	ent		50	51	52	53	54	55	56	57	58	59	60
	Assessment		(SECTION I	V.) PI	ROPOSED J	AMA WOR	KED OU	T FROM	RATES	AND EST	TIMATES	
	or Ass			RATES ADOI	PTED I	N ASSESSME	NT.	E	STIMATES	ADOPTE	D.	of with ated	e il
or,		Former and present state- ment compared,		On oul	tivated	l area.		Assis- ment, mer.		gross	Reve-	jama 1923 w cultiva	finally rates on area.
dmb	Chakla		gas.		Un	irrigated.	ed.	ttra Assis-Settlement, missioner.	.ip	(0)	ew R		jama with
Serical Number	Name of Circle.		Plougas.	Irrigated.	ailábi,	áni,	Abandoned	f Extra Assitant tant Settlemen Commissioner.	plough.	On produce sixth of produce.	s per new B nue Rates.	Present Sambat rate on area.	ed j
Seri	Nan	and the second second	On	Imig	Sail	Baráni,	Aba	Of tai	On]	On J si pi	As I	Pres Ra an	New fix
	ARRI L.			I. 2 8 II. 1 8	::	0 12 0 0 12 0	0 8 0 0 8 0						
2	Снавкнав Менас.	Former Present	1000	III. 1 4 18 0		0 8 0 0 13 0	0 8 0 0 4 0	1,14,398	1,12,680	1,12,973 1,41,505	1.13,823	1,12,255	1,11,440
	HAR ME											1-2-0	
ed a	Ö	Difference											

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 year 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.

2	3	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
-	•	NUM ME	HAI		(SE	CTION	I.) AI	REA AS	SARRA	NGED	FOR A	SSE	SSMENT	IN ACR	ES.	(SE	CTI	ION	II.)	RESC	URC	CES	ANI
					100		AI (OR			Ŋ	IALGUZA	RI (OR ASSES	SED.)				\$ °7		David			
circle.												Cui	ltivated.			PEI	RCEN	REA.		Perce duce classe	(ar	range e pre	ed in
ESTRECT TO	Former and present state- ment com-												irriga- ted.	ls	abandoned.				_	table	jer	aeta	(.)
Name of Chakla or assessment	pared.	Khalsa and (shared.)	Jagir.	TOTAL.	Total area.	Waste.	Muafi or revenue free.	Total of not assessed.	Culturable.	Abandoned.	Irrigated.	Sailábi.	Baráni.	Тотаг.	Total of cultivated and aba	Manured.	Irrigated.	Zabti.	Paikásht.	T.	II.	III.	IV.
NGAR.	Former Present	90	27		1,10,428 1,12,127			M. Activi	25,364 23,273	Land Street			9,442	51,410	59,000	14	83	8	17		54 62	11	24
BA	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		-4	-7

Assessment Circle of Bangar. - (Continued.)

		27	28	29	30	31	32	33	34	35		36 3	37 3	38 3	39 40 41	141	42	43	44	45	46	47	48	49
			CAPAB	ILI	TIE	CAPABILITIES CONSIDERE	DER		D IN DIFFERENT ASPECTS.	IFF	ER	ENJ	LAS	PE	CI	tió		(SECTION	10.1	III.) SUMMARY MENT JAMA C	ON	Y AND LAST	· .	SETTLE.
.9		Рьоген	PLOUGHS AND CATTLE.	ZAT	FLE.	POPULATION	TON.		WELLS	100		WA	WATER CAPA- CITX,	ER CA	PA	Cap ity exp sio	Capac- ity for expan- sion,		•3u	II ,oN bi	ently re-	ral Settle-	RATES ON CULTIVATION.	RATES ON ULTIVATIO
torio a	Former and			A	Aver-			In	In use.	Section 15		1	Water from reells.	ter fr	mo	ted.	-JaviJl	.7061 î	etileme	o ui i	nbəsqn	Rumms	"	i Y
Name of Chakla or Assessmen	pared.	Number of	No. of entire head of cattle.	Plough.	Cultivator.	Number of	Per square mile of cultivation	OIQ.	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 uncultiva	Head of cattle per area uncu	Summary Settlement Jama o	Revenue Rate Jama of last Se	Jama of last Settlement as Village Statement.	Jama of last Settlement s duced in S. 1915.	Per-centage of reduction on ment	Of Summary Settlement Jama	Of last Settlement Jama.
	Former	3,841	23,869 151	151	"	Q42,550	463	116	:		158		1			43	-100	67,401	69,537	59,651	59,167	12	1-2-3	1.0.2
NGVE.	Present	6,074	33,839	=		80,420	485	974	4 70		337		30 250		635	537	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	-11000m				4.15		
va	Difference,	+ 2,233	+2,233 +9,970	1 1 1	<u>:</u>	+ 7,870 + 22	+ 22	1 +	63 + 70	0 + 179	162	+ :	Gly -		1 :	1 9	:					0		

	ent		50	. 61	52	53	54	55	56	57	58	59	60
	Assessment					OPOSED JA		100 2008		N. 10	1900		165
	a or	Former and present state- ment compared.	R			ASSESSMEN	T.	10 to 10 to 10 to	TIMATES	ADOPTEI).	with vated	finally rates on area.
mber.	Chakla	ment compared.	is.	On Cu	ltivated Unir	rigated.	d.	xtra Assis-Settlement nissioner.		ce@one- of gross e.	w Reve-	Jama of 1923 with cultivated	and .
Serial Number.	Name of Circle.		On Ploughs.	Irrigated.	Salábi.	Baráni.	Abandoned.	Of Extra Assitant Settlemer.	On plough	On produce sixth of produce.	As per new I nue Rates.	Present Sambat rate on area.	New Jama fixed, with cultivated
3	BANGAR.	Former Present	10 0 0	1 8 0 16 0 0		0 8 0 0 13 0	0 4 0 0 4 0	59,480	60,740	70,567 88,554	70,085	58,732 0-13-7	100
	BA	Difference											

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 Jadíd.

General Abstract of Area, Resources, Jama and Rates in the Assessment Circle of "Myrah," 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
		112=2		BER	2015/04/2016	(SEC	CTION	L) AR	EA AS	ARRA	NGED	FOR AS	SESS	MENT 1	N ACRE	es.	(SE	CTIC	i NC	I.) R	ESO	URC	ES
							MIN	NHAI, (OR SED.)		М	ALGUZA	RI, (0	R ASSESS	ED.)						Por-c	centa	ge of	pro-
	Circle.										H.		Culti	vated.	- 1244	÷			NTA REA	GE	duce classe	(arr	e pro	d in duce
		Former and present state-												rriga- ed.		abandoned.		-		_				_
Number	Name of Chakla or Assessment	ment compa- red.	Khalsa and (shared.)	Jagir.	TOTAL.	Total area.	Waste,	Muáfi, or revenue free.	Total of not assessed.	•Culturable.	Abandoned.	Irrigated.	Sailábi.	Baráni.	TOTAL.	Total of cultivated and aba	Manured.	Irrigated.	Zabti.	Páikásht.	I.	II.	ш.	IV.
4	MYRAH.	Former	8	44	52		15,804 15,046			14,595 14,112		14,679 16,431		4,313 6,583					7 10	22 40	6			To The
-	MY	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	<u>-9</u>

My	YRAH.	Name of Chakla or Assessmen	nt Circl	e.		
Difference,	Former Present	present state- ment com- pared.	Former and			
+790	1,296 2,086	Number of		PLOUGI	AND C	27
+ 3,889	9,292 171	No. of entire head of cattle.		Ploughs and Cattle.	APABIL	28
	171	Plough.	A	AT.	LEL	29
-6	: 2	Cultivator.	Aver- age per	CLE.	ES	30
+2,287 +25+19	13,455 15,742	Number of		POPULATION	AND CAPABILITIES CONSIDERED	31 /
+ 25	384 409	Per square mile of cultivation	n.	TON.	RE	32
+ 19	305 324	Old.	In	1	O IN	93
27	27	New.	In use.	WELLS.	DIE	34
		Out of use.		'n.	EE	35
+ 79	77	Average rain-fall (in inches.)		REI	36
1	40	Average depth of wells (in feet.)	Wa	WATER CAPA- CITY.	IN DIFFERENT ASPECTS	37
:	250	Cost of wells.	Water from wells.	ER CA	SPE	38
	8 :	No. of oxen required.	rom.	APA.	CIS	39 40
+		Area one well can irrigate.		Landa and the		104
<u>.</u>	53 .	Per-centage of area uncultiv		Capa- city for expan- sion.		1 42
:	<u> </u>	Head of cattle per area uncult	ivated.	l. bol		1 2
	22,714	Summary Settlement Jama	of 1907		SECTION	43
	22,607	Revenue Rate jama of last S	ettleme	ent.		44
	19,594	Jama of last Settlement as Village Statement.	s in ol	d No. II.	III.) SUMMARY MENT JAMA C	45
	18,938	Jama of last Settlement duced in S. 1915.		uently re-		46
	20	Per-centage of reduction on ment.	Summ	ary Settle-	AND I	47
9	1-0-2	Of last Settlement Jama.		RATES ON TIVATIO	H	48
NA WAR	0-13-11	Of Summary Settlement Jan	na.	TES ON CUL-	SETTLE	49

