

Annual Report  
of the  
Department of Land Records in the  
Bombay Presidency Including Sind  
for the year  
1911-1912

Government

1913

ANNUAL REPORT  
OF THE  
DEPARTMENT OF LAND RECORDS  
IN THE  
BOMBAY PRESIDENCY  
INCLUDING  
SIND  
FOR THE YEAR 1911-1912.

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CURRENT No. 448 OF 1912.  
L.R.

From

THE HON'BLE MR. F. G. PRATT, I. C. S.,  
Settlement Commissioner and  
Director of Land Records, Poona;

To

THE CHIEF SECRETARY, TO GOVERNMENT,  
Revenue Department, Bombay.

*Kolaba District,  
Camp Nagathna, 10th November 1912.*

Sir,

I have the honour to forward herewith the Annual Report of the Department of Land Records for the year ending 31st July 1912.

2. In the Northern Division much of Mr. Mehta's time was taken up with the work of the Talukdari Surveys which are now drawing to a close.

In the Central Division Mr. Gordon's tour and work were much interfered with by ill health which finally made it necessary for him to take leave after the end of May. But as will be seen from the body of the report he did much useful work of a permanent nature before he went.

Mr. Wiles in the Southern Division did a good year's work and toured with activity.

3. My office establishment has worked hard and well under the able and untiring supervision of my office Superintendent, Mr. Zuzarte.

I have the honour to be,

Sir,

Your most obedient servant,

F. G. PRATT,

Settlement Commissioner and  
Director of Land Records.

## Department of Land Records.

### CHAPTER I.

#### PREFATORY.

The charge of the Department was held by me throughout the year, except for a period of two months and 10 days from 1st August to 10th October 1911, when Mr. J. McNeill, I. O. S., was in charge.

2. The offices of the Superintendents, Land Records and Registration, Northern, Central and Southern Divisions, were held by the following officers for the periods specified against them:—

Northern Division	...	{	Khán Bahádur P. R. Mehta, M. R. A. C.	Throughout the year in addition to his duties as Assistant Settlement Officer, Tálukdari Survey.
Central Division	...	{	Mr. R. G. Gordon, I. O. S.	From 1st August 1911 to 30th May 1912.
		{	Mr. E. J. Bolus, I. C. S.	From 31st May 1912 to 31st July 1912.
Southern Division	...	{	Mr. G. Wiles, I. C. S.	Throughout the year.

Khán Bahádur P. R. Mehta, M. R. A. C., held charge of the office of the Assistant Settlement Officer, Tálukdari Survey, throughout the year.

Mr. J. A. McIver held charge of the office of the Superintendent, Government Photozinc Department, from 1st August 1911 to 13th March 1912 from which date he proceeded on combined leave. Mr. A. W. Audy was in charge of the office for the rest of the year.

3. During the period under report Mr. McNeill visited three Districts. I toured in 17 Districts (including the Districts of Thar and Parkar, Hyderabad, Karáchi, Sukkur, Upper Sind Frontier and Lárkána in Sind) for inspection, inquiries and arrangement of working plans with the local officers especially in those Districts which were confronted with problems of peculiar difficulty. Particular attention was given to Sind where I toured for a month in February and March and I again visited Karáchi in June to meet a Conference of District Officers which was assembled by the Commissioner in Sind. The Conference lasted 5 days and resulted in the settlement of many important questions of Land Records and Land Revenue Administration. It was also decided to make a beginning in the following fair season of the measurement of sub-divisions in Sind.

#### *Superintendents' movements and supervision.*

4. All the Superintendents toured in their respective charges for the supervision and inspection of the work of the Land Records Staff, Record-of-Rights and the measurement of sub-divisions.

### CHAPTER II.

#### LAND RECORDS ESTABLISHMENT.

#### *Establishments under the Divisional Superintendents.*

5. Besides their own establishments and the establishments of the District Survey Offices, the Field parties worked under the immediate control and

supervision of the Superintendents and their work is described in Chapter III of this Report.

*Training of Junior Civilians.*

6. Four Junior Civilians and one Probationary Deputy Collector underwent a course of instruction in survey and settlement matters in their respective districts under the supervision of the Divisional Superintendents. Three of these officers were declared to have duly qualified themselves.

*Training of Circle Inspectors in Survey.*

7. Central classes for the training of Circle Inspectors in Survey were opened in Poona and Belgaum. The Thána Circle Inspectors who have been trained at Belgaum were trained at Poona which is for them a more convenient centre. No class could be held in the Gujarát districts owing to the prevalence of famine. The classes were as usual conducted by the Field Party Surveyors under the general supervision of the Superintendents. After preliminary instruction the candidates underwent a practical course in measuring at the Divisional Head Quarters under the surveyors and an independent course of measurement in their own districts under the District Inspectors. On the conclusion of this course the candidates were examined by the Superintendents.

8. Of the six candidates from the Thána district, four passed the survey test while two completely passed the Circle Inspector's Examination. In the Central Division out of the 21 candidates 14 passed the survey test, but only 11 were declared to have completely passed the Circle Inspector's Examination. Of the 41 candidates who attended the class at Belgaum 22 passed the Survey test, while the number who completely passed the Circle Inspector's Examination was 17.

9. Classes for the training of Village Accountants continue to remain in abeyance.

*District Survey Offices.*

10. The number of District Survey Offices remains the same as in the previous year. With a view to more efficient management all the District Survey Offices in the Central and Southern Divisions have now been placed under the entire control of the Superintendents. All the offices were inspected in detail by the Superintendents, and their work was found to be on the whole satisfactory. The records of the Thána Office referred to in last year's report have not yet been rearranged by the Superintendent's establishment and it appears that the work may require the employment of a small special establishment. The matter is receiving attention.

The system under which the establishments now employed in the various District Survey Offices are recruited and promoted appears to need reform. The Superintendents have represented that it is difficult under existing conditions to keep up the efficiency of the offices as the older and more experienced men retire. The matter will receive special attention and will be referred to again in next year's report.

*District Inspectors.*

11. The normal programme of duties was in many districts disturbed by famine and scarcity, but statement IV shows the work performed by the District Inspectors of Land Records. They appear on the whole to have done a sufficient amount of routine inspection and the Collectors are satisfied with the way in which they have performed their duties.

