ANNUAL REPORT

ON THE

SETTLEMENT OPERATIONS

IN THE

PUNJAB

For the year ending 30th September 1902.

Published by Authority.



Ort:
THE "CIVIL AND MILITARY GAZETTE" PRESS,
Sole Contractors for Printing to the Punjab Government.

1903.

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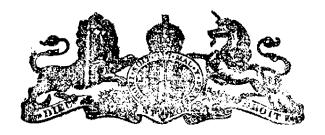
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FROM

J. F. CONNOLLY, Esquire,

Offg. Revenue and Financial Secretary to Government,

Funjab and its Dependencies,

To

THE SENIOR SECRETARY TO THE FINANCIAL COMMISSIONER, PUNJAB.

Dated Lahore, 19th January 1903.

File No. 2.

Revenue and Agriculture.

Revenue.

SIR.

I AM directed to acknowledge the receipt of the report on the Settlement operations in progress in the Punjab and North-West Frontier Province during the year ending 30th September 1902, forwarded with your letter No. 922, dated the 23rd December 1902, and to state, with reference to paragraph 8 of that letter, that the Lieutenant-Governor agrees with the Financial Commissioner that Mr. Wilson deserves the thanks of Government for his able and efficient supervision of the settlements under his charge during the past year. As regards paragraph 5 of your letter, I am to observe that there is no objection to the Settlement Commissioner continuing to deal in one report with the settlements in progress both in the Punjab and the North-West Frontier Province until the settlement of the Bannu District is finished if the Hon'ble the Chief Commissioner of the North-West Frontier Province agrees to this. A copy of this letter will be forwarded to him for favour of an expression of his wishes on this point.

I have, &c.,

J. F. CONNOLLY,

Offg. Revenue and Finl. Secy. to Govt., Punjab.

Fвои

R. HUMPHREYS, ESQUIRE,

Senior Secretary to the Financial Commissioner, Punjab,

To

J. F. CONNOLLY, ESQUIBE,

Revenue and Financial Secretary to Government, Punjab.

Dated LAHOBE, the 23rd December 1902.

SIR,

I am directed to forward a letter No. 3375, dated the 21st November 1902, from the Settlement Commissioner, being the annual report on the settlement operations for the year ending 30th September 1902, and to convey the following remarks.

- 2. The Financial Commissioner does not consider it necessary to send on any of the Settlement Officer's reports.
- 3. The report is the first of its kind received under the recent orders of the Government of ludia and the Revised Revenue Circular dealing with the Land Revenue and certain other annual reports submitted to the Financial Commissioner.
- 4. The annexed statements seem to answer their several purposes very well, and the report is a clear, concise and satisfactory record of good work done.
- 5. The remarks of the Financial Commissioner will, of course, be confined to Punjab Districts. The report has also been submitted to the Chief Commissioner of the North-West Frontier Province. The North-West Frontier Settlements are included in the report because Mr. Wilson still has charge of them. The Financial Commissioner himself has no objection to this arrangement, but if the Lieutenant-Governor would prefer that future reports submitted to the Financial Commissioner should be limited to Punjab Districts, a separate report being prepared for the North-West Frontier Settlements, instructions will be issued accordingly. Mr. Wilson has been consulted and would prefer to explain the whole of his work in one report, giving as his reason that the whole of the Settlement Establishments are under the Financial Commissioner. Orders on this point are solicited.
- 6. In such further remarks as the Financial Commissioner has to offer he will follow the order of the report.
- 7. The number of settlement parties shown by Mr. Wilson in his opening paragraphs is seven, i.e., one more than the sanctioned scale. As explained however in this office letter No. 285 of the 7th April 1902, the excess is apparent rather than real, as the establishment of the Háfizabad Settlement is really part of that of Jhang, the only increase being the Settlement Officer and his office staff. Sanction to this arrangement was conveyed in Government of India letter No. 775-84-4, dated 16th May 1902. The sanctioned scheme as set forth in Appendix V of Couie's Settlement Manual has been modified by the decisions to postpone the Montgomery-Gugera Settlement for some years and the Gurgáon Settlement till next autumn.
- I.—Progress made in remeasurement.—It is very satisfactory that Mr. Wilson is able to report that the measurements generally are much more accurate

than heretofore. But the maintanance of a standard of accuracy more than sufficient to satisfy either the ideas of the people or the needs of the Revenue Administration should not be allowed to delay the completion of the work. In saying this Mr. Tupper merely intends a caution. He does not wish to imply that work has been delayed by too high a standard of accuracy in measurements; and his own belief is that accuracy in measurement lies at the root of success in settlement operations and, if followed by equal accuracy in record work, gives almost certain security that the results will be lasting and good.