			50	° 51	52	53	54	55	56	57	58	59	60
•			(SE	ECTION I	V) PRO	POSED JA	MA WORL	KED OUT	FROM	RATES	AND ES	TIMATE	S. o
. 6	Circle.		R	ATES ADOI	PTED IN	ASSESSMEN	т.	Es	TIMATE .	ADOPTED.		with	rates
	Assessment			On out	ltivated	area.		ment		h of		1923, w	with
		Former and present settle- ment compared.			Uni	rrigated		Settle		one-sixth	le Rates.		fixed,
ber.	Chakla or							Assistant Settlement ssioner.			Revenue	ma of Sambat cultivated area	jama finally fi cultivated area,
Serial Number.	Name of Cl		ploughs.	Irrigated.	.bi.	mi.	Abandoned.	Extra A	plough.	n produce @ gross produce.	per new	t ja	jama cultiv
Serie	Nam		I uo	Irrig	Sailábi.	Baráni.	Aban	Of E	0n l	On	As p	Presen	New
4	MYRAH.	Former,		1-5-4		0-8-0	0-4-0			23,089			
	1	Present,	8-0-0	15-0-0		0-9-0	0-4-0	19,302	16,688	27,686	18,758	19,064 0-12-0	19,313 0-12-5
•		Difference,					•						

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 Gujranwála.

2	3	5	6	7.	8.	9	10	11	12 •	13	14	15	16	17	18	19	20	21	22	23	24	25	26
•		RECOUNTRY.	МВЕ ЕНА	The second second	(8	SECTIO:	N I.)	AREA A	S ARRA	NGED	FOR AS	SE	SSME	T IN AC	RES.	(8)	ECT	ION I	I.) R	ESO	URC	ES	&
						MINH	AI (OR ESSED			M.	ALGUZAR	1 (0	OR ASS	essed.)	•						-cent		
Circle.							•					Cul	tivated	.	d.	P		ENTA		rang ses; s	see p	n ci	las
	Former and present state-											Un	irriga- ted.		abandoned.	_		, ,	_	table	jora	eta L 1	
of Chakla or Assessment	ment compared.	and (shared.)		r.	area.		r revenue free.	not assessed.	ole,	.ped.					Total of cultivated and abs					f r	п.	III.	AV
Name of		Khalsa	Jagir.	TOTA	Total ar	Waste.	Muáfi, or	Total of	Culturable.	Abandoned	Irrigated,	Sailábi.	Baráni.	TOTAL	Total of	Manured.	Irrigated.	Zabti.	Paikásht.				
NG •	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	3
ADJOINING BAR.	Present	11	64	75	1,00,613	15,928	2,994	18,922	43,915	2,914	30,920	Ð	3,944	34,864	37,776	10	59	9	3	14	60	10	1
AD.	Difference				+1,624	-15,595	-68	-15,663	+10,732	-2,791	+14,261	2	-4,913	+ 9,346	+ 6,555	- <u>1</u>	-6	+4	-4	+ 5	+16	-6	-1

	ET		Serial Number.				
	JOINING BAR.	3	Name of Chakla or Assessm	ent Cir	rcle.	9	
Difference, +1,613	Present	Former	Former and present statem	ent con	npared.		
+ 1,613	3,166	1,553	Number of		PLOUGH	CAPAB	27
+7,453—8	19,708	12.255	Number of entire head of ca		PLOUGHS AND CATTLE	ILITIES	28
6 1	12	20	Plough.	An	LLY	0	29
:		2	Cultivator.	Aver- age per		ONS	30
+4,204	24,133	19.929	Number of		Population	CAPABILITIES CONSIDERED	31
+ 9	416	407	Per square mile of cultivation	n.	ION.	IN	32
+ 15	352	337	Old.	In use.	-	DIFFERENT	33
50	50		New.	se.	WELLS	ER	34
+ 221	323	102	Out of use.		5,	ENT	35
			Average rain-fall (in inches)	the state of the s	#	AS	36
:	55		Average depth of wells (in feet).	Wa	WATER CAPA- CITY.	ASPECTS.	37
:	400		Cost of wells.	Water from wells.	ER CA	rs.	38
:	9 ::		No. of oxen required,	rom	PA-		39 40
14	55 58	65	Area one well can irrigate. Percentage of area uncultive		Later comments of the Control		04
:	oc (Head of cattle per area cultivated.		Capa- city for expan- sion.	Append	1 42
		27 185	Summary Settlement Jama o	of S. 190	07.	(SECT)	43
		24.596	Revenue Rate Jama of last	Settlem	ent.	ON III.	44
		20.636	Jama of last Settlement a Village Statement.	is in ol	d No. II.	SECTION III.) SUMMARY AND LAS MENT JAMA COMPARED.	46
		90 504	Jama of last Settlement a duced in S. 1915.	subsequ	ently re-	ARY A A COM	46
, in the s		25	Percentage of reduction on ment.	Summa	ary Settle-	ND I	47
	Committee of the Commit	0-13-11	Of Summary Settlement Jan	ıa.	RATES ON C	LAST SETTLE-	48
	910	0.10.8	Of last Settlement Jama.		ON CUL	TTLE-	49

	Assessment		-	50	51	52	53	54	55	56	57	58	59	60
	sessi			(8)	ECTION I	V.) PR	OPOSED JA	AMA WO	RKED OU'	FROM	RATES A	ND ES	TIMATES	
	or As	Former and magaint at		R.	ATES ADOP	TED IN	ASSESSMEN	T.	Es	STIMATES	ADOPTE	D,	of rith red	ally
H.		Former and present sta ment compared.	ate-		On cult	tivated	area.		Assis- ment,		gross	Reve-	jama of 1923, with cultivated	finally rates on area.
nmpe	Chakla	A CONTRACTOR OF THE PERSON OF		gHs.		Unir	rigated.	ed.	ctra Assis- Settlement, missioner.	rt.		new R Rates.	The second secon	ama vith
Serial Number.	Name of Circle.			On PlougHs.	Irrigated	Sailábi,	Baráni.	Abandoned.	Of Extra Assitant Settlemen Commissioner.	On plough.	On produce sixth of produce.	As per ne nue Ra	Present Sambat rate on area.	New jama fixed, with
	R.	Former	.9,	100	1 2 0		0 8 0	0 4 0		i i	29,079			
	BAR.	Present	3	800	10 0 0		080	0 4 0	22,151	25,328	42,700	22,180	20,627	23,52
5	ADJOINING											84	0-8-10	.0-10-
	ADJ	Difference												

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 1th it is excessive in a tract where much land is left fallow every year, about 1th, 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 assessment 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; baráni, 8 annas; abandoned, 4 annas; and on ploughs, 8 rupees.

ASSESSMENT PORTFOLIO,

TAHSIL WAZIRABAD.

FORM No. IV.

ABSTRACT OF "VILLAGE NOTE-BOOK"

CONTAINING

REPORT ON THE ASSESSMENT

OF

CHAKLA KHADIR.
PARGANAH WAZIRABAD.
DISTRICT GUJRANWALA.

1866-67.

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

	Nux	BER	OF		(SECT	ION I) ARE	A AS	ARRA	GED F	OR ASS	ESSME	ent (in	acres.)	(SECTION II.) RESO	URC	ES
		EHA!				IINHA			1	MALGU	ZARI	(OR	ASSESSI	ED.)		PER-CENTAGES OF AL PRODUCE.	REA A	ND
FORMER AND	vt.,	ed.					1000					ltivate			ed ed L)		ent.	٠,
PRESENT STATUS COMPARED.	r Go ared.	ssigne		E.A.,	۵	Revenue	assess					UNIRR GATEI	The second secon	cultiva-	of cultivated abandoned . assessed.)	Per-centage of area	ttlem	Settlement,
COMPARED.	Khalsa on and "sh	Jagír, or assigned.	TOTAL.	TOTAL AREA	Waste.	Muáfi or free.	Total not asssssed.	Culturable.	Abandoned.	Irrigated.	Sailábi.	Baráni.	Total.		Total of cand aba	cultivated of	Former Settlement.	New Settle
1	2	3	4	5	0											(1) Area.	P.C.	P.C.
Professional Survey,				68,772	28,699		28,699	11,538	1,601	***				26,934	28,535	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 o	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 " páikásht,' or non-resident tenant lands	10	34
										Tag.						(2) Produce. Arranged in classes, See "Produce Table"		
						er .										" of I. class value,	8	18
																" II. ditto	68	65
										4.5	•					" III. ditto	17	11
						0										" IV. ditto	7	6