In the Northern Division Mr. C. D. Kavi, District Inspector of Ahmedabad, is specially praised by the Collector and the Superintendent. In spite of extra duties entailed by famine he succeeded in disposing of a large amount of useful work. In the Central Division the Collector praises the work of Mr. K. M. Vaishampayan, District Inspector of West Khándesh, but notices that his test work was less than it should have been. Mr. Bere, District Inspector of Land

Records, Ahmednagar, an experienced and conscientious officer, died during the year. The work of the other District Inspectors was sufficient and on the whole satisfactory.

12. A class was held at Poona from 11th September to 11th October 1911 for the training of Junior District Inspectors in theodolite and plane-table. The class was conducted by Mr. S. R. Bhagwat, L. C. E., Lecturer in Engineering in the College of Engineering. Seven District Inspectors and two candidates for the post of District Inspectors attended the class and all were granted certificates of proficiency.

#### *Circle Inspectors.*

13. In many districts of the Northern and Central Divisions the Circle Inspectors were relieved of their ordinary duties and were employed on special work entailed by famine and scarcity. And in some districts especially in the Konkan where the revision of the Record of Rights preparatory to re-writing was specially laborious and difficult, important routine duties such as repairs of boundary marks were neglected. The difficulty will in future be met by the employment of special establishments so far as possible, so as to leave the Circle Inspectors free to devote a proper share of attention to all branches of their work.

The Collectors in general speak favourably of the work done by the Circle Inspectors and care is being taken to keep up efficiency of the staff by proper attention to their recruitment, pay and promotion.

14. Boundary mark work was entirely suspended on account of famine and scarcity in Ahmedabad, Kaira, Panch Maháls, Dhárwár, in four Talukas of Sholápur, and in parts of Ahmednagar. The programme of repairs was completely carried out in only a few districts among which may be mentioned Sátara, Bijápur and Kánara, but in the majority of districts the reports received give no definite information on this point. Mere figures of boundary marks repaired are in themselves of not much value or interest without information as to the extent to which the year's programme of work was actually carried out. Care will be taken to see that next year's reports contain this information and it will be embodied in statement I.

15. Statement II gives details of measurement and classification work performed by the Circle Inspectors. Special attention has been given to this work in Sátara and a very creditable amount of work has been got through for which the Collector gives special praise to the Acting District Inspector Mr. Yardi. The arrears are still heavy in several districts, but the total amount of work disposed of in the year is in every division greater than in the past year and from many districts reports have been received of the success of the experiment mentioned in last year's report of making one or more selected Circle Inspectors solely responsible for measurement work alone.

The system will be still further developed and extended during the fair season of 1912-13 and will, it is hoped, permanently improve the quality of the work and prevent undue delays in future.

#### *Measurement of sub-divisions.*

16. The progress made in this work was greater than in any previous year. In the Surát District plane-table surveys were continued under the personal supervision of the Collector, Mr. Anderson. The Bárdoli Táluka, part of which had been mapped last season, was completed, also the whole of the Jálalpur Táluka and 13 villages of the Chorási Táluka. In Thána a special party controlled by the Superintendent of Land Records and Registration, Northern Division, completed all but 5 villages of the Salsette Táluka.

17. In the Central Division three special parties of trained measurers were employed under the Superintendent of Land Records and Registration, one in the Kopargaon Táluka of Ahmednagar, another in the Haveli Táluka of Poona and the third in the Bársi Táluka of Sholápur. The details of their work are shown below :—

District.	Táluka.	Number of villages completed.	Number of sub-divisions dealt with.
Nagar ... ..	Kopargaon ... ..	124	25,645
Sholápur ... ..	Barsi . ... ..	51	14,549
Poona ... ..	Haveli ... ..	14	11,392

In addition to the above work, the sub-division measurement work was carried out by parties locally organized in the Khed Táluka of the Poona District, in the Taloda, Nandurbar and Sakri Tálukas and in the Nawapur Petha of West Khándesh and in the Jalgaon and Jamner Tálukas of East Khándesh. These parties measured 22,374 sub-divisions in 154 villages.

18. In the Southern Division, the measurement of sub-divisions was carried out principally in the Dhárwár and Bijápur Districts. In the former district, the whole of the Ron Táluka was completed, 20,676 sub-divisions having been dealt with by 27 measurers. In the Bijápur District, the Hungund Táluka begun two years ago was completed by 6 measurers. One village in the Vengurla Táluka of the Ratnágiri District was also finished during the year under report.

19. Special enquiries will be made during the fair season of 1912-13 to ascertain how far the sub-division measurement work done in past years has been kept upto date, and I hope before the end of the season to be ready with proposals for a scheme for securing the regular maintenance of mapping as desired by Government in their review dated July 1912 of the Annual Report for the year 1910-11.

20. I am glad to bring to notice the good work done by Mr. Gordon as Superintendent, Land Records and Registration, Central Division in organizing and training the special measuring parties for sub-division work. He has drawn up a very useful code of technical instructions which will greatly facilitate work in future and will enable us to get better work at smaller cost. Another very useful piece of work performed by Mr. Gordon is a little Handbook or Manual of Land Surveying for Bombay Revenue Officers which I am about to submit to Government. The need of such a book has long been felt and it will be specially useful to Circle Inspectors and Junior Assistant Collectors.

21. Much valuable experience gained in the practical work of measuring sub-divisions is now being turned to account in other directions. Practically all the field measurement which our revenue Surveyors have now to deal with, consists of plotting interior detail into the existing frame work of demarcated survey numbers. For this purpose the detailed and elaborate system of survey by triangulation which was reasonable and proper in original surveys, is no longer necessary and can well be replaced by simpler and more summary methods of measurement in the field and the use of the area-square in the office for area calculation. These changes will, without reducing efficiency, make great economies of time and labour both in the field and in the office.

#### *Circle Books.*

22. The progress made in the compilation of Circle Books is shown in Statement V. The work is up to date except in two districts of the Northern Division, three districts of the Central Division and four districts of the Southern Division.

## CHAPTER III.

## SURVEY AND SETTLEMENT WORK.

## REVENUE SURVEY WORK.

*Northern Division.*

23. The following Survey Establishments were employed in this Division :—

(1) A Field party consisting of 10 permanent surveyors for the Gujarát districts.