- II.—Progress made in revision of the record.—Here again Mr. Wilson is to be congratulated on the accuracy attained, which is, of course, a great boon to the people and to the Courts. Mr. Tupper quite agrees with Mr. Wilson as to the importance of making attestation keep pace with re-measurements; and he is particularly glad to hear that Mr. Abbott has been so successful in attaining this result.
- III.—Progress made in re-assessment.—The Indus Valley Assessment Report is now under the Financial Commissioner's consideration and it is hoped will be before Government by the middle of January next. The Thal and Sirsa reports are with the Settlement Commissioner and may be expected to reach Government about the end of February.
- IV.—Miscellaneous Settlement Operations.—The report of Mr. King on the Sirhind Canal occupiers' rates is still before the Financial Commissioner, who hopes to submit it shortly to Government. His remarks on the general questions raised, which are very important, are in proof, and have been unofficially communicated to the Chief Engineer, Irrigation Department.
- V.—Settlement staff.—The recent changes making the district and Settlement staffs interchangeable and assimilating their rules, pay and prospects are, in the Financial Commissioner's opinion, of great consequence, and likely to continue to bring about the good results attributed to them by the Settlement Commissioner. The excellent work done by the Settlement Department in training Assistant Commissioners and Extra Assistant Commissioners, and Naib Tahsildar and Kánúngo candidates is very valuable, and deserves prominent acknowledgment.
- VI.—Comparison of estimates.—The delays connected with the Muzaffargarh and Dera Ismail Khan settlements have been explained in separate correspondence. The orders requiring the completion of settlements in four years (vide paragraph 3 of Mr. Diack's letter No. 1114 S., dated July 31, 1902) imply, in the Financial Commissioner's opinion, a standard of speed which is really over-sanguine; but doubtless work may be much shortened by previous accurate maps. The most important object, viz., the reduction of the period for which the Settlement Officer himself is required can, the Financial Commissioner thinks, be most easily attained by selecting the Extra Assistant Settlement Officer 9 months or so beforehand and sending him to the district coming under settlement to work up preliminaries and collect the staff. This is now being arranged in the case of Gurgáon.
 - Mr. King deserves credit for the rapidity of his revision.
- VII.—Proposed future Settlement Operations.—Suggestions were lately made to Government as to the officers who may be entrusted with the revision of the occupiers' rates on the Bári Doáb and Western Jumna Canals and the deputations of Mr. Hamilton and Pandit Hari Kishen Kaul for this duty have just been sanctioned.
- VIII.—Riverain Boundaries Act.—The progress made is satisfactory. The forecast of the work which has to be done shows how much the Act was needed, and that there is a good prospect of its objects being completely fulfilled at no very distant date. Mr. Tupper advocated the principle of the Act more than 20 years ago, and it is a great satisfaction to him to see the principle accepted and successfully applied.

The Settlement Commissioner is being asked to submit specific proposals with regard to the laying down of a fixed boundary (a) between Montgomery and Baháwalpur and (b) between the Punjab and the United Provinces on th Jumna.

8. In conclusion I am to say that in the Financial Commissioner's opinion Mr. Wilson deserves the thanks of Government for his able and efficient supervision of the Punjab Settlements under his charge.

I have, &c.,

R. HUMPHREYS,

Senior Secretary to the Financial Commissioner, Punjab.





No. 3375.

SETTLEMENT COMMISSIONER'S OFFICE,

Dated LAHORE, 21st November 1902.

FROM

THE HON'BLE MR. J. WILSON, C.S.I.,

Settlement Commissioner, Punjab,

To

R. HUMPHREYS, ESQUIRE,

Senior Secretary to the Financial Commissioner, Punjab.

SIE,

I have the honour to submit the Annual Report on the Settlement operations under my control for the year ending 30th September 1902, together with the prescribed statements and the reports* of the Settlement Officers. The figures for the Punjab and the North-West Frontier Province Settlements are given separately in the statements.