AND CAPABILI		CONSID	ERED IN DIFFERENT		(SECTIONS III & IV	V.) SUMMARY AND LAST SI WORKED OUT FROM RATE	STTLEME ES AND	NT COMP	ARED ES.	
PLOUGHS, CATTLE, AND WEI		ATION	PRESENT AND FUT CAPABILITIES.	URE			deduced	as-	reduc-	(SECTION V.)
Number of	Former Settlement	New Settlement.	Examined in different ways.	New Settlement.	Detail of esti- mates adopted here compared.	Rates worked out on ploughs, wells and area arranged accord- ing to soils.	Jama amount ded therefrom.	Rate of same on sessed area.	Per-centage of rection.	FINANCIAL RESULTS CONSIDERED.
Ploughs { Taxable, Revenue free,	2,210 355		(1) Water capacity. • Average rain-1 fall in inches,)	25	(As Adopted at Tahsildar's Es-) timate,)	last Settlement (A. D. 1854.)	Rs.	R.A.P.	P.C.	Rs. Present Jama,
Head of eattle,	12,679		Average depth of Wells in feet }	15	Well Estimate	@ Rs. per well				FOR FEES:—
opulation,	26.994	19.819	Cost of Wells Rs	150	Plough Estimate,	@ Rs. per Plough,		•		" for headmen, 814 " " Chaudris, 384
					Produce Estimate,	Unirrigated 20,835 Water tax 7,854	28,689	1-2-11	••	,, ,, Chaudris, 304
Population per square mile of cultivation,	712	433	Yoke of oxen required per well,	4	Soil Rate Jama,					Tomal, 33,714

	xable,	407	408	irrig			15	Revenue Rate	As per rates bel	low,	38,261	1-9-3		Deduct actual Decrease, 2,298
"(old) { Re	v.free,	155	122	(2) Ca	pacity for			Summary Set- tlement Jama 1852			32,355	1-2-1		Fees for Headmen @ 1 p. c.=302 3,496
,(new) { Ta	xable,		54		ntage of unculti-			Regular Set. Jama 1854,			31,086	1-4-6	•	36 acres } culti-
	v. free,		7		Vaste,	45	40	Reduced Set. Jama 1859,			30,061	1-3-10	7	554 acres "Ban- jar" =476 1 p. c. Chaudris, 384
Wells Tar	xable,	124	76	" ('ulturable	, 15	16	Plough Estimate,	(As now adopt @ 12 Rs. per ple	ted.) ough,	36,204	1-3-11		New Jama, 30,218
	v. free.				of cat-	60	56	Produce Esti- mate	Unirrigated, 27 Water tax, 7	7,436	35,290	1-3-5		Fitness for Permt. Set. Estates. Jama. Fully cultivated, , ,
				tle pe	er uncul-			Tahsildar's Esti- mate,						Fairly ditto, 7 3,990 •
	REVE	ENUE I	RATE	FIX	ED.			E. A. Commr.'s Estimate,	0 - 20		30,304	1-0-8		Not fully ditto, 55 26,228 . TOTAL, 62 30,218
	No. of villages	Cháh	í. oi	ailabi r 1st class arren.	Bárání.	Late aba done	n-	New Rates	For Rate see Pargana Map Unirri ed, 24 Water	4.713	32,567	1-1-11		Rs. 30,218 2. Progres-) after 5 years 50
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		sive Increase after 10 years 1,892
				1-0-0	1-0-0	0-8	•	Proposed new Jama,			30,218	1-0-7		32,090
Fixed now,	62	17 p	er w	ell.	0-14-0	0-8	-0		• Decr	rease,	414	or	$1\frac{1}{3}$	3. Permanent,

.

•

Condition.—This Chak is 30 miles long, and for the whole distance fronts the river Chenab; the average breadth is about 4½ miles, and it represents nearly one-fourth of the entire area of Tahsil Wazırabad. The land in the Chak is mostly sailabi of an inferior quality. Eastward from the town of Wazırabad Gowards 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. Sohdara, Talwara, Rana and Behram, much good wheat is grown. The Bela land in the neighbourhood of Wazırabad 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 Ramnaggar 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 Naggar 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 Jagír; only one of these (Faquíránwáli) 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 Hafizábád border.

R. P. NISBET,

FORM No. IV.

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ABSTRACT OF "VILLAGE NOTE-BOOK"

CONTAINING

REPORT ON THE ASSESSMENT

OF

CHAKLA CHARKHARRI MEHAL, PARGANAH WAZIRABAD, DISTRICT GUJRANWALA.

1866-67.

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

	NU	MBE	R		(SECT	ICN I	.) ARI	EA AS A	BRANC	ED FO	R AS	SSESSMI	ENT (in	acres.)		(SECTION II.) RESOU	TR CI	es,
	MEI (or E	IAL				IINHA not asse			M	ALGU	ZAR	I (OR	ASSESSI	ED.)		PER-CENTAGES OF ARE. PRODUCE.	A AN	D
FORMER AND	r.;	ed.		•		nue	assess-		•		Cu	ltiv	a t e d		cultiva- abandon- assessed)		Settle-	int.
PRESENT STATUS	a or Govt "shared.	ssign	1	AREA.		Revenue	ACCUPATION OF THE STATE OF		d.		UN	IRRIGA	TED.	culti-	cultiva- abandon- assessed)	Per-centages of area cul-	Set	Settlement
COMPARED.	Khalsa or and "sh	Jagír, or assigned.	TOTAL.	Total af	Waste.	Muáfi, or free.	Total not ed.	Culturable	Abandoned.	Irrigated.	Sailábi.	Báráni.	Total.	Total cu vated.	Total of ted and a ed (i. e.,	tivated of	Former ment.	New Sett
1	2		4	5									AT.			(1) Area.	P,C	
Professional Survey,				1,01,282	20,166	•	20,166	20,488	1,004					59,629	60,633	Area manured	22	25
Settlement Survey A. D. 1854,	111	3 1	14	1,01,762	30,289	7,746	38,035	12,262	1,526	48,163	193	1,583	1,776	49,939	51,465	,, irrigated,	94	93
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	", under "zabti" or best crops, }	10	12
New Measurement,	111	3 1	14	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 " páikásht," or non-resident tenant lands,	23	38
										= 4=				30		(2) Produce. Arranged in classes. See "Produce Table."		
			İ													" of I. class value, "	12	17
								9.8		1						"II. ditto, …	67	69
										•						" III. ditto	12	
												•				,, IV. ditto,	9	

AND CAPABIL	11111	ASPECT		LENT	•	(SECTIONS III & PARED WITH NEW JA	IV) SUMMARY AND L. MA WORKED OUT FROM	AST SETTI RATES AN	EMENT O	COM-	(SECTION V.)
PLOUGES, CATTI		ULA-	PRESENT AND		RE		. 1	nc-	as-	reduc-	
Number of	Former Settle- ment.	New Settlement.	Examined in different ways.	Former Settle- ment.	New Settlement.	Detail of esti- mates adopted here compared.	Rates worked out on ploughs, wells and area arrang- ed according to soils.	Jama amount deduced therefrom.	Rate of same on sessed area.	Per-centage of red tion.	FINANCIAL RESULTS CONSIDERED.
(Taxable	5.175	7 088	(I) Water Capacity.			(As Adopted at a D. 1854.)	last Settlement 4.	Rs,	R.A.P	P.C.	Bs.
Ploughs, Revenue free			Average rain-} fall (in inches.)		25	Tahsildar's Es-					Present Jama 91,609 Add actual increase 2,062
Head of cattle,	28,016	39,501	Average depth) of Wells in feet,	26	27	Well Estimate,	@ Rs. per well,		2.00		For Fees :-
			Cost of Wells Rs.,		200		@ Rs. per Plough,				" for Headmen, 1,968 " " Chaudrís, 1,315
Population per)			Yoke of oxen)			Produce Estimate	Unirrigated 57,073 \ Water tax 31,340	88,413	1-11-6		TOTAL 96,954
square mile of cultivation,	647	702	required per }		5	Soil Rate Jama,					

• Wells in u	se.		•	Area well irrigate in			Revenue Rate Jama,	> las per rates below.	74,340	1-7-1	Deduct actual decrease, 7,076 Fees for Headmen @ 1 p. c. = 867
" (old) { Tax		1,390	1,410	(2) Capac expans			Summary Set- tlement Jama 1850		1,02,259	1-11-0	178 acres culti- vation 267 953 acres "Ban- jar"=834
(110)	-	-10		Percenta area uncu			Regular Set Jama 1854	}	86,386	1-10-10	1 p. c. Chaudris 1,315 10,359
, (new) {	able,		157 14	ted, " Was) te,	29	Reduced • Set 23 Jama 1859	}	83,864	1-10-1	등은 하는 다른 사람이 아들 것이 보면 하는 것 같아. 나를 가게 되었다.
Wells (Taxa		81	63	" Cult	urable,	12	14 Plough Estima	(As now adopted.) te. @14Rs. per plough		1-10-6	Fitness for Permt. Settlement. Estates. Jama.
out of {	free,	7	5	Total Head of	cattle)	41	Produce Estim	tate $\begin{cases} \text{Unirrigated,} & 71,971 \\ \text{Water tax,} & 31,340 \end{cases}$	1,03,311	1-11-7	Fully cultivated,45. 26,937 Fairly ditto19. 12,696 Not fully ditto, 50. 46,962
				per uncu ted are			Tahsildar's E				Total 114. 86,595 .
R.I	EVE	NUE	RA	TE FI	X E D.		E. A. Commr Estimate,		83,482	1-6-4	
	No. of villages.	Chá		Sailábi or 1st class barren.	Bárání.	Late abar done	i.	For Rates see Pargana Map. Unirrigated, 51,992 Water tax, 31,340	83,332	1-6-3	1. Initial,
Førmer Settlement.		1-8-	0		0-12-0	0-8-	Present Jam of A. D. 1866		91,609	1-8-5	3. Permanent 34,486
		Pa	-			- 94	Proposed nev	71	86,595	1-7-2	
Fixed now.	114	Rs. 20 per	well		0-14-0	0-8	Jama, .	Decrease,	5,014	or 5	p. c.

