.	IV.	
													Sailabi.	Unirrigated.											
2	CHARKHARI MEHAL.	Former ... Present ... Difference,	 111 	 3 	 114 	 1,01,762 1,05,374 + 3,612	 30,289 24,965 -5,324	 7,746 5,508 -2,138	 38,035 30,543 -7,492	 12,262 14,929 + 2,667	 1,526 1,127 -399	 48,163 56,054 + 7,891	 193 184 -9	 1,583 2,537 + 954	 49,939 58,775 + 8,836	 51,465 59,902 + 8,437	 22 94 25 93 + 3 -1	 10 12 + 2	 23 38 + 15	 12 17 + 5	 67 69 + 2	 12 9 -3	 9 5 -4		

*Assessment Circle of Charkhari Mehal.—(Continued.)*

Serial Number.	Name of Chakla or Assessment Circle.	Former and present statements compared.	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
			AND CAPABILITIES CONSIDERED IN DIFFERENT ASPECTS.																(SECTION III.) SUMMARY AND LAST SETTLEMENT JAMA COMPARED.							
			PLOUGHS AND CATTLE.				POPULATION.		WELLS.			WATER CAPACITY.				Capacity for expansion.										
			Number of ploughs.	No. of entire head of cattle.	Plough.	Average per Cultivator.	Number of	Per square mile of cultivation.	Old.	New.	Out of use.	Average rain-fall (in inches.)	Average depth of wells (in feet.)	Cost of wells.	No. of oxen required.	Area one well can irrigate.	Per-centage of area uncultivated.	Head of cattle per area uncultivated.	Summary Settlement Jama of 1907.	Revenue Rate jama of last Settlement.	Jama of last Settlement as in old No. II. Village Statement.	Jama of last Settlement as in No. II. If subsequently reduced in S. 1915.	Per-centage of reduction on Summary Settlement.	Of last Settlement Jama.	Of Summary Settlement Jama.	
CHARKHARI MEHAL.	Former ...	...	5,175	28,016	10	...	52,000	647	1,390	...	81	...	...	...	...	...	41	2	1,02,259	74,340	86,386	83,864	...	1-12-8	1-10-2	
	Present ...	...	7,088	39,501	8½	7	64,070	702	1,410	157	63	27	200	5	32	37	1					18	1-11-3	1-6-5		
	Difference,		+ 1,913	+ 11,485	...	...	+ 12,070	...	+ 20	157	-18	...	...	...	...	...	-4	...								



*Assessment Circle of Charkharri Mehal.—Continued.*

Serial Number.	Name of Chakla or Assessment Circle.	Former and present statements compared.	49	50	51	52	53	54	55	56	57	58	59	
			(SECTION IV) PROPOSED JAMA WORKED OUT FROM RATES AND ESTIMATES.											
			RATES ADOPTED IN ASSESSMENT.					ESTIMATE ADOPTED.					Present jama of Sambat 1923, with rate on cultivated area.	New jama finally fixed, with rate on cultivated area.
			On ploughs.	Irrigated.	Unirrigated		Abandoned.	Of Extra Assis- tant Settle- ment Commis- sioner.	On plough.	On produce @ one-sixth of gross produce.	As per new Re- venue Rates.			
Sailabi.	Barani.													
2	CHAR- KHARRI MEHAL.	Former,	...	20	1-8-0	...	0-12-0	0-8-0	...	...	88,413	...	...	
		Present,	...	14	20-0-0	...	0-14-0	0-8-0	83,482	99,232	1,03,311	83,332	91,009 1-8-5	86,595 1-7-2
		Difference,	...											

REMARKS BY ASSISTANT SETTLEMENT OFFICER.

ASSESSMENT.—Although considerable increase has been made in cultivation since last Settlement the total cultivated area of the Chak has not yet worked up to that which was found at the Professional Survey, no real increase can therefore be claimed. There are only 3 Jaghir estates in this tract, the rest are khalsa and mixed; the Jama of Summary Settlement was high and great distress resulted, considerable relief was given at last Settlement though the jama was kept above deduced Revenue rates, the Settlement Officer had not only the burden of Summary Jama to grapple with, but also to provide for the disastrous effects of the drought of 1853-54, hence subsequent inequalities were found and reductions were given four years afterwards in 16 estates amounting to 2,522 rupees, since which no balance has accrued and sales or mortgages from distress are unknown. At this Settlement, there being no great room for expansion, it has been necessary to keep within the produce estimate; the new jama gives a present decrease of Rs. 5,014, for it will be found that many of the finest estates have received reduction as the rate per acre on cultivation in them falls very unequally in comparison with surrounding estates, and the Government demand in such villages has become simply a tax on extraordinary industry. Progressive jama has been little resorted to, the statistics shew the increase at intervals of 5, 10 and 15 years respectively. The rate per acre on the cultivated area for the whole Chak falls at Rs. 1-7-2, which is not light and is as high as can be taken with safety and in view of the reduced proportion of the estimated gross produce which Government have declared the State will now demand.