Settlement operations were in progress during the year in 8 districts of the Punjab and in 4 districts of the North-West Frontier Province, but in several cases only parts of these districts were under settlement and parts of different districts were under one Settlement Officer, as follows:—

				^	Tract B	EING	SETTLED BY SETTLES	ent O	FFICE	R.
Settlement O	fficer.		Date of comme ment of operati		District,		Tract.			Number of villages.
Pandit Hari Kishe	en Kau	al	October 1897		Muzaffargarh	•••	Whole district			769
			} [1	Dera Ismail Kha	aı	,, ,,		•••	460
Captain Crosthwa	ito		,, 1898		Miánwáli		Bhakkar and Leial	Tahs:	ils	343
				ļ	Dera Gházi Kha	n	Sangarh Tahsil	•••	•••	30
Mr. Barron			., 1899	(Kohát	•••	Whole district	***	•••	288
mr. narron	***	•••	,, 1000	{	Posháwar	•••	Khwárra Niláb	•••	•••	16
Mr. King		5	February 1900	•••	Ferozprur	***	Fázilka Tahsil			329
Mr. King	***	ζ	April 1901	,,,	Hissár	•••	Sirsa, ,,	•••		325
Mr. Watson		5	October 1900	•••	Hazára	••	Whole district	•••	***	885
Mr. Watson	***	ζ	" 1901	•••	Ráwalpindi	•••	Attock Tahsil	,	***	194
Mr. Abbott	***	•••	,, 1901		Jbang	,	Whole district exce	pt Col	ony	822
Mr. I. C. Lál	•••	•••	June 1902		Gujránwála	•••	Háfizabad and Dográn Tahsils.	Kha	ngah	512
							Total	•••	•••	4,973

The total area under settlement was sixteen million acres, equal to one-fourth of the combined area of the two Provinces. Besides the seven Settlement Officers above-mentioned, three Assistant Settlement Officers were employed during at least part of the year, viz., Captain Beadon in Hazára, Mr. Kitchin in Dera Ismail Khan and Mr. Butler in Attock.

I.—PROGRESS MADE IN REMEASUREMENT.

During the year 2,600,000 acres were remeasured and the maps of 907 villages were completed. In most settlements it has been found necessary, owing to the inaccuracy of the old maps, or the changes that have taken place

since the previous settlement, to make a complete remeasurement, which has been carried out on the square system, except where the country is too hilly and the measurements had to be based on a system of triangles; but we are now coming round to the revision of settlements during which the maps were accurately made, and can be accepted as the basis of our new maps. we are simply bringing Mr. Steedman's maps up to date at an expenditure of time and money only about half of what would be required by complete remeasurement, and similarly in Gujránwála Mr. O'Dwyer's maps are being brought up to date by showing the new field boundaries. In areas irrigated by the Chenáb and Jhelum Canals, a system of square fields is being laid down as the basis of irrigation arrangements and field boundaries, and promises to be a boon both to the Irrigation Department and to the irrigators. The measurements are everywhere carefully tested, both by comparison with maps and statistics furnished by the Imperial Survey Department and otherwise, with satisfactory They are much more accurate than those shown on the previous maps, and the standard of accuracy attained is more than sufficient to satisfy the ideas of the people or the needs of the Revenue administration. The cost of remeasurement, which includes great part of the cost of the revision of the record, averages Rs. 53 per square mile, and varies from Rs. 32 in Sirsa with its large level fields to Rs. 185 in Hazara with its steep mountain-sides and terraced cultivation.

II.—PROGRESS MADE IN REVISION OF THE RECORD.

While measurements proceed the record of rights is at the same time carefully revised and the rights of the owners and cultivators in every field attested by an Assistant Collector. This revision of the record is perhaps the most important branch of Settlement operations, and endeavour is now made to keep it up to date, as far as possible, with the work of remeasurement. At the end of the year, of the 2,997 villages in which the maps had been completed, the records of 2,328 had been finally attested. The greatest success in this matter has been attained by Mr. Abbott in Jhang. In some other districts the Settlement Officer made the common mistake of employing at first more measuring parties than he had men to supervise, thus sacrificing accuracy to speed in mapping. The records as ultimately filed, are, however, everywhere very accurate, much more so than those they supersede.

III.-PROGRESS MADE IN RE-ASSESSMENT.

During the year new assessments have been announced in Fázilka, increase Rs. 71,000 or 68 per cent.—in Sináwán Tahsil, increase Rs. 21,000 or 15 per cent.—and in the small Khwárra Niláb Circle of Pesháwar, increase Rs. 1,918 or 62 per cent. The assessment proposals for the Muzaffargarh and Alipur Tahsils have also been sanctioned by Government, and are now being announced. The Assessment Report for the Indus Valley of the Dera Ismail Khan District has been submitted to the Financial Commissioner and those of the Sirsa Tahsil and the Thal of the Miánwáli District are now with me.

IV.—OTHER MISCELLANEOUS SETTLEMENT OPERATIONS.