(2) A Field party of 3 permanent surveyors for the Thána district.

During the Field season both Field Parties were fully employed and the amount of work done by them was adequate, and in the recess season they were employed on the examination of the field work done during the field season.

*Survey of the Tálukdári Estates.*

24. Owing to famine, the number of parties was reduced from five to three who were sent out to do the field work still remaining in the Broach, Kaira and Panch Maháls districts. The operations were severely handicapped by the failure of the rains and the consequent fodder famine and labour difficulties in Broach caused by the emigration of the labouring classes after the partial failure of the cotton and jowári crops. Work was started late and was carried on throughout the season under constant anticipation of interruption by the declaration of famine, which contrary to expectation never became necessary. The amount of work done has declined, but in view of the special difficulties of the season the progress made was satisfactory. The only work now remaining is the measurement of the Vantas in the Broach District and this will be completed by 2 parties during the ensuing field season. The Assistant Settlement Officer makes favourable mention of the work done by the Head Surveyor Mr. Bhailal Hargovandas and by the three Nimtandars, Messrs. Ranchodlal Bapuji, Devsbankar Kalidas and Keshavlal Tribhawan.

*Central Division.*

25. The parties which continued to work in this Division were :—

(1) The Central Division Field party, and

(2) The 2 Additional Field parties.

When the fair season began the surveyors from these parties were drafted off in large numbers to form the nucleus of special parties for the measurement of sub-divisions in the Deccan districts. The remainder were consolidated into one party under one Head Surveyor which carried on the work of survey of Inám villages. This party completely measured 9 Inám villages, partly measured 7 Inám villages and also did the complete classification of 12 Inám villages.

*Southern Division.*

26. The Field party in this division consists of 6 permanent surveyors. Of the work done by them during the year special mention may be made of the survey and settlement of Kurundwad and Ganeshpur, the survey of Devache Gothane, the classification of salt lands in the Devgad Tálúka and the reclassification for water of irrigated lands in the Ránebennur Táluka. The survey of the Pardi lands in the Ratnágiri District was finally completed. In the Ratnágiri District the Watap Establishment turned out a very large amount of partition work. An important reform carried through this year was the curtailment and simplification of the reports and returns relating to this work and the adoption of a uniform daily fee for measurement work which have largely reduced clerical work.

## REVENUE SETTLEMENT WORK.

*Northern Division.*

27. Original settlement reports of the Khalsa village of Chitrodia in the Jhalod Mahál and of the Inám villages of Majigam (Chikhli Táluka), Walnai and Wadhwan (Sálsette Táluka) and Siadla (Olpad Táluka) were submitted by the Superintendent, Land Records and Registration, and survey rates were introduced in the villages of Dholera (Dhandhuka Táluka) and Oganaj (Daskroi Táluká).

*Central Division.*

28. Original settlement proposals for 1 Government and 6 alienated villages and revision settlement proposals for 16 alienated villages were submitted by the Superintendent, Land Records and Registration. Revised survey assessments were introduced into 208 villages.

*Southern Division.*

29. Second Revision Settlement proposals for the Kalghatgi and Bankápur Tálukas of the Dhárwár district submitted by the Settlement Officer, Mr. Turner, were received in this office and submitted to the Commissioner. Revised rates were introduced in the tálukas of Dhárwár in the Dhárwár district and Parasgad in the Belgaum district.

30. The Survey Daftardár's office with the help of a special establishment completed during the year the work of calculating the Second Revision assessments of the Dhárwár and Parasgad Tálukas.

*City Surveys.*

31. The inquiry work of the Godhra City Survey is still in progress. An important amendment has recently been made of the District Municipal Act by Act X of 1912. Under this Act subject to a period of one year's limitation for appeals or suits finality is given to orders of a Collector or a Survey Officer deciding claims to property by or against a Municipality. This legislation, will, it is expected, be found very useful to Municipalities in protecting the rights of the public against the encroachments which have hitherto been found such a troublesome problem in Municipal Administration. City surveys will in future years be more freely undertaken in order to secure these benefits, but the difficulty of finding a sufficient number of competent surveyors for this class of work is at present seriously felt.

*Government Photozinc Department.*

32. The work turned out by this Department for the twelve months ending 31st July 1912 was 2,284,268 pulls valued approximately at Rs. 1,36,119-13-11 at a total cost of Rs. 1,00,123-5-3 leaving a balance of Rs. 35,996-8-8 in favour of the Department.

33. Useful work was done during the year in production and issue of revised and up-to-date editions of several táluka and district maps.

34. The new editions are based upon the Government of India topographical survey sheets and are thus a great improvement on the old táluka maps many of which were based merely upon the Provincial Revenue Surveys.

## CHAPTER IV.

## RECORD OF RIGHTS.

35. As in the previous year the work in connection with the Record of Rights consisted chiefly in the preparation of a new edition by revision and

rewriting in new forms. Satisfactory progress was made in nearly all districts, but in some the work was delayed or suspended on account of the prevalence of famine conditions. The districts where the heaviest arrears still remain are Kaira in the Northern Division, Poona, Ahmednagar and Sholapur in the Central Division and Bijapur in the Southern Division. This first edition of the Record is now complete in the following districts:—

Northern Division	...	...	Ahmedabad, Panch Mahals, Broach and Surat.
Southern Division	....	...	Belgaum, Kolaba and Kanara.

36. The orders of Government contained in Government Resolution No. 8965 of 23rd September 1911 made ample provision for the cost of the special establishments required to help the ordinary district staff in this work. The first allotment of Rs. 70,000 was made for the year beginning April 1, 1912, and it began to be utilized from the beginning of March about half way through the year dealt with in this report. Special establishments were entertained in almost every district and have cost up to the date of writing in round figures Rs. 38,000. The money has been very usefully spent and reports from every district continue to show that there has been a great improvement in the standard of accuracy of the new records. In the Thana and Ratnagiri Districts the old records were often so inaccurate that the revision practically amounted to the preparation of a new record based upon a new and careful enquiry in the field. Future revisions will not, it is hoped, be so laborious or so expensive.