*General Abstract of Area, Resources, Jama and Rates in the Assessment Circle of Bangar, Parganah Wázirabad,  
District of Gujránwála.*

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Serial Number.	Name of Chakla or Assessment Circle.	Former and present statement compared.	NUMBER OF MEHALS.			(SECTION I.) AREA AS ARRANGED FOR ASSESSMENT IN ACRES.										(SECTION II.) RESOURCES &								
			Khalsa and (shared.)	Jagir.	TOTAL.	MINHAI (OR NOT ASSESSED).			MALGUZARI (OR ASSESSED.)							PER-CENTAGE OF AREA.				Per-centage of produce (arranged in classes; see produce table for detail.)				
						Total area.	Waste.	Muafi, or revenue free.	Total of not assessed.	Culturable.	Abandoned.	Irrigated.	Cultivated.		TOTAL.	Total of cultivated and abandoned.	Manured.	Irrigated.	Zabti.	Paikasht.	I.	II.	III.	IV.
													Sailabi.	Barani.										
3	BANGAR.	Former ... Present ... Difference	 22  	 9  	 3  	 30,286 31,230 + 944	 8,046 6,922 —1,124	 1,020 625 —395	 9,066 7,547 —1,519	 5,920 4,571 —1,349	 2,171 708 —1,463	 11,532 15,884 + 4,352	 5 16 11	 1,59 2,50 + 91.	 13,127 18,404 + 5,27.	 15,300 19,112 + 3,812	 14 10 —4	 75 85 + 10	 7 7 ...	 20 47 + 27	 9 14 + 5	 54 60 + 6	 13 7 —6	 24 19 —5



Assessment Circle of Bangar.—(Continued.)

Name of Chakla or Assessment Circle.	Serial Number.	Former and present statement compared.	CAPABILITIES CONSIDERED IN DIFFERENT ASPECTS.																	(SECTION III.) SUMMARY AND LAST SETTLEMENT JAMA COMPARED.					
			PLOUGHS AND CATTLE.			POPULATION.		WELLS.		WATER CAPACITY CITY.						Capacity for expansion.	Summary Settlement Jama of 1907-10.	Revenue Rate Jama of last Settlement.	Jama of last Settlement as in old No. II. Village Statement.	Jama of last Settlement as in No. II subsequently reduced in S. 1915.	Percentage of reduction on Summary Settlement	Of Summary Settlement Jama.	Of last Settlement Jama.		
			No. of entire head of cattle.	Plough.	Average per cultivator.	Number of	Per square mile of cultivation.	Old.	New.	In use.	Out of use.	Average rain-fall (in inches.)	Average depth of wells (in feet.)	Cost of wells.	No. of oxen required.									Area one well can irrigate.	Percentage of area uncultivated.
Former ...	1,031	7,059	15	...	9,948	416	265	...	34	...	...	...	...	...	...	1	19,204	18,637	16,895	15,825	...	1-4-0	1-0-7		
Present ...	1,449	8,616	13	11	10,666	373	250	49	21	...	30	225	631	36	1	...	...	...	...	17½	1-0-0	0-13-3			
Difference,	+ 418	+ 1,557	- 2	...	+ 218	...	- 15	49	- 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...		

*Assessment Circle of Bangar.—(Continued.)*

Serial Number.	Name of Chakla or Assessment Circle.	Former and present statement compared.	49	50	51	52	53	54	55	56	57	58	59	
			(SECTION IV.) PROPOSED JAMA WORKED OUT FROM RATES AND ESTIMATES.											
			RATES ADOPTED IN ASSESSMENT.					ESTIMATES ADOPTED.					Present jama of Sambat 1923, with rate on cultivated area.	New jama finally fixed, with rates on cultivated area.
			On Ploughs.	On cultivated area.		Abandoned.	Of Extra Assistant Settlement, Commissioner.	On plough.	On produce @ one sixth of gross produce.	As per new Revenue Rates.				
Irrigated.	Unirrigated.	Sailabi,		Barani.										
23	BANGAR.	Former	14	1 8 0	...	0 8 0	0 4 0			17,777				
		Present	10	15 0 0	...	0 11 0	0 4 0	16,762	14,490	24,609	17,315	16,674	16,530	
		Difference										0-13-11	0-13-10	

REMARKS BY ASSISTANT SETTLEMENT OFFICER.