In all settlements the opportunity is taken to revise the arrangements regarding such matters as revenue assignments, State lands held on lease, State and village forests, zaildárs, patwárís, &c., and the progress made in regard to these special subjects has been satisfactory. It will be found stated in detail in the reports furnished by the Settlement Officers. In Dera Ismail Khan Captain Crosthwaite is doing most useful work by supervising the irrigation arrangements in the Dáman, and in Hazára Captain Beadon is readjusting the boundaries of forest lands and the rights of the people in them. Mr. King has submitted a valuable report on the important subject of occupiers' rate on the Sirhind Canal.

V.—SETTLEMENT STAFF.

The Settlement staff varies from time to time, but at the close of the year consisted of some 20 Tahsildars, 80 Naib Tahsildars, 300 kánúngos, and 500 patwáries. Each grade is now subject to the same rules and has the same pay and prospects as the corresponding grade in the ordinary district

staff, with whom they are interchangeable. The grading of Settlement Tabsildars with ordinary Tabsildars, the grant of travelling allowance to Settlement Naib Tabsildars and the orders making them eligible for Tabsildarships have greatly improved the position of the superior staff, and have already resulted in an improvement in the stamp of candidate seeking employment. Settlement Officials everywhere are much more efficient than they used to be, and complaints against them by the people are rare. Their work and that of the ordinary district patwarís and kanungos during settlement operations is often of an extremely arduous nature and is usually very well done, the result being a wonderfully accurate map and record at very little cost. During the year Settlement Officers also trained about twenty Assistant Commissioners, five Extra Assistant Commissioner candidates and a large number of candidates for the post of Naib-Tahsildar and Kanungo, and thus helped to raise the standard of the ordinary Revenue administration.

VI.—COMPARISON OF ESTIMATES.

In comparing results with the forecast estimates it is to be remembered that a Settlement Officer usually spends about a year longer in the district than his full sanctioned establishment does. He rarely gets together his full staff for some months after he assumes charge of the settlement, and he always sends away a large proportion of his subordinate staff months before he can complete his own proper work and wind up the settlement operations. According to recent experience the settlement of an ordinary district requires a full Settlement staff for about four years, and a Settlement Officer for about five years; but there is reason to hope that now we are beginning to revise settlements which were founded on an accurate map, the duration of operations may be reduced by about a year on the average. The duration and cost of Settlement operations in the very heavy districts of Dera Ismail Khan and Hazára were under-estimated, and chiefly for that reason it is now estimated that the total cost of operations in the districts now under settlement will be $21\frac{1}{2}$ lakhs as against the 19 lakhs originally estimated. The expected increase of assessment from these operations of nearly 10 lakhs will, however, give a return of well over 40 per cent. per annum on the total cost to Government. The amount spent on these operations during the year was nearly five lakhs.

The state of the work in each settlement is as follows:-

MUZAFFARGARH-Pandit HARI KISHEN KAUL.

Settlement operations have been in progress for five years. Measurements were finished in the previous year and the record work has now been completed. Assessments were announced in the Sinánwán Tahsil involving an increase of 15 per cent. The Assessment Report of the remaining two tahsils was submitted during the year and orders on it passed by Government. The total increase for the district will be Rs. 1,21,000 against the Rs. 1,10,000 estimated in the Forecast Report. The new assessments are being announced in the Muzaffargarh and Alipur Tahsils and the staff will practically all have been transferred by January, but the Settlement Officer himself should remain till May to wind up the Settlement and supervise the introduction of the occupier's rates and fluctuating assessment. Operations will have taken $5\frac{1}{2}$ years, and cost about three lakhs of rupees against the Rs. 2,63,000 estimated at first. The delay is chiefly due to the death of the Settlement Officer originally appointed. The increase of assessment will give a return of over 40 per cent. on the cost of the operations. The record-work has been very well done, and the distribution of the assessment over holdings has been made with exceptional care by the Settlement Officer himself, and is much more equitable than the previous distribution.

DEBA ISMAIL KHAN-Captain CROSTHWAITE, Settlement Officer.

Mr. Kitchin, Assistant Settlement Officer.

The operations of this Settlement embrace the whole of the old Dera Ismail Khan District now split up into three owing to the creation of the new Province. Work has been in progress for four years. Measurements

have been completed, and the record of rights has been attested for all but a few villages. The Assessment Report on the Indus Valley has been submitted to the Financial Commissioner; that for the Thal is with me and the Settlement Officer has still to submit Assessment Reports for the Dámán part of the district. Operations will last for at least a year and a half longer, though the subordinate staff has already been much reduced. The settlement is a very heavy one, as the district was the largest in the old Punjab Province and both tenures and assessment problems are unusually complicated. The cost of the operations will be about $4\frac{1}{4}$ lakhs as against the Rs. 3,60,000 originally estimated, but the anticipated increase of Rs. 88,000 will give a return of 20 per cent. on the total cost. The measurement and record work, which was exceptionally arduous, has been very well done, and the assessment proposals promise a much fairer distribution of the revenue demand than is attained under the existing system.