37. The Record of Rights is now also the Record of Liabilities in nearly every district and this change will to a certain extent automatically make for more careful and regular maintenance and greater accuracy. At the same time care is being taken to insist upon punctual reports by landholders of acquisitions of rights especially by way of partitions and of redemptions of mortgage and to levy deterrent fees in cases of neglect or delay in reporting. It may therefore be expected that the cost of the periodical revision and rewriting of the record will in future be considerably less than it is now in this first revision.

38. The cost of the special establishments employed for the revision of the Record during the year ending 31st July 1912 was Rs. 36,108 as follows:—

Northern Division.		Central Division.		Southern Division.	
	Rs.		Rs.		Rs.
Ahmedabad	216	West Khándesh	570	Belgaum	384
Panch Mahals	120	Ahmednagar	4,450	Dhárwár	5,581
Thána	2,117	Násik	4,811	Kolába	539
		Poona	4,488	Ratnágiri	4,309
		Sholápur	944	Kánara	2,584
		Sátára	4,995		

39. Initial records were compiled for 5 Sharakati villages and for the Poona City and Suburban Municipal areas in the Poona District; for 1 Sharakati village and 7 Municipal areas in the Sátára District; for 4 Sharakati villages and 1 village recently made Khalsa in the Alibag Taluka of the Kolaba District and for 4 newly made Khalsa villages, 4 Sharakati villages and 5 Municipal areas in the Ratnagiri District.

40. During this year a very useful piece of work has been done by Mr. Wiles, Superintendent, Land Records and Registration, Southern Division, which may be described in his own words:—

“During the season I have been in continual correspondence with the Director and the other Superintendents regarding the Record and have embodied in a Manual what, it is hoped, will prove final instructions.”

This Manual was revised where necessary by the Commissioners in conference and was recently submitted to Government for approval and publication.

41. The compilation of Standing Orders in the Land Records Department was also thoroughly revised and brought up-to-date and submitted to Government for approval after scrutiny and revision by a conference of Commissioners.

F. G. PRATT,  
Settlement Commissioner and  
Director of Land Records.

## APPENDIX A.

Statement I showing crop, waste, boundary marks and other inspection carried out by Circle Inspectors in the Districts during the year 1911-12.

Name of District.	Number of Circle Inspectors in each District.		Number of Government villages in each district.	Number of days actually devoted to inspection work.	Crop Inspection.		Waste Inspection.		Repair of boundary marks.			Inspection of Tagal work.		Examination of birth and death registers.		Record-of-Rights Inspection.				
	Total.	Number Inspected.			Total number of occupied survey numbers.	Number of survey numbers inspected.	Number of waste numbers other than forest.	Number inspected.	Number of villages in which repairs were effected during the year.	Number of marks found out of repair.	Number of marks repaired by		Number of Tagal works examined.	Number in which work was finished.	Entries checked.	Errors detected.	Entries in Village Form No. 1—O checked.	Errors detected.	Entries in Village Form No. 1—D checked.	Errors detected.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<i>Northern Division.</i>				Average.																
Ahmedabad ...	17	448	418	168	171,220	23,533	35,055	3,809	11	-	...	...	1,149	981	9,192	140	17,221	55	15,060	3
Kaira ...	20	525	525	119	300,200	30,950	37,901	4,213	...	...	...	...	2,671	247	23,829	252	39	...	34,246	7
Panch Mahals...	14	427	404	203	75,384	9,836	11,869	1,322	...	...	...	...	110	102	8,044	12	37,581	89	1,738	
Droach ...	15	407	401	162	127,573	15,710	10,431	1,800	11	16,708	12,878	2,063	26	17	10,653	84	169,366	1,769	29,666	1.3
Surat ...	23	616	770	61	245,647	23,754	11,689	1,516	116	147,644	137,001	10,643	18	16	12,437	164	77,779	1,015	40,942	6
Tbāna ...	37	1,548	1,411	108	178,153	25,655	17,485	3,139	172	44,363	21,192	23,171	52	42	10,889	193	169,508	1,480	75,573	6
<i>Central Division.</i>																				
East Khāndesh...	49	1,734	1,738	121	2,024	19,453	6,624	2,232	256	245,917	240,427	5,490	174	151	18,658	456	78,537	...	34,109	...
West Khāndesh.	34	1,212	1,202	154	133,599	20,307	16,667	2,564	123	62,873	71,651	8,223	298	286	22,640	197	141,790	...	39,846	1.5
Nāsik ...	42	1,532	1,444	193	228,663	17,660	13,075	1,540	172	154,134	107,010	36,969	84	52	13,206	71	142,329	...	251,556	
Ahmednagar ...	35	1,238	1,223	81	222,560	29,705	5,843	1,363	64	52,036	29,123	29,001	433	193	22,898	261	63,703	22	56,785	7
Poona ...	20	1,007	939	106	204,243	16,265	2,633	994	127	122,569	90,806	25,674	178	150	9,319	152	28,001	150	42,471	2
Ehōlpur ...	17	669	609	150	112,016	10,764	1,973	623	40	34,466	31,969	1,523	440	350	8,219	56	14,466	67	21,414	2.3
Sātara ...	32	964	925	92	224,320	15,181	1,689	403	117	162,250	155,820	13,421	133	106	9,429	202	58,528	1,820	51,034	1.5
<i>Southern Division.</i>																				
Belgaon ...	30	914	914	203	168,575	14,532	4,997	1,158	128	59,312	40,872	18,440	544	452	10,981	220	220,841	1,807	23,470	1.47
Bijāpur ...	32	1,013	1,013	225	180,685	15,823	2,964	1,463	69	91,265	84,061	7,294	66	89	15,552	305	33,702	68	22,281	7
Lhārwar ...	41	1,259	1,248	165	182,003	19,637	8,834	1,511	44	9,321	7,024	1,169	288	160	18,041	282	94,595	712	110,498	5.14
Kolāba ...	33	1,541	1,315	149	151,984	6,402	6,687	901	109	42,419	33,649	8,770	3	3	7,743	48	431,325	1,001	11,319	1
Batrāgiri ...	22	1,340	974	134	183,000	4,881	4,672	1,918	49	32,214	17,384	14,800	2	2	8,403	163	28,449	1,034	37,066	9
Kānara ...	32	1,417	1,341	144	130,432	18,407	12,273	2,276	104	42,341	31,896	10,418	14	11	9,287	151	49,418	357	68,891	2.40

\* Including 18 forest villages.