ASSESSMENT.—In the column of "total assessed" we find an increase of 3,812 acres, and in the actual cultivation of 5,275 acres, in which is included 395 acres Muafi lapses, over the area of last settlement. This shews a condition of fair prosperity since that time, but if the area of cultivation as existing at time of professional survey be considered present area has not yet worked up to that, and no increase therefore can be claimed at all. The jama of last settlement was Rs. 16,895, but 4 years subsequently a reduction of 6½ per cent was given. The rates fixed are full high and cannot be enhanced: they give 17,315 as against 16,674 present jama. Considering the very short term of settlement since the last revision of assessment, about 7 years only, that proprietors in this chak have enjoyed, I do not think enhancement is called for, and if we assess well up to rates it is all that can be looked for, in view of the decreased estimate of the Government demand.



General Abstract of Area, Resources, Jama and Rates in the Assessment Circle of Myrah, Pargannah Wazirabad, District of Gujranwala.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Serial Number.	Name of Chakla or Assessment Circle.	Former and present status compared.	NUMBER OF MEHALS			(SECTION I.) AREA AS ARRANGED FOR ASSESSMENT IN ACRES.											(SECTION II.) RESOURCES AND							
			Khalsa and (shared.)	Jagir.	TOTAL.	MINHAI (OR ASSESSED.)			MALGUZARI (OR ASSESSED.)					Total of cultivated and abandoned.	PER-CENTAGE OF AREA.				Per-centage of produce (arranged) in classes; see produce table for detail.					
						Total area.	Waste.	Muafi or revenue free.	Total of not assessed.	Culturable.	Abandoned.	Irrigated.	Cultivated-		TOTAL.	Manured.	Irrigated.	Zabti.	Paikasht.	I.	II.	III.	IV.	
													Sailabi.											Barani.
4	MYRAH.	Former ...	...	...	...	18,507	9,101	201	9,302	785	386	7,362	...	672	8,034	8,420	12	87	7	16	7	56	9	28
		Present ...	9	2	11	18,904	6,858	145	7,003	2,740	217	8,493	...	451	8,944	9,161	12	95	9	41	14	55	8	23
		Difference,	...	..	...	+ 397	-2,243	-56	-2,299	+1,955	-169	+ 1,131	...	-221	+ 910	+741	...	+ 8	+ 2	+ 25	+ 7	-1	-1	-5

Assessment Circle of Myrah.—(Continued.)

Serial Number.	Name of Chakla or Assessment Circle.	Former and present status compared.	CAPABILITIES CONSIDERED IN DIFFERENT ASPECTS.															(SECTION III.) SUMMARY AND LAST SETTLEMENT JAMA COMPARED.								
			PLOUGHS AND CATTLE.			POPULATION.		WELL.		WATER CAPACITY.					Capac-ity for expan-sion.		Summary Settlement Jama of 1907-10.	Revenue Rate Jama of last Settlement.	Jama of last Settlement as in old No. II. Village Statement.	Jama of last Settlement as in No. II. subse-quentlly reduced in S. 1915.	Percentage of reduction on Summary Settle-ment.	Of Summary Settlement Jama	Of last Settlement Jama.			
			Number of Ploughs.	No. of entire head of cattle.	Plough.	Cultivator.	Number of	Per square mile of cultivation.	In use.		Out of use.	Average rain-fall (in inches.)	Average depth of wells (in feet.)	Cost of wells.	No. of oxen required.	Area one well can irrigate.	Percentage of area uncultivated.	Head of cattle per area uncultivat-ed.	10,110	9,635	9,390	9,390	...	1 3 2	1 1 10	
									Old.	New.																Water from wells.
		Former ...	652	3,439	13	...	4,855	373	163	...	13	...	...	...	...	...	53	...	...	10,110	9,635	9,390	9,390	...	1 3 2	1 1 10
		Present ...	832	3,418	11	15	4,963	347	155	15	17	...	27	200	7	35	50	...	...	...	...	...	7	1 1 8	1 1 9	
		Difference,	+ 180	-21	-2	...	+ 108	...	-8	15	+ 4	...	...	...	...	...	-3	...	...	...	...	...	...	...	...	