KOHAT-Mr. BARRON.

Operations began in October 1899, but the Settlement Officer did not assume charge for some months after that date. Remeasurements have been completed in all but 19 villages, but attestation of the records has been allowed to fall behind, partly in order to give time for the preparation of the assessment statistics. The Settlement Officer hopes to submit his first assessment report shortly. I agree with him that his record work will take about a year longer and that he himself will not complete his task till March 1904. Owing to the hilly character of the country and the difficulty of getting together an efficient staff in this frontier district, the operations will take longer and cost more than was at first anticipated. There has been little, if any, increase in cultivation, and though prices have risen considerably the increase of assessment will not be large. If the increase of Rs. 66,000 anticipated in the forecast be realised it will give a return of 28 per cent. on the total cost of the operations, as now estimated at Rs. 2,38,000. The measurement work has been accurately done, and though attestation is behind hand the resulting record will be a satisfactory one.

The revision of the records and of the assessment of the small Khwarra Nilab tract in the Peshawar District has been completed by Mr. Barron.

SIRSA-FAZILKA SETTLEMENT-Mr. KING.

These two tahsils formed the old Sirsa District and have been taken up together. The Fázilka Settlement has been completed in $2\frac{1}{2}$ years, the increase of assessment being Rs. 71,000 as against the forecast estimate of Rs. 1,09,000, but there will also be a very large increase taken in the form of an enhancement of the occupier's rates.

The settlement of the Sirsa Tahsil has been in progress for a year and a half. Remeasurements have been completed and have been accurately done and attestation of the record is nearly finished. The Settlement Officer has submitted the Assessment Report, which is now with me.

The staff has already been much reduced, and operations will probably be wound up by April next. In these tabsils the fields are large and level, the tenures simple, and the assessment problems not of any great difficulty; but Mr. King deserves credit for having carried out the revision so rapidly.

HAZARA DISTRICT-Mr. WATSON, Settlement Officer.

Captain Beadon, Assistant Settlement Officer.

The settlement of this mountainous district has been found to be a more difficult matter than was anticipated. The former maps are less accurate than those of most other districts, the patwars were few in numbers and less efficient than elsewhere, and the records by no means up to date; so that, adding to this the difficulty of getting about the steep hill-sides, which are terraced with cultivated fields, the work of remeasurement has proved a tedious task. A large increase to the staff first allowed has been sanctioned, and now that the measuring establishment has been thoroughly trained, good

progress is being made. Operations began in October 1900, and the maps of 270 villages have been completed on an accurate system; but the records of only 35 have been finally attested. The Settlement Officer made the mistake at first of starting more measuring parties than he had staff to supervise; but now that his supervising staff has been increased, it is hoped that attestation will keep better abreast of measurements. No Assessment Report has yet been submitted. Good progress is being made with the demarcation of forest lands under Captain Beadon, Assistant Settlement Officer. I agree with Mr. Watson that the operations of this settlement will not be completed till 1906 and will cost at least $4\frac{1}{2}$ lakhs instead of the anticipated 3 lakhs. Even so, the anticipated increase of $1\frac{1}{2}$ lakh will give a return of 33 per cent on the total cost.

ATTOCK TAHSIL-MR. WATSON, Settlement Officer.

MR. BUTLER, Assistant Settlement Officer.

Revision operations commenced in the Attock Tabsil of the Ráwalpindi District under Mr. Watson's supervision in October 1901. Here the state of affairs is very different. The maps of last settlement are so accurate that it has been found possible to dispense with remeasurements and to be content with bringing the existing maps up to date. It is hoped that the revision of the maps and records will be complete within two years of the commencement of operations and that the Assessment Report will be submitted next year.

JHANG-MB. ABBOTT.

Here also the old maps have been found accurate; but the great changes caused by the action of the rivers and the introduction of canal irrrigation have rendered complete remeasurements necessary. Very good progress has been made, and although operations were commenced only a year ago, the new maps of 169 villages have already been completed, and the Settlement Officer has been more successful than elsewhere in arranging that attestation shall keep pace with measurements. He hopes to submit an Assessment Report next hot weather, and to finish his operations in $3\frac{1}{2}$ years from the start. Judging from the present rate of progress this seems possible.

HAFIZABAD-KHANGAH DOGRAN—MR. I. C. LAL.