CONDITION .- This tract forms a continuation of the one of the same name in Tahsil 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 Wazirábad 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,

FORM NO. IV.

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ABSTRACT OF "VILLAGE NOTE-BOOK"

CONTAINING

REPORT ON THE ASSESSMENT

OF

CHAKLA BANGAR,
PARGANNA WAZIRABAD,
DISTRICT GUJRANWALA.

1866-67.

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

	NUM	BER		(S	ECTIC)N I.)	AREA	l AS AI	RRANGI	ED FOR	A	SSESSM	ENT (in	n acres)	(SECTION II.) RESOU	TR C	ES
FORMER AND		Estat				IINHA ot assess			MA	LGUZ	AR	I (OR	ASSESSI			PER-CENTAGES OF ARE, PRODUCE.	A AN	D
PRESENT STATUS	ovt.,	ned.		•		sune	sed.	•			C	ultiv	ated.		ated		ent.	
COMPARED.	or Go shared.'	assigned.		AREA.		Revenue	asses		d.		U	NIRRIG	ATED.	cultiva-	ultiva idone ssed	Per-centages of area culti-	Settlement	ment
	Khalsa cand "sl	Jagir, or	TOTAL.	Total AB	Waste.	Muafi, or free.	Total not assessed.	Culturable.	Abandoned.	Irrigated.	Sailabi.	Barani.	Total.	Total cult ted.	Total of cultivated and abandoned (i. e. assessed)	vated of	Former Se	New Settlement,
. 1	2	3	4	5							_						-	-
Professional Survey				34,239	9,194		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	39,286	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		14,897					17,568	" under "zabti " or best)	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
24.00						•				Sa 1						" II. ditto	54	60
				300 E												"III. ditto,	13	7
															k. 16g	"IV. ditto,	24	19

Assessment Report of Chakla Bangar .- (Continued.)

一种一大,是在一种		ASPEC		1		WITH NEW JAMA	SUMMARY AND LAST WORKED OUT FROM RA	SETTLEME TES AND E	NT COMP.	RED S.	(SECTION V.)
PLOUGHS, CATTLE, AND WEI		ATION	PRESENT AND CAPABILITY		RE		1	peo	ssed	ion.	0
Number of	Former Settlement.	New Settlement.	Examined in different ways.	Former Settlement.	New Settlement.	Detail of esti- mates adopted here compared.	Rates worked out on ploughs, wells and area arranged according to Soils.	Jama amount deduced therefrom.	Rate of same on assessed area.	Per-centage of reduction.	FINANCIAL RESULTS CONSIDERED.
(Taxable	1,031	1,449	(1) Water capacity.			(As Adopted at la D. 1854.)	ast Settlement A.	Rs.	R,P.A	P.C.	0
Ploughs, Revenue free	29	43	Average rain-} fall (in inches,)}	•••	25	Tahsildar's Es- timate,					Present Jama, 16,674 Add actual increase, 1,006
Head of cattle,	7,059	8,616	Average depth of Wells in feet	30		Well Estimate, $\}$	@ Rs. per well,				For Fees :
Population "	9,948		Cost of Wells Rs.,		225	Plough Estimate,	@ Rs. per Plough,			0:	" for Headmen, 327 15 0 " " Chaudris, 323 0 0
Population per)			Yoke of oxen >			Produce Estimate	Unirrigated 13,292 Water tax 4,485	17,777	1-2-7		Total, 18,330 15 0
square mile of cultivation	416	373	required per } well,)		6	Soil, Rate Jama,		•			

Wells in	use.		•	Area wel		30	Revenue rate Jama }	As per rates below }	18,637	1-3-6	Deduct actual decrease, 1,150 Fees for Headmen @
, (old) { Ta	xable,	265	250 22	(2) Capa expan	acity for		Summary Set- tlement Jama 1850,		19,204	0-14-11	1 p. c.=165, 36 acres cultiva- tion 31-2-0 199 acres "Ban-
•	•			Per-cent area unci ted,	ultiva-		Regular Set. Jama 1854,	\$ 1 m	16,895	1-1-8	jar "= 131-13-0, \ l p. c. Chaudris, 323
, (new) {	xable,		49		ste,	26 22	Reduced Set. Jama 1859, }		15,825	1-0-7	집중 하기 그리는 아이를 하지 않아 하셨다면서 살았다면 되었다.
	able,	34	21		turable,	19 14		(As now adopted.) @10Rs.per plough	14,490	0-12-1	Fitness for Permt. Set. Estates. Jama.
out of {	. free,					45 36	Produce Estimate	Unirrigated, 20,124 Water tax, 4,485	24,609	1-4-7	Fully cultivated, 9. 4,473 Fairly ditto, 1. 755 Not fully ditto, 21. 11,302
				ted area,		1	Tahsildar's Esti- mate				TOTAL, 31. 16,530 •
REV	ENU	JE R	ATI	EFIX	E D.		E. A. Commr.'s Estimate		16,762	0-14-0	Re.
	No. of villages.	Cháh	ıi.	Sailábí or Ist class barren.	Barání.	Lately abandoned.	New Rates	For Rates see Pargana Map Unirrigated, 12,830 Water tax,	17,315	0-14-6	1. Initial,
Former								4,485)			
Settlement,		1	-8-0	•••	0-8-0	0-4-0	Present Jama) of A. D. 1866.	•	16,674	0-13-11	17,688
		Rs.			9.4	•	Proposed new Jama	,	16,530	0-13-10	
		15 per v	11		0-11-0	0-4-0		• Decrease	744	or 1 p	

Condition.—This Chak is a continuation of the one of the same name in Tahsíl Gujránwála, 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 Gujránwála 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}{2}\$th of the whole Tahsíl. Estates round Darveshke and Nut Butalah have excellent dosáhi soil, the cotton and sugar-cane in them is very superior. Villages between Dargahiwála and Hárkárn 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 jaghir. The Chak is generally fertile, but some estates are injured by the effloresence 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. MISBET,

FORM No. IV.

ABSTRACT OF "VILLAGE NOTE-BOOK"

CONTAINING

REPORT ON THE ASSESSMENT

OF

CHAKLA MYRAH,
PARGANAH WAZIRABAD,
DISTRICT GUJRANWALA.

1866-67.

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

	NUMB MEH	AL	S,					A As	ARRAN	JED F	R A	SSESSME	NT (in	acres).		(SECTION II.) RESO	URC	ES
FORMER AND	(or Est					INHA	sed.)	<u> </u>	MA	ALGUZ	ARI	(OR AS	SESSED	0.)		PER-CENTAGES OF AR PRODUCE.	EA A	ND
PRESENT STATUS	or Govt., shared."	orassigned		Α.		Reve-	sessed		- Family		Cu	ltiva	ted.		f cultiva- abandon-		Settle-	nt.
COMPARED.	or sha	rass		AREA.		or free.	t as	ole.	ed.		U	NIRRIGA	TED.	culti.	cult ban	Per-centages of area cul-	Set	eme
	Knalsa and	Jagir, o		TOTAL	Waste.	Muâfi, nne fr	Total not assessed	Culturable.	• Abandoned.	Irrigated.	Sailábí.	Bárání.	Total.	00	Total of cultiva- ted and abandon- ed (i. e. a sessed.)	tivated of	Former ment.	New Settlement.
1	2	3	4	5			1.5									(1) Area,	-	$\frac{\sim}{P.C.}$
Professional Survey,				19,061	7,143		7,143	2,571	471					8,876	9,347		12	Aug
Settlement Survey A. D. 1854,				18,507	9,101	201	9,302	785	386	7,362	4	672	672	8,034	8,420	" irrigated, …	87	95
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	"under "zabti" or best } crops, …	7	• 9
New Measurement,		2	11	18,904	6,858	145	7,003	2,740	217	8,493		451	451	8,944	9,161	" under " páikásht," or non-resident tenant lands,	16	41
																(2) Produce. Arranged in classes. See "Produce Table."		
																" of I. class value, …	7	14
	1															" II. ditto,	56	55
												1				" III. ditto,	9	8
		1														" IV. ditto,	28	23