*Assessment Circle of Myrah.—(continued).*

Serial Number.	Name of Chakla or Assessment Circle.	Former and present status compared.	49	50	51	52	53	54	55	56	57	58	59	
			(SECTION IV.) PROPOSED JAMA WORKED OUT FROM RATES AND ESTIMATES.											
			RATES ADOPTED IN ASSESSMENT.					ESTIMATES ADOPTED.				Present jama of Sambat 1923, with rate on cultivated area.	New jama finally fixed, with rates on cultivated area.	
			On Ploughs.	Irrigated.	Unirrigated.		Abandoned.	Of Extra Assistant Settlement Commissioner.	On ploughs.	On produce @ one sixth of gross produce.	As per new Revenue Rates.			
Sailábi.	Baráni.													
4	MYRAH.	Former	...	16	1 4 0	...	0 8 0	0 4 0		9,885				
		Present	...	9	14 0 0	...	0 10 0	0 4 0	7,520	7,488	11,255	8,024	8,973	8,867
		Difference	...										0-15-8	0-15-6

REMARKS BY ASSISTANT SETTLEMENT OFFICER.

ASSESSMENT.—There is no increase of cultivation here, but there is room for expansion, about 30 per cent; the term of settlement has been very short, and the proprietors require more respite; the present jama is Rs. 8,973, which falls at 1 rupee an acre on the total cultivation; this is not light, and rates require to be equalized in some villages. I see no prospect of increase, nor do I think it is required.

*General Abstract of Area, Resources, Jama and Rates in the Assessment Circle of Kallar, Pargannah Wazirabad, District of Gujranwala.*

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Serial Number.	Name of Chakla or Assessment Circle.	Former and present status compared.	NUMBER OF MEHALS.			(SECTION I.) AREA AS ARRANGED FOR ASSESSMENT IN ACRES.											(SECTION II.) RESOURCES AND							
			Khalsa and (shared).	Jagir.	TOTAL.	Total area.	MINHAI (OR NOT ASSESSED).			MALGUZARI (OR ASSESSED.)						Total of cultivated and abandoned.	PERCENTAGE OF AREA.				Percentage of produce (arranged in classes; see produce table for detail.)			
							Waste.	Muafi or revenue free.	Total of not assessed.	Culturable.	Abandoned.	Irrigated.	Cultivated.		TOTAL.		Manured.	Irrigated.	Zabti.	Paikash.	I.	II.	II.	IV.
													Sailabi.	Unirriagated.										
5	KALLAR	Former ...	...	...	...	54,714	32,305	2,029	34,334	3,884	1,735	13,634	...	1,127	14,761	16,496	16	83	7	19	9	64	14	13
		Present ...	38	3	41	56,057	31,672	1,271	32,943	4,222	918	16,451	...	1,523	17,974	18,892	10	84	10	10	14	68	9	9
		Difference,	...	...	..	+1,343	-633	-758	-1,391	+338	-817	+2,817	...	+396	+3,213	+2,396	-6	1	+3	-9	+5	+4	-5	-4



*Assessment Circle of Kallay:—(Continued.)*

Serial Number.		Name of Chakla or Assessment Circle.	
KALLAR.		Name of Chakla or Assessment Circle.	
Former and present status compared.			
Former ...	1,394	Number of ploughs.	
Present ...	2,018	No. of entire head of cattle.	
Difference,	+ 624	Plough.	
	+ 2,870	Cultivator.	
	- 2,710	Number of	
	...	Per square mile of cultivation.	
	- 17	Old.	
	54	New.	
	9	Out of use.	
	...	Average rain-fall (in inches.	
	...	Average depth of wells (in feet.)	
	...	Cost of wells.	
	...	No. of oxen required.	
	...	Area one well can irrigate.	
	...	Per-centage of area uncultivated.	
	...	Head of cattle per area uncultivated.	
Summary Settlement Jama of 1907-10.		22,002	
Revenue Rate Jama of last Settlement.		18,040	
Jama of last Settlement as in old No. II. Village Statement.		19,708	
Jama of last Settlement as in No. II. subsequently reduced in S. 1915.		19,195	
Per-centage of reduction on Summary Settlement.		13	
Of Summary Settlement Jama.		1-5-4	
Of last Settlement Jama.		1-2-7	
		1-0-3	