These two tabsils were settled only ten years ago, but are to be re-assessed owing to the general introduction of irrigation from the Chenáb Canal. The old maps and records are accurate and up to date, except in the matter of field boundaries, which have altered considerably. Revision work began only in June, but is making good progress and should be finished in about $2\frac{1}{2}$ years.

VII.—PROPOSED FUTURE SETTLEMENT OPERATIONS.

Settlement operations have been already commenced since 1st October by Mr. Kitchin in the Ráwalpindi District (excluding the Attock Tahsil already under settlement). They are estimated to cost a little over five lakhs and to bring in an increased revenue of nearly two lakhs per annum. In many villages of this tract it will only be necessary to bring up to date the maps which were accurately prepared by Mr. Steedman and Mr. Robertson at last settlement twenty years ago. According to the sanctioned scheme of Settlement operations work will be commenced in October 1903 in the Gurgáon District and in the old Bannu District, now included in Bannu and part of Miánwáli, and forecast reports have been called for for these tracts. It is also proposed to depute an officer to report on the revision of the occupiers' rates on the Bári Doáb Canal and another to make a similar report on the Western Jumna Canal. It seems probable that in each of these cases the result will be an increase of the canal revenue by some lakhs of rupees.

VIII.—RIVERAIN BOUNDARIES ACT.

In previous years fixed boundaries had been laid down under the Riverain Boundaries Act by Mr. Maclagan for villages on the Rávi in Multan and

for villages on the Chenáb where it forms the boundary between Multan and Muzaffargarh, and by Mr. Thompson for the few villages which had varying boundaries on the Beás, where it flows between Gurdáspur and Heshiáepur. During the year orders were passed sanctioning fixed boundaries for villages on the Jhelum between the Jhelum and Gujrát Districts demarcated by Mr. Talbot, and on the Sutlej between Lahore and Ferozepore demarcated by Mr. King. Mr. Parker also demarcated the remaining part of the boundary between Lahore and Ferozpore, but his demarcation has not yet been formally sanctioned. Arrangements are being made for the demarcation this year of the following riverain boundaries:—

	Rive	r.		Right bank.	Left ban	k.	Officer.
Sutlej Indus Rávi Sutlej Sohan	•••		:: ::: { :::	Montgomery Posháwar Siálkot Ludhiána Umballa Hoshiárpur	 Ferozepore Hazára Amritsar Hoshiárpur Do		Mr. King. " Watson. " Maclagan. " Fagan. " Fagan.

The only work that will remain to be done under the Riverain Boundaries Act will then be as follows:—

	Rive	r.		Right	bank.		Left bank.		
ndus	•••		•••	Pesháwar	TH		Ráwalpindi.		
henáb	•••	•••	•••	Jhang	1.9	X VN	Jhang	•••	Five villages only.
Do.	•••	•••	•••	Shahpur	成都	2,50	Gujránwála.		•
Do.	•••	•••	•••	Gujrát	ine.		Do.		
D^{0}	***	***	•••	Do.	in S		Siálkot	•••	Thirty villages.
ávi	•••		•••	Montgomer	y		Montgomery.		
Do.	•••	•••	•••	.Do.	सन्ध	hava	Lahore.		(}
Do.				Lahore	4424	44 4	Do.		
utlej	•••	•••	•••	Jullundur	•••	•••	Ferozepore.		
Do. T	***	•••	•••	Do.		,]	Ludhiána.		

several of these lengths of boundary will be fixed in due course by the Settlement Officers of the districts concerned, and if the present practice of deputing Assistant Commissioners to lay down boundaries during the winter is maintained, the whole of this work should be completed in the next three years.

Similar progress is being made with the work of laying down a fixed boundary of jurisdiction where a river forms the boundary between British territory and a Native State. Sanction has already been given to the fixed boundary demarcated by Mr. Thompson between Kapurthala and Gurdáspur, and to that laid down by Captain Beadon and the Mashir Mál between Baháwalpur and Dera Gházi Khan. The work of laying down a fixed boundary between Baháwalpur and the districts of Muzaffargarh and Multan will be completed this winter, and officers are being deputed to fix the following boundaries:—

		River	•			Right b	ank.	1	Left bank.
Jhelam Sutlej Be ás	***	***	•••	•••	•••	Jhelum Kapurthala Amritsar			Kashmír. Ferozepore. Kapurthala.

The only work of this kind that will then remain will be-

<u>~~~</u>	-	Rive	r.	· === : ;====:		Rìght ba	ank.	The second secon	Left bank.
Sutlej	•••	•••	•••	•••	•••	Montgomery	***	***	Baháwalpur.