AND CAPABIL	ITIES	CONSI		EREN'	r	(SECTIONS III & IV. WITH NEW JAMA) SUMMARY AND LAST WORKED OUT FROM RA	SETTLEMI ATES AND I	ENT COMI	ARED	(SECTION V.)
PLOUGHS, CATTLE, AND WE		ATION	PRESENT AND CAPABILIT		RE			deduc-	as-	reduc-	•
Number of	Former Settle- ment.	New Settlement.	Examined in different ways.	Former Settle- ment.	New Settlement.	Detail of esti- mates adopted here compared.	Rates worked out on ploughs, wells and area arranged accord- ing to soils.	Jama amount de , ed therefrom.	Rate of same on sessed area.	Per-centage of rection.	FINANCIAL RESULTS.
) Taxable	652	832	(1) Water capacity. Average rain-)	•		A. D.	last Settlement . 1854).	Rs.	R.A.P.	P.C.	Rs. Rs. Present Jama 8,973
Ploughs, Revenue free	5	7	fall (in in- ches,))	 At	25		6 P - 11				Add actual increase 429
lead of cattle,	3,439	3,418		25	27	Well Estimate,	@ Rs. per well,				FOR FEES :-
		- 141 - 141	feet,) Cost of Wells)			mate,)	@Rs. perplough,	•••			" for Headmen, 171- 5-6
opulation, o	4,855	4,963	Rs.,(200	Produce Esti-	Unirrigated 7,505 Water tax 2,380	9,885	1-2-9		" " Chaudrís … 121
opulation per square mile of cultivation,	373	347	Yoke of oxen required per well,		7	Soil Rate Jama,					Total, 9,691- 5-6

• Wells in use	. 1		Area we irrigateir			Revenue Rate Jama,}	As per rates be-	9,635	1-2-4	Deduct actual decrease 535
(old) { Taxab	le, 10	3 158 5 4	(2) Capa expan			Summary Set- tlement Jama 1850,		10,110	1-3-2	Fees for Headmen @ 1 p. c.=89 5 acres culti- vation, 4-13-6 \ 171-5-6
(Rev. fr	ree,		Per-centa	culti-		Regular Set.) Jama 1854,		9,390	1-1-9	124 acres "Ban- jar" = 778
(new) { Taxab		10	, Was)	49	Reduced •Set.) 36 Jama 1859,		9,390	1-1-9	1 p. c. Chaudris, 121 827-5-6
(Rev. f	ree,		" Cult	turable,	4		adopted.) @9 Rs. per plough,	7,488	0-13-1	New Jama, 8,867-0-0
Vell Taxabout of Rev. fr		3 17	Тот	AL	53	50 Produce Esti- mate,}	$\left\{ \begin{matrix} \text{Unirrigated,} \\ 8,875 \\ \text{Water tax,} \\ 2,380 \end{matrix} \right\}$	11,255	1-3-8	Fitness for Permt. Set. Estates. Jama. Fully cultivated 1 516
			Head of per un vated a	culti-}		Tahsildar's Es-	1			Fairly ditto, 2 2,893 Not fully ditto, 8 5,458
			Valeu a			E. A. Commr's Estimate,		7,520	0-13-1	TOTAL, 8,867
	REVENU	JE RAT	E FIXED	•			For Rates see Pargana Map.			Rs.
•	No. of villages.	Cháhí.	Sailábí or 1st class barren.	Báráni.	Late aba done	n-	Unirrigated, 5,644 Water tax, 2,380	8,024	0-14-0	1. Initial,
Former settlement,		1-4-0		0-8-0	0-4-	Present Jama) of A. D. 1866,		8,973	0-15-8	Increase)
ixed now,	11	Rs. 14 p	er well	0-10-0	0-4-	Proposed new Jama,	Decrease	8,867	0-15-6 or 1 p.	9,269 3. Permanent,

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,

FORM No. IV.

ABSTRACT OF "VILLAGE NOTE-BOOK"

CONTAINING

REPORT ON THE ASSESSMENT

OF

CHAKLA KALLAR,
PARGANAH WAZIRABAD,
DISTRICT GUJRANWALA.

1866-67.

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

	NUM			(SECTIO	ON I	AREA	AS AI	RRANG	ED FOI	R A	SSESSMI	ENT (i	n acres)	(SECTION II) RESOL	TRO	ES
		HAI. Estat				INH.			MA	LGUZ	AR	I (OR A	ASSESSI	ED.)		PER-CENTAGES OF AREA DUCE	AND	PRO-
FORMER AND PRESENT STATUS	Govt.,	cned.				enne	ssed.				-	ltiv			ated ned d.)		ment.	nt.
COMPARED.	sharsa or and "share	Jagir, or assigned.	TOTAL.	TOTAL AREA.	Waste.	Muafi or Revenue free.	Total not assessed.	Culturable.	Abandoned.	Irrigated.	Sailabí.	Bárání.	Total.	Total cultiva- ted.	Total of cultivated and abandoned (i. e. assested.)	Per-centages of area cul- tivated of	Former Settlement.	New Settlement.
1	2	3	4	5			7 4					7				(1) Area.	P.C.	P.C.
Professional Survey				56,888	34,033		34,033	2,530	1,125				•••	19,202	20,325	Area manured, •	-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,"		
														10		., of I class value,	9	14
						NE PHILIPPE					Ī					" II. ditto,	64	68
																"III. ditto	14	9
										•		-				"IV. ditto,	13	9

LOUGHS, CATTLE,	POPUL	ATION			RE	WITH NEW JAMA	SUMMARY AND LAST WORKED OUT FROM RA		-	-	« (SECTION V.)
Number of	Former Settlement.	New Settlement.	Examined in different ways.	Former Settlement.	New Settlement.	Detail of esti- mates adopted here compared.	Rates worked out on ploughs, wells and area arrang- ed according to soils.	Jama amount deduced therefrom.	Rate'of same on assessed area.	Per-centage of reduction.	FINANCIAL RESULTS CONSIDERED.
Ploughs, Taxable Revenue free	1,394 136	2,618 101	(1) Water capa: city. Average rain- fall (in inches,)			(As adopted at land) D. 1854.) Tahsildars's Es-) timate,	ist Settlement A.	Rs.	R.A.P.	P.C.	Rs. Present Jama, 20,654 Add actual increase, 688
Head of cattle,	8,520	. 11,390	Average depth of Wells in feet	27	26	Well Estimate,	@ Rs. per well,				FOR FEES:-
Population,			Cost of Wells Rs.,		200	Plough Estimate,	@ Rs. per Plough,			ō	" for Headmen, 375 " " Chaudris, 417
Population per)			Yoke of oxen		8	Produce }	Unirrigated 15,489 \ Water tax 5,551	21,040	1-4-5		Total, 22,134
square mile of cultivation,	638	473	required per well.		7	Soil Rate Juma,			- 52 - 1		

	1	1	•	Area we		V	30	Revenue rate }	As per rates below }	18,040	1-1-6	,	educt actual decrease, 1,890	
Wells in use. ", (old) { Taxab Rev.fr	xable,	390	373	(2) Capa expan	acity for			Summary Set- tlement Jama 1850,	6	22,002	1-1-4	1 69	Fees for Headmen @ 1 p. c.=195 69 acres cultivation, 71 375	
	ev.free,	55		Percent area unci	ultiva- }			Regular Set. }	. 0	19,708	1-3-1		4 acres "Ban- jar" = 109 b. c. Chaudris, 417 2,682	
, (new) {	ev.free.		54	5 , Was	ste, turable,	59	56	Reduced Sett. } Jama 1859, }		19,195	1-2-7	13 N	ew Jama,	
	axable,		45			7	7	Plough Estimate	(As now adopted.) a 10 Rs. p. plough	20,180	1-1-1		Fitness for Permt. Set. Estates. Jama.	
out of tree.	ev.free,		***	Head of cattle per uncultivated area,		66	63	Produce Estimate	Unirrigated, 20,811 Water Tax, 5,551	26,362	1-6-4	F	Fully cultivated	
								Tahsildar's Esti- mate	#			N.		
REVENUE RATE FIXED.								E. A. Commr.'s Estimate		19,336	1-0-4		Rs.	
	No. of villages.	Cháhí	. 1	ailábí or st class barren.	Báráni.	Latel aban done	1-	New Rates	For Rates see Parganah Map. Unirrigated, 11,463 Water Tax,	17,014	0-14-5		1. Initial, 19,452 2. Progres- after 5 years 50 after 10 years 836 after 15 years 300	
Former Settlement,		1-	4-0		0-8-0		4-0	Present Jama) of A. D. 1866.	5,551	20,654	1-1-6		20,638 3. Permanent,	
		Rs.		-				Proposed new	. /	19,452	1-0-6			
rixed now.		ns. 13 per w	rell		0-10-0	0-	4-0	Jama	Decrease	1,202	or 6	р. с.		

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 3rds 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,

FORM No. V.