F. G. PRATT,  
Settlement Commissioner and  
Director of Land Records.

## APPENDIX A—continued.

Statement II showing the measurement and classification work performed by  
Circle Inspectors during the year 1911-12.

Name of District.	Arrears at the beginning of the year.		New cases received during the year.		Disposed of during the year.		Balance at the close of the year.		Remarks.
	Measurement.	Classification.	Measurement.	Classification.	Measurement.	Classification.	Measurement.	Classification.	
1	2	3	4	5	6	7	8	9	10
Ahmedabad ...	141	6	297	4	361	10	67	0	
Kaira ...	61	0	425	8	385	8	101	0	
Panch Mahals ...	24	2	25	0	29	1	20	1	
Broach ...	27	0	144	0	143	0	28	0	
Surat ...	75	1	323	7	315	7	83	1	
Thána ...	72	15	267	53	280	62	59	6	
Total ...	400	24	1,471	72	1,513	88	353	8	
East Khándesh ...	44	0	522	0	461	0	105	0	
West Khándesh ...	58	0	143	2	186	2	15	0	
Násik ...	93	0	515	0	460	0	128	0	
Ahmednagar ...	49	3	241	5	231	7	59	1	
Poona ...	172	0	374	1	420	1	126	0	
Sholápur ...	122	0	250	2	315	2	57	0	
Sátára ...	351*	6*	290	14	443	10	198	10	* The figures shown in columns 8 and 9 in the last year's report were erroneous.
Total ...	889	9	2,335	24	2,536	22	688	11	
Belgaum ...	152	1	486	3	423	3	215	1	
Bijápur ...	252	0	313	8	359	7	206	1	
Dhárwár ...	164	0	311	0	256	0	219	0	
Kolába ...	115	3	99	4	172	7	42	0	
Ratnágiri ...	36	40	144	94	124	111	56	23	
Kánara ...	327	9	266	18	310	16	283	11	
Total ...	1,046	53	1,619	127	1,644	144	1,021	36	

F. G. PRATT,  
Settlement Commissioner and  
Director of Land Records.

Statement III showing the test of Village Officers' and Circle Inspectors' inspection work

Name of District.	Number of Government villages.		Number of villages in which boundary marks repair was examined.	Number of survey numbers in which crop record was checked.		Number of villages in which birth and death registers checked.	
	Total in the district.	Number visited during the year.		Village Officers' work.	Circle Inspectors' work.		
1	2	3	4	5		6	
Ahmedabad	Sub-divisional Officers ...	449	469	3	872	100	267
	Mámlatdárs ...	443	418	.....	1,965	510	387
Kaira	Sub-divisional Officers ...	525	275	1	865		142
	Mámlatdárs ...	525	491	.....	1,945	815	428
Panch Máhala.	Sub-divisional Officers ...	427	408	.....	148	.....	154
	Mámlatdárs ...	427	427	.....	550	215	281
Broach	Sub-divisional Officers ...	407	347	16	835	442	285
	Mámlatdárs ...	407	349	198	3,425	1,057	.....
Surat	Sub-divisional Officers ...	816½	643	52	4,430	478	332
	Mámlatdárs ...	816½	712	89	7,558	1,887	698
Thána	Sub-divisional Officers ...	1,543	627	391	1,463	588	471
	Mámlatdárs ...	1,548	1,075	179	12,981	2,945	972
East Khán-desh.	Sub-divisional Officers ...	1,734	511	37	789	122	356
	Mámlatdárs ...	1,734	1,340	142	3,985	1,183	1,093
West Khán-desh.	Sub-divisional Officers ...	1,212	595	47	691	810	447
	Mámlatdárs ...	1,212	1,085	107	3,850	782	930
Násik	Sub-divisional Officers ...	1,532	892	721	1,526	189	593
	Mámlatdárs ...	1,532	1,442	200	3,245	1,129	1,205
Ahmednagar.	Sub-divisional Officers ...	1,282½	547	25	733	203	324
	Mámlatdárs ...	1,282½	1,136	18	3,660	1,217	985
Poona	Sub-divisional Officers ...	1,007½	642	7	1,185	892	513
	Mámlatdárs ...	1,007½	898½	71	4,626	1,000	899½
Sholápur	Sub-divisional Officers ...	669	467	9	1,297	164	349
	Mámlatdárs ...	669	599	139	3,021	1,215	526
Sátára	Sub-divisional Officers ...	964	579	34	919	213	409
	Mámlatdárs ...	964	745	95	3,379	1,304	682
Belgaum	Sub-divisional Officers ...	914	373	34	583	259	215
	Mámlatdárs ...	914	680	61	2,232	621	569
Bijápur	Sub-divisional Officers ...	1,013	505	S. Nos. 196	361	80	296
	Mámlatdárs ...	1,013	950	S. Nos. 721	2,020	281	894
Dhárwár	Sub-divisional Officers ...	1,289	1,093	24	3,957	1,415	823
	Mámlatdárs ...	1,289	1,093	24	3,957	1,415	823
Kolába	Sub-divisional Officers ...	1,048*	260	11	225	135	225
	Mámlatdárs ...	1,541	1,131	29	2,943	657	1,047
Ratnágiri	Sub-divisional Officers ...	1,340	475	435	247	201	431
	Mámlatdárs ...	1,340	1,078	50	812	290	1,039
Kánara	Sub-divisional Officers ...	1,417	288	20	729	703	174
	Mámlatdárs ...	1,417	1,203	72	6,349	2,469	1,060

A—continued.

by Sub-Divisional Officers and Mánlatdárs in the Districts during the year 1911-12.