I recommend that an officer be deputed in October 1908 to lay down a fixed boundary of jurisdiction here.

There will still remain the boundary between the Punjab and the United Provinces on the Jumna, and it is now time that arrangements were made, in consultation with the Government of those Provinces, to lay down a permanent boundary on that river. When that has been done there will no longer be left anywhere in the Punjab a varying river boundary either of jurisdiction or of proprietary right, and one fruitful source of uncertainty and litigation, and worry and waste of the time of all grades of officers, will have ceased to exist.

I have, &c.,

J. WILSON,
Settlement Commissioner, Punjab.





STATEMENTS.

Statement No. I.—Showing Progress made in Remeasurement and Attestation during the year ending 30th September 1902.

16		Bonares.												
15		.1470Т СТАБ.	4,973	16,427,076	9,455,855	2,635,105	12,090,960	2,090	206	2,997	1,544	784	2,328	
14	ROVINCE.	Total Marth-West Frontier Province.	1,649	5,753,409	2,724,855	1,203,253	3,928,108	623	376	066	381	106	187	
13	RONTIER P	Khwarra Nilab Circle (Peshawar).	16	99,252	:	99,252	99,252	:	i	:	:	16	16	
13	THE NORTH-WEST FRONTISR PROVINCE.	Derz Ismail Khan,	460	2,174,047	2,102,589	71,458	2,174,047	456	4	460	312	28	349	
11	S OF THE NO	Коћас.	288	1,705,042	547,624	833,302	1,380,926	112	167	269	ខ	98	87	
10	Districts or	.sråzeII	888	1,775,068	74,642	109,241	273,883	13 13	215	270	18	17	35	
6		-sid dajang letoT	3,324	10,678,667	6,731,000	1,431,852	8,162,852	1,467	531	1,998	1,163	849	1,841	
œ		.ildwadild *	373	3,860,538	3,841,849	18,689	8,860,538	369	4	373	234	109	343	* Includes 30 villares in Ders Cheri Kran
1 2	_	Attock (Rawalpindi).	194	416,781		67,353	67,353	:	83	33	:	Ħ	1	illaces in Der
9	тни Рекъл	Muzaffargarh.	769	2,019,887	2,019,897	न्यत	2,019,887	694	:	692	009	691	769	Includos 80 v
20	Distracts 0.8	.bsdszñàH	512	872,604	:	18,954	18,954	:	H	1		;	:	
4	Dis	Jhang.	828	1,580,460	:	274,410	274,410	•	169	169	:	153	153	
8		Fazilka (Ferozepore).	329	866,902	866,902	:	866,902	329	:	329	329	:	329	
2		Sirsa (Hissár).	325	1,056,485	2,362	1,052,446	1,054,808	E	325	325	:	246	246	
			ement	Acres.	:	:	;	÷	:	:	3	:	:	
1			Total rumber of villages under Settlement	Total area under Settlement A	In previous years	luring the year	Total to date	f In previous years	During the year	Total to date	In previous years	During the year	Total to date	
			Total camber c	Total area und		irani a Saba ni		en My be	LLAGES OH THR AVE BE MPLETI	TH W	e be- let- let- sely	LLESTE IND BIN EDS HY ICH LHI ICH LHI ICY CES	ED V Bee CO Hai	

Statement No. II.—Showing Progress made in Re-assessment during the year ending 30th September 1902.