-0-

ABSTRACT OF "VILLAGE NOTE-BOOK"

CONTAINING

AREA, RESOURCES, JAMA AND RATES

OF

PARGANAH WAZIRABAD.
DISTRICT GUJRANWALA.

1866-67.

(REVISED SETTLEMENT.)

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

2	3 .	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
		NUM ME	BEI	CONTRACTOR OF THE PARTY OF THE	(SE	CTION	I.) AI	REA AS	SARRA	NGED	FOR A	SSESS	MENT	IN ACI	RES.	(8E	CTI	ON	II.) I	ręso	URC	ES.	AN
							AI (OR SESSED			Ŋ	ALGUZA	ARI (OR	ASSESS	SED.)		J. Saint		100		Perc	entac	ne of	22.0
circle.	Former and				17						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		vated.		ed.	PI		ENTA AREA	GE.	duce class table	(ar	range e pro	ed i
Assessment	present state- ments com- pared.											Unirr			abandoned.	7		180		1	•	•	
Name of Chakla or As		Khalsa and (shared.)	Jagír.	Toral.	Total area.	Waste.	Muafi or revenue free.	Total of not assessed.	Calturable.	Abandoned.	Irrigated.	Sailābi.	Baránì.	TOTAL.	Total of cultivated and	Manured.	Irrigated.	Zabti.	Paikásht.	Ţ	II.	III.	*IV. •
(ADIB.	Former Present	56	6	62	74,648 74,276	33,781 29,750			10,976 11,798	2,047 1,930		12,317 13,291		22,219 27,140	24,266		37 39	8	18 84	8	68 65	17	
Кн	Difference,	24.2			-372	-4,031	-1,967	-5,998	+822	-117	+ 3,367	+974	+ 580	+4,921	1.4.804	. 2	. 0	. 10	-10	-10		-6	

			Serial Number.				
K	CHADIR.		Name of Chakla or Assessn	nent Ci	rcle.	. 9	
Difference,	Present	Former	Former and present statement	ents co	mpared.		
+807	3,017	2.210	Number of ploughs.		PLOUGH	CAPAB	26
+ 2,530	15,209	12.679	Number of entire head of ca	ittle.	PLOUGHS AND CATTLE.	HILLIES	21
	91	=	Plough.	Ar	ATT	3 C	20
:	9		Cultivator.	Arer- ge per		SNC	67
-7,175	19,819	26 994	Number of		Population	CAPABILITIES CONSIDERED	30
1	# *	719	Per square mile of cultivation	on.	NOI.	K	16
+	Bulletin Commencer Street	107	Old.	In		ELUDATERATION CODE	02
+1+54	91		New.	In use.	Wells.	FFE	53
18	0.4	194	Out of use.		ils.	DIFFERENT ASPECTS.	31
: 1			Average rain-fall (in inches)		1 =	AS	30
:	15		Average depth of wells (in feet).	2.41	WATER CAPA- CITY.	PEC	30
:	150		Cost of wells.	Water from wells.	ER C.	TS.	31
i i			No. of oxen required,	fron	LPA		138 39
:	4 15	-0.03	Area one well can irrigate.	1 4			
5:	ŏ6	8	Percentage of area uncultive Head of cattle per area cultivated.	Name and Advantage of the Owner, and	Capa- city for expan- sion.		10 41
+5	02,000	20 27.7	Summary Settlement Jama o	f S. 190	07.	(SECTION	42
	00,201	28 961	Revenue Rate Jama of last	Settlem	ent.	ON III.	43
	0000	31 086	Jama of last Settlement a Village Statement.	s in ol	d No. II.	III.) SUMMARY AND LAST MENT JAMA COMPARED.	44
	90,00	30.061	Jama of last Settlement a sequently reduced in S. 19		o. II sub-	ARY A	40
0 1	7	eren -	Percentage of reduction on ment.	Summa	ary Settle-	ND I PARI	46
	1-3-9	7	Of Summary Settlement Jan	na.	RATES TIVA		47
		1-3-10	Of last Settlement Jama.	b	TIVATION.	SETTLE-	48

	ent		49 -	50 •	51	52	53	54	55	56	57	58	59
	Assessment		• (8	ECTION I	Va) PRO	POSED JA	AMA WOR	KED OU	r from	RATES A	AND ES	TIMATES	s
•	or A	Former and present state-	I	RATES ADO	PTED IN	ASSESSMEN	т. *	Es	TIMATES	ADOPTEI).	of ted	ully on
	Chakla	ments compared.		On Cu	ltivated	area.		Assis- ement oner.	•	gross	eve-	Jama of 1923 with cultivated	finally rates on area.
umpe			ghs.		Unir	rigated.	. red.	xtra Assis- Settlement nissioner.	.tr	(0)	r new Reve- Rates.		Jama I, with rated
Serial Number.	Name of Circle.		On Ploughs.	Irrigated	Salábi.	Baráni.	Abandoned.	Of Extra Assitant tant Settlemer Commissioner.	On plough.	On produce (sixth of produce.	As per n nue Ra	Present Sambat rate on area.	New Jama fixed, with cultivated a
		Former	• 17	200	180	1 0 0	080			28,689		•	
	ė	Present	12	17 0 0		0 14 0	080	30,304	36,204	35,290	32,567	30,632	30,21
1	KHADIR.						*1					1-0-10	1-0-
		Difference											

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.

2	3	4	5	6	7	. 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
•			MBEE EHAI		(SE	TION	I.) AR	EA AS	ARRAI	NGED	FOR AS	SESSI	MENT I	N ACRI	is.	(SE	CTI	ON I	II.) R	Eso	URC	ES
						MI NOT	NHAI, ((OB SED,)		м	ALGUZA	RI, (OI	ASSESS	ED.)							r-cen		
Circle.					-							Cultiv	ated.	September 1	11			REA		ran	nged ; see 1 le for	in cl prodi	las- uee
	Former and present state-											Unit	riga- d.		andone	21	1 1	-	-				
Name of Chakla or Assessment	ments compared.	Khalsa and (shared.)	Jagír.	OTAL.	Total area.	Waste.	Muáfi, or revenue free.	Total of not assessed.	Culturable.	Abandoned.	Irrigated.	Sailábi.	Baráni.	O T A L.	Total of cultivated and abandoned.	Manured.	Irrigated.	Zabti.	Páikásht.	1	n.	III.	IV.
	Former	K	J.	T	1,01,762			20127	12,262	1,526	21,282	193		H		-		\dashv		10	67	10	
MEHAL.	Present	111	3	114	1,05,374			10.00	14,929	1,127	56,054	184	1,583 2,537						23 38	-77	67 69		
CHO	Difference,	-	63491		+ 3,612	-5,324	-2,138	-7,492	+ 2,667	_399	+ 7,891	-9	+ 954	+8,836	+ 8,437	+ 3	-1	+2	+ 15	+ 5	+ 2	3	

		26 AND CA	27 APABIL	28		30 CONSIDE	31 REI	32) IN 1		34 FER				38 39 CTS.	40	41	42 (SECTI	43 ON III. MEN	44) SUMM NT JAN	45 IARÝ A IA COM	46 ND I IPAR	AST SE'	48
le.		PLOUGH	IS AND C	ÀTT	LE.	Populat	ION.	W	ELL	s.	W	VATE	R CA	PA-	Car city exp sio	for an-		nt.	a No. II.		20	RATES O	
Assessment Circle	Former and present statements compared.		ttle.	Av age			cultivation.	In u	se.		inches.)	(in	ter f		area uncultivated.	area uncultivated.	Jama of 1907.	last Settlement	nt as in old	nt as in . 1915.	n on Summary		it Jama.
Name of Chakla or Assessm	pareu.	Number of ploughs.	No. of entire head of cattle.	Plough.	Cultivator.	Number of	Per square mile of culti	Old.	New.	Out of use.	11 (in	Average depth of wells feet.)	Cost of wells.	No. of oxen required. Area one well can irriga	Per-centage of area unc	Head of cattle per area u	Summary Settlement Ja	Revenue Rate jama of 1	Jama of last Settlement Village Statement.	rec	Per-centage of reduction ment.	Of last Settlement Jama	Of Summary Settlement
CHARKHARRI MEHAL.	Former Present	5,175 7,088	28,016 39,501		 7	52,000 64,070		1,390 1,410				27	200	5 32		34 1	1,02,259	74,340	86,386	83,864	 18	1-12-8 1-11-3	1-10
CHAI	Difference,	+ 1,913	+11,485			+ 12,070	•	+ 20	157	-18		**			4								

	nent		49	n 50	51	52	53	54	5,5	56	57	58	59
i k	Assessment		(SE	ECTION I	V) PRO	POSED JA	AMA WOI	RKED OU	T FROM	RATES	AND E	STIMATE	is.
0	or A		RA	TES ADOP	TED IN	Assessmen	т.	Est	TIMATE	ADOPTED	•	mbat s on	finally fixed, te on culti-
¥	Chakla	Former and present state- ments compared.		On cul	tivated	area.		Assis- Settle- ommis-		of of ore.	Re-	of Sambat rate on area.	on on
ampe			ghs.	ted.	Unit	rigated	ned.	E 0 .	gh.	produce @ e-sixth of oss produce.	new R. Rates.	jama with ated	na fin rate area
Serial Number.	Name of Circle.		On ploughs.	Irrigated.	Sailábi.	Baráni.	Abandoned	Of Extra tant ment Co sioner.	On plough.	On pro one-si gross	As per r	Present jama 1923, with	New jama i with rat
	CHAR-KHARRI MEHAL.	Former, Present,	20 14	1-8-0 20-0-0	••	0-12-0 0-14-0	0-8-0 0-8-0		99,232	88,413 1,03,311	 83,332	91.709 1-8-5	86,598 1-7-9
		Difference,										18-12-2	

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 fama 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 C'ycle of Bangar, Parganah Wázírcbad,
District of Gujránwála.