Birth and Death register.				Village Forms I—C and I—D.				Remarks.
Village Accountants' work.		Circle Inspectors' work.		Village Officers' work.		Circle Inspectors' work.		
No. of entries checked.	Errors detected.	No. of entries checked.	Errors detected.	No. of entries checked.	Errors detected.	No. of entries checked.	Errors detected.	
7		8		8		9		
1,108	42	135	8	1,913	99	1,700	92	
2,780	87	1,012	16	7,932	142	2,774	24	
392	14	...	...	334	35	...	...	
2,287	23	1,142	...	3,183	39	1,615	5	
298	2	321	...	65	1	29	3	
4,323	9	3,860	5	4,739	48	2,490	30	
807	14	805	3	1,639	217	3,219	257	
2,937	6	789	..	16,458	436	6,644	11	
1,975	22	200	...	8,359	189	3,204	52	
5,559	78	578	4	34,192	143	11,169	...	
2,852	74	227	7	18,715	453	8,316	177	
6,341	144	2,176	11	50,860	43	24,982	219	
1,333	52	100	4	938	68	987	41	
6,077	95	2,135	18	13,744	1,059	7,044	399	
1,673	28	498	8	1,064	40	10,994	206	
7,343	92	4,241	29	35,437	406	26,809	275	
2,287	13	...	...	6,808	191	284	10	
5,109	86	936	12	53,987	193	37,446	229	
1,051	82	293	8	4,190	240	4,485	275	
5,781	174	2,614	37	18,368	313	14,508	155	
1,190	13	400	...	5,596	...	5,066	...	
6,456	90	2,408	6	17,453	520	6,747	111	
1,123	22	283	4	1,645	36	1,510	42	
2,623	141	1,109	10	5,825	529	2,466	133	
2,504	99	243	...	5,228	121	4,429	7	
5,533	103	1,279	3	30,563	786	21,869	57	
} Not given.	182	} Not given.	13	1,157	...	5,681	...	
	57		8	11,466	...	11,077	...	
1,146	110	45	...	2,228	108	917	60	
6,312	70	921	4	4,571	38	2,160	10	
2,577	86	5,389	30	16,202	207	16,062	300	
2,577	86	5,389	30	16,202	207	16,062	300	
600	15	400	2	2,307	3	2,424	19	* Khoti sharakati villages excluded.
5,766	52	718	...	117,708	105	108,754	3	
1,902	43	555	12	8,846	210	2,046	66	
6,503	258	1,223	20	11,957	312	18,950	350	
1,042	10	32	...	331	55	5,610	30	
6,283	501	1,614	28	28,240	975	19,367	155	

F. G. PRATT,  
Settlement Commissioner and  
Director of Land Records.

Statement IV showing the details of work done by the

Name of District.	Number of Government villages in the District.		Total number of days devoted to all kinds of inspection.	Number of days devoted to test work.	Number of Circle Inspectors.	Number of Circles.	Crop and Waste Inspection numbers checked.						Number of villages in which boundary marks repair-examined.
	Total.	Inspected.					Early.		Late.		Waste.		
							Circle Inspectors' work.	Village Accountants' work.	Circle Inspectors' work.	Village Accountants' work.	Circle Inspectors' work.	Village Accountants' work.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Ahmedabad ...	448	133	119	119	19	18	25	181	7	37	9	86	49
Kaira ...	525	165	210	145	20	20	430	1,032	253	457	64	160	...
Panch Maháls ...	427	148	155	155	14	14	28	529	...	...	4	25	...
Broach ...	407	232	157	139	15	15	323	363	210	263	69	86	9
Sarat ...	616½	194	221	180	23	23	714	1,592	114	80	3	49	32
Thana ...	1,575	290	225	225	37	37	1,211	844	54	10	61	15	33
East Khándesh ...	1,734	171	137	137	49	49	186	319	82	110	28	19	141
West Khándesh ...	1,212	259	122	60	34	34	362	378	87	100	109	44	48
Nasik ...	1,532	197	121	...	42	42	61	30	15	19	...	...	95
Ahmednagar ...	1,228½	260	180	182	35	35	6	107	78	969	...	22	85
Poona ...	1,007½	192	165	165	29	29	194	165	41	135	7	34	20
Sholápur ...	669	271	201	201	19	17	179	188	153	400	8	11	30
Sátára ...	964	117	124	124	32	32	51	151	41	280	2	21	37
Belgaum ...	914	177	148	81	30	30	156	156	19	33	2	21	33
Bijápur ...	1,013	160	14	131	32	32	15	407	119	335	...	...	19
Dhárwár ...	1,289	257	150	32	41	41	105	120	42	66	...	...	60
Kolába ...	1,541	176	118	118	33	33	445	56	71	6	15	...	17
Ratnágiri ...	297	147	90	109	22	22	215	400	76	90	29	29	29
Kánara ...	1,417	113	140	140	32	32	...	648	...	...	...	...	8

A—continued.

## District Inspectors of the Districts during the year 1911-12.

Entries in the Return of Population and Agricultural Stock tested.	Entries in the Birth and Death Register tested.	Number of survey numbers tested.				Number of entries in Village Form 1—C and 1—D tested.	Number of Circle Books checked.	Number of Village Accountants examined in final test.	Number of Village Accountants trained by the Survey Department and examined in measurement work.	Taluka Forms Nos. 33 to 36-A checked.	Number of Tagá works inspected.	Number of entries in Village Form No. XV inspected.	Remarks.
		Measured by the Circle Inspectors.	Classed by the Circle Inspectors.	Measured by the General Duty Inspector.	Classed by the General Duty Inspector.								
15	16	17	18	19	20	21	22	23	24	25	26	27	28
...	277	83	2	46	3	1,095	48	...	...	257 forms in 4 Talukas.	4	80	* Iron pillars in the Suburbs of Daskroi tested.
...	604	139	...	62	16	4,062	494	...	...	7 Talukas.	50	93	
...	255	8	1	8	...	2,242	...	...	...	...	...	143	
...	1,117	21	...	6	5	17,499	104	...	...	5 Talukas.	...	170	
...	208	539	8	2	12	4,233	141	...	...	5 Talukas.	...	130	
...	1,214	50	10	8	2	8,093 1—C, 1,408 1—D. 8,371 1—E, 8,440	247	...	...	11 Forms.	...	509	
...	650	119	11	3	77	8,872	395	...	...	8 Talukas.	3	361	
...	1,007	102	33	11	18	2,067 1—C, 1,560 1—D.	447	...	...	8 Talukas.	18	318	
...	241	136	...	...	4	17,673	6	...	...	...	...	5	
90	1,368	40	2	6	1	1,600 1—C, 3,035 1—D. 8,364 1—D. 859	210	...	...	8 Talukas.	...	325	
...	890	137	1	16	4	11,004	350	...	...	8 Talukas.	25	166	
...	877	160	1	14	10	1,755 1—C, 1,071 1—D. 16,126 1—C, 2,856 1—D, 1,592 1—E, 1,382	110	...	...	2 Talukas.	8	335	
818	611	99	...	7	10	1,015 1—D. 11,004	23	...	...	6 Talukas.	2	411	
...	1,402	66	...	15	12	1,755 1—C, 1,473 1—D. 294 1—C, 2,037 1—D. 1,167	125	...	...	7 Talukas.	1	5	
28	683	266	...	4	6	1,167 1—C, 4,113 1—D.	108	...	...	8 Talukas.	1	49	
...	1,419	55	...	6	347	1,167 1—C, 4,113 1—D.	115	...	...	148	1	130	
16	529	31	0	3	1	1,167 1—C, 4,113 1—D.	168	...	...	7 Talukas.	...	164	
...	402	30	2	...	16	1,167 1—C, 4,113 1—D.	138	...	...	Checked.	...	162	
...	224	26	...	2	1	1,167 1—C, 4,113 1—D.	...	...	...	...	...	111	