# Assessment Circle of Kallar.--(Continued.)

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Serial Number.	Name of Chakla or Assessment Circle.	Former and present statements compared.	RATES ADOPTED IN ASSESSMENT.										ESTIMATES ADOPTED.					Present jama of Sambat 1923, with rate on cultivated area.	New jama finally fixed, with rates on cultivated area.			
			On Ploughs.	On cultivated area.			Abandoned.	Of Extra Assistant Settlement Commissioner.	On ploughs.	On produce @ one sixth of gross produce.	As per new Revenue Rates.	Present jama of Sambat 1923, with rate on cultivated area.	New jama finally fixed, with rates on cultivated area.									
				Irrigated.	Unirrigated.																	
					Sailabi.	Barani.																
49.	50.	51.	52.	53.	54.	55.	56.	57.	58.	59.	(SECTION IV.) PROPOSED JAMA WORKED OUT FROM RATES AND ESTIMATES.											
KALLAR.	...	16	1 4 0	...	0 8 0	0 4 0	19,336	20,180	26,362	17,014	20,654			19,452	1-1-6	I-0-6						
	...	10	13 0 0	...	0 10 0	0 4 0	19,336	20,180	26,362	17,014	20,654	19,452										
	...																					

## REMARKS BY ASSISTANT SETTLEMENT OFFICERS

ASSESSMENT.—The cultivation would appear to have extended since last settlement, but when the cultivation existing at the time of professional survey is looked to it will be seen that this tract has not even worked up to that, so that no real increase can be claimed. In this Chak Mr. Morris gave a reduction on the summary jama of 10 per cent, and 4 years afterwards nearly 3 per cent was again given; the jama is still high, and the rates in villages vary considerably; complaints are very frequent; great consideration is I think necessary in a tract where the expense of cultivation is so great and profits very small. I see no hopes of obtaining any increase; here and there reduction must be given; but the present jama, 20,654 rupees, agrees with the plough estimate and also produce jama, I think if the future jama stands about 5 per cent below this, it will give the relief necessary in individual estates.



ASSESSMENT PORTFOLIO,  
TAHSIL HAFIZABAD.

FORM No. IV.

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ABSTRACT OF "VILLAGE NOTE-BOOK"

CONTAINING

REPORT ON THE ASSESSMENT

OF

CHAKLA KHADIR.

PARGANAH HAFIZABAD.

DISTRICT GUJRANWALA.

---

1866-67.

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(REVISED SETTLEMENT.)



NO. IV.—Abstract of "Village Note-Book," containing Assessment Report of Chakla Khadir, Parganah Hafizabad, District of Gujranwala.

FORMER AND PRESENT STATUS COMPARED.	NUMBER OF MEHALS, (or <i>Estates</i> .)			(SECTION I.) AREA AS ARRANGED FOR ASSESSMENT ( <i>in acres</i> .)											(SECTION II.) RESOURCES			
	Khalsa or Govt., and "shared."	Jagir, or assigned.	TOTAL.	TOTAL AREA.	MINHAL. (OR NOT ASSESSED.)			MALGUZARI (OR ASSESSED.)							PER-CENTAGES OF AREA AND PRODUCE.			
					Waste.	Musfi or Revenue free.	Total not assessed.	Culturable.	Abandoned.	Irrigated.	Cultivated.			Total of cultivated and abandoned (i. e. assessed.)	Per-centage of area cultivated of	Former Settlement.	New Settlement.	
											Sailabi.	Barani.	Total.					Total cultiva- ted.
1	2	3	4	5														
Professional Survey,				95,901	39,737	...	39,737	8,972	3,685	...	...	...	...	43,507	47,192	(1) Area. Area manured ...	P. C. 2	P. C. 3
Settlement Survey A. D. 1854, ...				96,218	23,034	2,385	25,419	29,411	9,074	17,136	12,776	2,402	15,178	32,314	41,388	„ irrigated ...	48	53
Area given in Yearly Paper for A. D. 1865-66.				96,600	20,530	1,722	22,252	29,498	3,465	23,453	15,836	2,096	17,932	41,385	44,850	„ under " zabti" } or best crops ... }	2	2
New Measurement,	106	3	109	97,739	17,201	1,515	18,716	33,167	4,691	23,412	14,812	2,941	17,753	41,165	45,856	„ under " paikasht," or non-resident tenant lands ...	18	9
																(2) Produce. Arranged in classes, See " Produce Table"		
																„ of I. class value,	12	12
																„ II. ditto ...	70	73
																„ III. ditto ...	14	12
																„ IV. ditto ...	4	3