	2	3	4	5	6	7	8	9	0 10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	•			MBE	R OF	(8	ECTIO	N I.) A	AREA A	S ARRA	NGED	FOR AS	SE	SSMEN	T IN AC	RES.	(S	E€T	ION	II.) F	ESO	URC	ES	&
							MINH	AI (OR ESSED			M	ALGUZAF	i (0	OR ASSE	essed.)	•	11					-cent		
	Circle,				•			9					Cul	tivated.		H.	Р		ENTA	• 1	rang ses; s	see p	n cli	las
		Former and present state-											Un t	irriga- ed.		abandoned.	-				table	jor d	eta	ιι,
	Name of Chakla or Assessment	ment compared.	halsa and (shared.)	Jagír.	TAL.	Total area.	Waste.	Muáfi, or revenue free.	al of not assessed.	Culturable.	Abandoned.	Irrigated.	Sailábi.	Baráni.	отаг.	Fotal of cultivated and aba	Manured.	Irrigated.	di.	Paikásht.	Ι.	II.	III.	ه کلا
	•	Former	Kb	Jag	To	30,286		1,020	Total						T				Zabti.					
	BANGAR.	Present	22	9	3	31,230	6,922		9,066 7,547	5,920 4,571	2,171 708	11,532 15,88¢			13,127 18,404	15,300 19,112							13	
Section 1		Difference				+944	-1,124	-395	-1,519	-1,349	-1,463	+ 4,352	11	+ 91.	+ 5,27.	+ 3,812	-4	+10		+ 27	+5	+6	-6	_

Assessment Circle of Bangar. - (Continued.)

		26	27	58	29	30	31	32	33	34	35	36	37	38 39 40	140	41	42	43	44	45	46	47	
			CAPAB	TLE	FIES	CAPABILITIES CONSIDEREI	DER	0	IN DI	DIFFERENT ASPECTS.	RE	TTA	SPF	CL	rô.		(SECTI	ON III.) ME	SECTION III.) SUMMARY AND LAST MENT JAMA COMPARED.	A COM	ND L		SETTLE-
le.		Proces	PLOUGHS AND CATTLE.	JATI	CHARLES IN COMPANIES.	Population	ION.	*	Wells.		<u> </u>	WATER CAPA- CITY,	ER C.	APA	Cap-ity expe	Capacity for expansion.	.01	.tn	II .oV b	-dua II .o	na Settle-	RATES ON CULTIVATION.	FE
ariO da				Aver-	Aver- ge per		·u	In use.	186.		RESIDENCE THE RESIDENCE TO	Wat	ter fr	Water from wells.	ted.	-1841111	-2061 F	ettleme	o ui s	N ni sa .31	smmns	.6	11/2/88
Serial Number: Name of Chakla or Assessme	ment com-	Number of ploughs.	No. of entire head of cattle.	- Aguof4	Cultivator.	Number of	Per square mile of cultivatio	.bio	New.	Out of use,	Average rain-fall (in inches.)	Average depth of wells (in feet,)	Cost of wells.	Xo. of oxen required.	Percentage of area uncultiva	Head of cattle per area uncu	Summary Settlement Jama o	Revenue Rate Jama of last S	Jama of last Settlement a Village Statement.	Jama of last Settlement sequently reduced in S. 19	Per-centage of reduction on ment	Of Summery Settlement Jam	
•	Former	1,031	7,059	15		*9,948	416	265	1	. 34			:		₹.	7	19,204	18,637	16,895	15,825		1-4-0	0
NGAR.	Present	1,449	8,616	13	=	10,166	373	250	49	. 21		30	225	631	136	7					171	1-0-0	•
BA	Difference,	+418	+418 +1,557	2		+218	i.	1 17	49	-13		:		Hi	6	: •							

		Assessment		49 (SECTION I	51 V.) PR	52 OPOSED J.	53 AMA WO	RKED OU	55 I FROM	56 RATES A	57 AND EST	58 FIMATES	59
	•	or Ass		•	RATES ADOP	TED II	N ASSESSMEN	· ·	Es	STIMATE	S ADOPTE	D.	of rith ted	finally ates on rea.
	ï.		Former and present state- ment compared,		On cul	tivated	area.		Assis- ment,		g one	Reve-	jama of 1923, with cultivated	212
,	ampe	Chakla		ghs.		Uni	rrigated.	ed.	a A ttlen ssion	ą.	(0)	ew B	The state of the s	ama with
	Serial Number.	Name of Circle.		On Ploughs.	Irrigated.	Sailábi,	Baráni.	Abandoned	Of Extra Assistant Settlement, Commissioner.	On plough	On produce (sixth of produce.	As per new R nue Rates.	Present Sambat rate on area.	New jama fixed, with cultivated
			Former	• 14	180		080	0 4 (17,777			
	3	BANGAR.	Present ,	10	15 0 0		0 11 0	0 4 (16,762	14,490	24,609	17,315	16,674 0-13-11	
			Difference ,,,											1 25

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 Muáfi 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 $6\frac{1}{2}$ 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, n 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 Gujránwala.

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
1	0		NUM ME	BEI	\$29250 ASS	(SEC	TION	I.) AR	EA AS	ARRAI	NGED	FOR A	SSES	SMENT	I IN ACI	RES.	(SE	CTI	ON	II.) I	RESO	URC	CES A	IND
								NHAI (M	ALGUZA	BI (01	R ASSES	SED.)							r-cen		
1	Circle.												Cult	ivated-			A. W. C. C.		ENTA AREA	Table 100722014	ed) i	luce (in cla luce t	asses;	see
		Former and present sta-											Uni	rriga-	un en	abandoned.		1 1					ail.	
Serial Number.	Name of Chakla or Assessment	tus compared,	Khalsa and (shared.)	Jagír.	TOTAL	Total area.	Waste.	Muáfi or revenue free.	Total of not assessed,	Culturable,	Abandoned.	Irrigated.	Sailábi.	Baráni,	Тотаг.	Total of cultivated and aba	Manured.	Irrigated.	Zabti.	Paik á sht.	ľ	• н	шт. •	IV.
4	MYRAH.	Former	9			18,507 18,904	9,101 6,858	201	1			7,362 8,493		o 672 451	8,034 8,944	8,420 9,161	347	15	7 9	e-sale	7 14	56 55		28 23
	Mr	Difference,				+ 397	-2,243	-56	-2,299			+ 1,131	•••	221	+910	+ 741		+8	+2	+ 25	+7	1		— 5

Assessment Circle of Myrah.—(Continued.)

SETTLE-	RATE ON CULTIVATION		Of last Settlement Jama.	3 2 1 1 10	8 1.1 9	•
AND LAST MPARED.	R	8	Of Summary Settlement Jam	1 3	=	
46 VID PAR	TA Settle-	suuns	Per-centage of reduction on S		7	
	The second secon		Jama of last Settlement as in guently reduced in S. 1915.	9,390	:	:
SUMMARY T JAMA CC	.II .oN b	olo ni	Jama of last Settlement as Village Statement.	9,390	:	:
43 4 N III.) SU MENT	·4ns	ettlem	Revenue Rate Jama of last So	9,635		•
SECTION	10.	-2061 E	Summary Settlement Jama of	10,110	:	:
#	for an-	*0.02 A TO	Head of cattle per area uncul	<u> </u>	:	:
THE RESERVE OF THE PARTY OF THE	Capacity for expansion.	-	Per-centage of area uncultiva	53	20	ကု
ECTS.			Area one well can irrigate.		7355	:
SC.	VAY	fro	No. of oxen required.		CALL THE LAND	
SPI	ER C.	nter fr	Cost of wells.	:	200	:
A TN	WATER CAPA- OITY,	Water from wells.	Average depth of wells (in feet.)		272	
SE SE	*		Average rain-fall (in inches.)			
FEE			.esu fo tuO	13	17	+4
IN DIFFERENT ASPECTS	WELLL	use.	New.	i	. 15	15
N		In	OIG.	163	155	8
ERE	ION.		Per square mile of cultivation	373	347	
CAPABILITIES CONSIDERED	POPULATION		Number of	4,855	4,963	+108
29 ES	THE RESIDENCE OF PERSONS ASSESSED.	r-	Cultivator.		15	
11.	ATT	Aver-	Plough.	13	=	1 2
ZI I	AND C.		No. of entire head of cattle.	3,439	3,418	-21
26 CA	PLOUGHS AND CATTLE.		Number of Ploughs.	652	832	+180
16.		pud			:	<u> </u>
		Former and	tas com- pared.	H	49	Difference,
		mc	par	Former	Present	fere
	15	For	4	Fol	Pre	Dif
	je	orio di	Name of Chakla or Assessmen	•	YRAH,	M
		William Allert Control	Terres and the Secretary and Secretary Secretary and Secretary Secretary	DESIGNATION OF THE PERSON OF T	Laure Line	SALES OF SERVICE