F. G. PRATT,  
Settlement Commissioner and  
Director of Land Records.

## APPENDIX A—continued.

Statement V showing the progress of Circle Book compilation by the Circle Inspectors for the year 1911-12.

Name of District.	Number of Circle Inspectors on compilation work.	Total number of years and villages for which information was to be compiled in Circle Books.		Information compiled during the year.		Number of years for which information remains to be compiled.						Remarks.
		Number of villages.	Years.	Number of villages.	Years.	Rough Copy.		Village Copy.		Taluka Copy.		
						Number of villages.	Years.	Number of villages.	Years.	Number of villages.	Years.	
1	2	3	4	5	6	7	8	9	10	11	12	13
Ahmedabad ...	17	447	1	447	1	...	...	...	...	...	...	
Kaira ...	20	525	1	525	1	...	...	...	...	...	...	
Panch Mahals ...	5	145	1	145	1	...	...	...	...	...	...	
Broach ..	11	801	1	801	1	...	...	...	...	...	...	
Surat ...	21	{ 715 79	{ 2 3	{ 794	{ 1	{ 715 79	{ 1 2	{ 715 79	{ 1 2	{ 715 79	{ 1 2	
Thana ...	37	{ 1,290 285	{ 2 1	{ 1,271 285	{ 2 1	1,271	1	1,271	1	1,271	1	
East Khândesh ...	49	† 1,709½	1	1,709½	1	...	...	...	...	...	...	†The rest 24 Forest villages, *The other 18 villages are Forest Villages
West Khândesh ...	34	* 1,194	1	1,194	1	...	...	...	...	...	...	
Násik ...	12	{ 440 154 16	{ 1 5 6	{ 440 154 16	{ 1 5 6	...	...	...	...	...	...	
Ahmednagar ...	35	1,228	1	1,228	1	...	...	...	...	...	...	
Pona ..	28	{ 305 642	{ 2 1	{ 158 143 522	{ 2 1 1	{ 64 143 120	{ 2 1 1	{ 64 143 120	{ 2 1 1	{ 64 143 120	{ 2 1 1	
Sholapur ...	17	{ 57 203	{ 4 3	{ 57 39 85	{ 2 2 1	{ 57 164 39	{ 2 2 1	{ 57 79 85	{ 2 3 2	{ 57 79 85	{ 2 3 2	
Sátara ...	32	{ 409 957 7	{ 2 1 2	{ 261 932 7	{ 1 1 2	{ 148 261 96 117	{ 2 1 1 2	{ 148 261 25	{ 2 1 1	{ 148 261 25	{ 2 1 1	
Belgaum ...	30	{ 913 1	{ 1 2	{ 891 1	{ 1 2	22	1	22	1	22	1	
Bijapur ...	32	{ 395 618	{ 2 1	{ 395 501	{ 2 1	117	1	117	1	117	1	
Ishrwár ...	37	{ 148 1,141	{ 2 1	{ 6 1,122	{ 2 1	{ 142 19	{ 2 1	{ 142 19	{ 2 1	{ 142 19	{ 2 1	
Kolaba ..	33	{ 606 875	{ 2 1	{ 19 1,274	{ 2 1	895	1	895	1	895	1	
Ratnágiri ...	20	{ 296 1	{ 1 21	{ 296 1	{ 1 21	...	...	...	...	...	...	
Kánara ...	22	1,417	1	1,417	1	...	...	...	...	...	...	

*Part III of the Land Revenue Administration Report of the  
Province of Sind for the year 1911-1912.*

No. 436 of 1913.

REVENUE DEPARTMENT.

*Office of the Commissioner in Sind,*

*Government House, Karachi, 13<sup>th</sup> February 1913.*

1. Revised rates of assessment were not introduced in any táluka during the year under report. Appendix A is therefore blank. Proposals for the resettlement of táluka Nasirabad in the Lárkána District, tapas Malir, Mal and Thána of the Karáchi Táluka in the Karáchi District and tapa Kaloi of the Diplo Táluka in the Thar and Párkar District were sanctioned by Government during the year. Those for the resettlement of the Schwán, Dádu and Johi Tálukas in the Lárkána District, and Sukkur and Nausháhro Abro (now Garhi Yásin) Tálukas in the Sukkur District, were submitted to Government during the year, and have since been sanctioned, while those for the remaining tálukas of Guni, Badin, Tándo Bágó and Dero Mohbat of the Hyderabad District, and Nausháhro, Moro and Kandiáro of the Nawábsháh (formerly Hyderabad) District are still under the Commissioner's consideration, and will be submitted to Government as soon as possible.

2. Important changes have been effected in the Head Record Office to give effect to the reforms suggested by the Director of Land Records. These comprise;—

- (1) A re-arrangement of record-stands and re-distribution of rooms.
- (2) The appointment of a special establishment of 3 Mappers.
- (3) The appointment of a special establishment of 6 Munshis for indexing field books and bandis.
- (4) Raising the appointment of the Head Record Keeper to the grade of Mukhtyárkar.