07		Penares.	920	~ -	567 71 71	- 9g	94	485		29	20	60	10 00	120	334	10	
er -		GRAND TOTAL.	16,427,076	:	1,811,667 14,615,409 23,42,571	3,45,486	93,994	495 1,811,667	3,45,486	1,811,6	3,45,486				93,994	9,74,301	
+1	ROVINCE,	Total of the North- Ord Pepting Pro-	5,753,409	:	99,252 5,654,157 7,78,122	5,000	1,918	16 99,252	5,000 16	99,252	5,000	~	F1 F4	1	1,918	2,34,166	
70	ERONTER PROVINCE	Kliwarra (Peebawar).	99,252	:	90,252 3,082	5,000	1,918	16 39,252	5,000	99,252	5,000	H	:	:	1,918	:	
31	THE NORTH-WEST F	Den Ismail Khan.	2,174,647	:	2,174,047	:	;	:::	: :	;	:	:	H	21	: :	17,966	6
 :	40	Koliste,	1,705,042	:	1,705,042	:	:		· :	:	24	:	::	61	: :	66,200	000
07	DISTRICTS	,£rikz6H	1,775,068	:	1,775,068	;	: :	111	::	i	ි :	:	: :	ಣ	: :	1,50,000	000
- ·		definal of the Polisical defination.	10,673,667	8	8,961,252 15,64,440	384,04,6	92,076	479	3,40,486	1,712,415	3,40,486	61	40	າລ	92,076	7,40,135	, , , , , , , , , , , , , , , , , , ,
		.ilkwakiM	3,860,538		3,860,538		i		: :	i	6N :	:	61	::	::	70,131	
-	å.	Attock (Rawalpiroli).	416,781	:	416,781			A	: :	:	:	3	: :	-	: :	50,000	
	THE PUNAB.	.ศ.รอสามิกรมM	2,019,587	:	845,513 1,174,374 1,43,550	1,64,422	21,072	150 845,513	1,64,422	845,513	1,64,422	7		:	21,172	1,21,000	
	sraicrs or	.bedezüdH	872,604	:	872,304 3,28,488	i	:	: : :	: :		;	:	:	- -	: :	2,25,000	
'	ã	-zaut	1,580,460	:	1,580,460	:	:	:::	::	:	:	:	: :	ers	: :	1,12,000	
_		Fázilka (Ferozepore).	206,998	:	866,902 1,05,060	1,76,064	71,004	866,998	1,76,064	866,902	1,76,064	-	:	:	71,004	11,004	
		Sirsa (NissiN).	1,056,495	:	1,050,495	:	; ;		::	:	:	:	7	: :	: :	91,000	cac to
			(Total area in deres	A se Area of which assessments have	A year Area sti	RANGE TO BE TO TO THE STATE OF ASSESSMENT.	sam (Increase per	1N 91		V S H Z Forai to Total area, date. Total new	Total due Rs.	ment Officer Submitted by Settlement Officer	ная	still due to Government Increase of assessment as a	'830		the first for th

iv

Statement No. III. - Duration and Cost of Settlement Operations.

16	Grand Total.	:	;	;	:	;	2,16,722	33	4,92,452	11,97,440	21,41,233	18,63,114	
14 ROVINCE.	to atoritica of Totor. Meet Fron- dorch-West Fron- dor Province.	;	;	:	:	:	1,19,467	69	2,09,587	5,18,591	9,13,172	6,68,424	
13 14 BROWINGE	elotid dàlite-Nilép Gitole (Peabéwat).	:	:	:	:	:	:	:	;	:	:	:	
11 12 THE NORTH-WEST	Dera Ismeil Khan.	Octr. '98	Decr. '01	Decr. '02	April '03	40, lind A	6,955	23	43,532	1,77,725	2,03,900	1,80,008	
10	Корас	Octr. '99	March '03	Septr. '03	Decr. '03	March '04	54,942	45	62,006	1,63,251	2,38,500	1,91,740	·
10 DISTRICTS	Hazára.	Octr., '00	Octr. '05	Octr. '05	Octr. '05	9061	67,570	186	1,04,049	1,77,615	4,64,772	2,96,676	
6	eseivated of the Districtsdsigut ed to	:	ŧ	:	:	:	97,255	£\$.	2,82,865	6,78,849	12,28,061	11,94,690	
9C	.liknakili.	Octr. '98	June '02	Decr. '02	Decr. '02	April '04	1,885	65	160'97	1,68,008	2,02,600	1,80,008	
3.	Attock (Rawalpindi).	Octr. *01	Octr. 03'	1903	1904	1904	10,140	46	13,136	13,136	1,06,109	75,270	
6 THE PUNJAB.	Museffargarh.	Oetr. '97	Deer. '99	Decr. '02	Decr. '02	May '03	:	:	48,888	2,79,289	2,97,009	2,62,928	 ,
DISTRICTS OF	.bsdazbàd.	Jane 02	M		5	Decr. '04	:	;	7,772	7,772	1,84,966	1,84,966	
4 Q	Jhang.	0ctr. '01	Septr. '03	Septr. '03	Septr. '04	March '05	81,923	74	71,938	71,938	2,67,403	3,21,544	
m	Frizilka (Ferozepore).	Feby, '00	Septr. '01	June '02	April '02	July '02	•	:	21,502	65,168	84,987	186'78	•
61	Gree (Hieser).	A pril '01	Augt. '02	Novr. '02	Jany. '03	April '03	53,307	32	73,538	73,538	84,987	84,987	
		Dato on which Settlement operations commenced	(Measurements	of comment actual date Revision of records	Re-assessment	Settlement operations		district Staff reduary Cost per square mile remeasured,		Settlement Geducting	lary district staff. Now estimated for the whole Operations of Settlement, Rs.	As estimated in the Forecast Esport Bs.	