	Assessment		49	50	51	52	53	54	55	56	57	58	59
	ssess		(S	ECTION I	V.) PR	OPOSED JA	MA WOR	KED OUT	FROM	RATES A	ND EST	TIMATES	•
•	or As	Former and amount status	I	RATES ADOP	TED II	N ASSESSMEN	T.	Es	TIMATES	ADOPTE	D	of rith	finally tes on sa.
	THE RESIDENCE OF THE PARTY OF	Former and present status compared.	13.7	On oul	tivate	l area.		Assi- ment ner.		@ one	-9AG	jama of 1923, with cultivated	fin rates rea,
mpe	Chakla		hs.		Uni	rrigated.	ed.	ttlen ssion	hs.		ew Rettes.		uma vith
Serial Number.	Name of Circle.		On Ploughs.	Irrigated.	Sailábi.	Barání.	Abandoned	Of Extra Assitant Settlement Commissioner.	On ploughs.	On produce sixth of produce.	As per new Revenue Rates.	Fresent Sambat rate on area.	New jama fina fixed, with rates cultivated area.
		Former	° 16	1 4 0		080	040			9,885			
		Present	9	14 0 0		0 10 0	0 4 0	7,520	7,488	11,255	8,024	8,973	0 8,86
	MYBAH.						Same and the					0-15-8	0-15-
		Difference	e	ja									

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.

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

1	2	. 3	4	5	6	7	8	9 •	10	iı	12	13	14	15	16	17	18	19	20	21	22	23	24	25
			NUM ME	BEI		(SE	CTION	i.) AR	EA AS	ARRA	ANGEL	FOR	ASSES	SSMEN'	r in Ac	RES.	(SECTION II.) RESOURCES AND							
						•	MINH	AI (OF	NOT O).			MALGUZ	ARI (OR ASSE	SSED.)						Dam	centa	an of	nna
	Jircle.							•					Cul	tivated.		ed.			NTA		duce classe table	(arre	angeo	l in duce
	Assessment Circle.	Former and present sta-												riaga- ed.		abandonded.	-1	1	1	_		,,, 	1	,
Chakla or	Chakla or	tus com- pared.	and (shared).		L.	rea,	•	Muáfi or revenue free.	not assessed.	ble.	ped.	d.				cultivated and		1		2	${f T}$	п.	• H	•1V.•
	Name of		Khalsa	Jagir.	TOTA	Total area	Waste.	Muáfi o	Total of	Culturable.	Abandoned.	Irrigated.	Sailábi.	Barani.	TOTAI	Total of	Manured.	Irrigated	Zabtí,	Paikásht.				
	2	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
	ALLAR	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	
1	W	Difference,				+1,343	633	-758	-1,391	+ 338	-817	+ 2,817		+ 396	+ 3,213	+ 2,396	-6	1	+ 3	- 9	+5	+4	5	_

	61		Serial Number.		-	kir i	-
KA	LLAR.	٥	Name of Chakla or Assessn	nent Ci	rcle.	9	
Difference,	Present	Former	pared.	Former and			
+ 624	2,018	1,394	Number of ploughs.		PLougi		20
+624 +2,870-23	11,390	8,520	No. of entire head of cattle.		IS AND C	APABI	12
-21	91	12	Plough.	Aver-	ATT	LIT	20
-	10	•	Cultivator.	Aver-	LE.	ŒS	23
-2,710	13,722	76,432	Number of		PLOUGHS AND CATTLE. POPULATION	CONSID	50
	\$3	638	Per square mile of cultivati	on.	NOI.	ERI	31
-17	373	390	Old.	In	ASSESSMENT OF THE SECOND OF TH	I de	32
° 54		•	New.	In use.	WELLS	N DI	1 55
9	¢ 45	36	Out of use. Average rain-fall (in inches.	Revise.	CAPABILITIES CONSIDERED IN DIFFERENT ASPEC	34 35	
		i	Average depth of wells (in	WATER CAP		5 36	
i.	26 200	· !	feet.) Cost of wells.	ER C.	ASI	13/	
	7	•	No. of oxen required.	Water from	CAP.	PECTS.	38
	30 63	:	Area one well can irrigate.	m	Capac- A- ity for expan- sion.		39 4
-3			Per-centage of area uncultive Head of cattle per area uncultive ed.		0 41		
	i.	22,002	Summary Settlement Jama	of 1907		(SECTION	42
:		18,040	Revenue Rate Jama of last	Settlen	ient.		43
**	i	19,708	Jama of last Settlement a Village Statement.	ld No. II.	III.) SUMMARY AND LASS MEMT JAMA COMPARED.	44	
:		19,195	Jama of last Settlement as quently reduced in S. 1918	II. subse-	ARY A	45	
par	13	1/	Per-centage of reduction on ment.	ND I PAR	46		
:	1-2-7	1-5-4	Of Summary Settlement Jan	ıa.	RATES ON CULTIVATION	7	47
:	1-0-3	1-2-7	Of last Settlement Jama.	ø	NOITA'	SETTLE	48

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													1
	guət		49	• 09	51	52	53	54	92	999	22	89	69
	ussəs		(B)	(SECTION IV	7.) PR(N IV.) PROPOSED JAMA WORKED OUT FROM RATES AND ESTIMATES.	AMA WOR	KED OU	T FROM	RATES	AND E	STIMATE	is.
	sy 1	Harman and messant state.		RATES ADOP	TED II	ADOPTED IN ASSESSMENT.	NT.	H	STIMATES	ESTIMATES ADOPTED.	D.		no
,T.	ह्युङ ट	ments compared,		On cul	n cultivated area,	d area.		, qua		aso:	-9A	w , &	
oquu	СРВ		·sq.		Unii	Unirrigated,	-pə	tlem	·sq	ry lo			
N Iniras	Name of Circle.		On Ploug	bətagirrI	Sailabi.	.instrad	mobusdA	of Extra tent Set Commis	Snord uo	On productive sixth of productions	en req eA sa et 11	Present Samba rate or area,	New ja fixed, v cultiva
		Former	16	140	. :	0 8 0	040		Ala .	21,040			
۵4 ر	, A E.I.I.	Present	10	13 0 0		0 10 0	040	19,336	20,180	26,362	17,014	20,654	19,452 I-0-6
	КV												
		Difference											

Assessment Circle of Kallar, - (Continued.

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REMARKS BY ASSISTANT SETTLEMENT OFFICERS

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 socreat 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 jamas, I think if the future jama stands about 5 per cent below this, it will give the relief necessary in individual estates. 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

ASSESSMENT PORTFOLIO,

TAHSIL HAFIZABAD.

FORM No. IV.

ABSTRACT OF "VILLAGE NOTE-BOOK"

CONTAINING

REPORT ON THE ASSESSMENT

OF

CHAKLA KHADIR.

•PARGANAH HAFIZABAD.

DISTRICT GUJRANWALA.

1866-67.

(REVISED SETTLEMENT.)

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

		BEE	LS,		(SECTION I.) AREA AS ARRANGED FOR ASSESSMENT (in acres.))	(SECTION II.) RESU															
HODSED LYD:	(or	Esta	tes.)			IINHA TASSES			1	MALGU	ZARI	(OR	ASSESSI	ED.)	+ 40	PER-CENTAGES OF AR PRODUCE.	EA A	ND										
FORMER AND PRESENT STATUS	Govt., red."	igned.		,		Revenue	ssssed.	•		1	I	ltivate Unirr Gatei	I-	7a-	of cultivated alendoned . assessed.)		ement.	ent.										
COMPARED.	Kha sa or and "shar	Jagír, or assigned	TOTAL.	TOTAL ARBA.	Waste.	Muáfi or R. free.	Total not asssssed	Culturable.	Abandoned.	Irrigated.	Sailábi.	Baráni.	Total.	Total cultiva- ted.	Total of cult and almod (i. e. asses	Per-centage of area cultivated of	Former Settlement.	New Settlement.										
, 1	2	3	4	5											14 M	(1) Area.	P.C.	P. C										
Professional Survey,				95,901	39,737		39,737	8,972	3,685					43,507	47,192	Area manured	. 2											
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 " páikásht," or non-resident tenant lands	18	•										
																										(2) Produce. Arranged in classes, See "Produce Table"		
											•	•				" II. ditto	70	73										
_							•									" III. ditto	14	1.2										
																" IV. ditto	4	9										