3. Appendix B shows the nature and amount of work done during the year under report and in 1910-1911 in the Survey and Map Departments of the Head Record Office. To facilitate comparison with the previous year's table, the figures for the Jámráo tract are shown separately. Columns 2 to 13 will show that arrears, properly speaking, of correction work, have been wiped out. Altogether, corrections were carried out in the case of 7,385 survey numbers including 3,152 for reservations under sections 37 and 38, Land Revenue Code, as against 6,528 in 1910-1911. Entries for 547 survey numbers were tested in the office of the Superintendent, Land Records and Registration in Sind; errors were found in 9 cases and duly corrected.

The strength of the register-writers' establishment remained unaltered. But two of the writers were engaged for a considerable part of the year on the preparation of a ready-reckoner for calculating assessments. One hundred and fifty-four survey registers were written for Táluka Offices and 407 for the Record Office as against 210 and 224, respectively, in 1910-1911.

4. The total number of maps prepared was 10,258 as against 6,821 in 1910-1911. This large increase is due chiefly to demands from the Jámráo tract, especially from the Executive Engineer. That the office could supply this number of maps is due partly to increased efficiency, but chiefly to the fact that fresh printed copies of the majority of the deh maps from the Photozinco Office are now in stock, and the manual labour of preparing maps to send out to officers is considerably reduced. The rise in the number of maps prepared for printing in Poona (871 as against 608 in 1910-1911 and 203 in 1909-1910) is

entirely due to better organization. The special establishment of 3 Mappers, working since 24th April 1912, is employed in bringing up to date 2 clean copies of all the deh maps—one for the Head Record Office, the other to be sent for reproduction to the Photozinc Office, whenever necessary. One thousand and three hundred copies of maps were prepared during the year to replace torn office-copies as against 826 in 1910-1911. The arrears of the Mapping Department were very largely reduced during the year. The work of the Special Mapping Establishment is not likely to end before December 1913.

Eight hundred and eighty-one requisitions were received from officers for the supply of copies from field-books. Of these, 811 were disposed of as against 634 in the preceding year.

5. Appendix C shows details of survey work done by Tapádárs which was received for scrutiny in the Head Record Office. In spite of the fact that no assistance was received from Survey Parties, the figures show considerable increase. One Zabit continued to be employed in checking the bandis and field-books received from Táluka Offices. This man had, on several occasions, to be assisted by one of the register-writers.

6. The establishment engaged since November 1910 (Government Resolution No. 10324, dated 14th November 1910) on re-arranging records is progressing satisfactorily. Its labours are expected to end by the close of March 1913.

7. Another special establishment of 6 Munshis sanctioned in Government Resolution, Financial Department, No. 1115, dated 26th March 1912, has been working since 24th April 1912 at indexing the field-books and bandis in the Record Office, *i. e.*, the old field-books and bandis of the Survey Department and those received more recently. It is too early yet to speak of the progress of this work as, at the present rate, it will probably occupy the Munshis for several years.

8. The permanent re-organization of the Record Office, the consideration of which had been postponed till the arrears had been cleared off by the special establishment and the routine work of the office had been brought into a normal condition, will soon be taken in hand.

9. The number of Surveyors employed remained at 5. Owing to the unsatisfactory conditions of the season, and in view of the orders contained in Government Circular, Financial Department, No. 2706, dated 22nd August 1911, no Survey Parties were entertained. All the 5 Surveyors, therefore, worked independently. Measurement work was carried out in Táluka Guni of the Hyderabad District and Táluka Sháhdádpur of the Nawábsháh (formerly Hyderabad) District. One Surveyor was deputed for six weeks to settle a disputed boundary line between Baháwalpur State and Káshmor. Another was deputed for a similar period to prepare a site plan of the Sadar Bázár at Shikárpur and Magsi's village, together with a register of house-sites in these localities.

10. Appendix D gives details of the field-work done by the Surveyors and tests thereof taken by the Superintendent. Altogether 3,123 survey numbers with an area of 14,950 acres were measured. Considering the time during which the Surveyors were in the field, the amount of work turned out is very satisfactory. In the 78 survey numbers tested by the Superintendent no error of over 1 per cent. was found.

11. In connection with the recess work of Surveyors, entries regarding 140 survey numbers were tested in the Superintendent's Office and no errors were found.

12. During his tour the Superintendent tested the measurement of 60 survey numbers newly surveyed by Tapádárs and found an error of over 4 per cent. in 3 cases.

13. Survey papers of Revenue Tapádárs in the Thar and Párkar, Upper Sind Frontier, Sukkur, Hyderabad and Karáchi Districts, relating to 3,124 survey numbers were examined. In 583, mistakes were found, which were communicated by the Superintendent to the Sub-Divisional Officers concerned.

14. Fourteen Táluka Munshis and Clerks went up for a three months' survey training. As usual, they were trained for one and a half months in Hyderabad and for the remaining month and a half they went into the field and measured 58 survey numbers. The Superintendent tested 12 numbers and found no errors of any importance. These men and one Head Munshi, who had failed in the preceding year, were examined in the middle of December. All passed and were given certificates of proficiency.

15. The usual four weeks' Survey Class for Revenue Officers was attended by 2 Assistant Collectors, 1 Deputy Collector and 3 Mukhtyarkars. They all passed the Survey Examination and received certificates.

16. The following table shows the results of the Superintendent's examination of Táluka Forms Nos. 35 and 36 and Village Forms Nos. 15 and 16. Details of errors and omissions were forwarded to the Sub-Divisional Officers for transmission to the Mukhtyarkars concerned. In 1,450 cases out of the 1,509 shown in column 5, the errors were slight:—

Táluka.	Number of dehs examined.	Number of dehs found correct.	Number of dehs in which mistakes were found.	Number of mistakes discovered.	Remarks.
Káshmor	18	...	18	65	
Kandhkot	34	8	26	50	
Thul	28	8	20	25	
Jacobabad	28	5	23	54	
Ubáuro	24	...	24	141	
Shikárpur	16	...	16	88	
Garhí Yásin	31	5	26	93	
Sukkur	27	...	27	86	
Pithoro	20	1	19	33	
Jamesabad	35	1	34	86	
Mirpur Khás	20	4	16	40	
Nasrat	17	...	17	54	
Digri	18	...	18	96	
Sákrand	19	1	18	68	
Hála	5	...	5	12	
Nausháho Feroz	7	...	7	28	
Tándo Alláhyár	7	3	4	16	
Dero Mohbat	12	...	12	42	
Mirpur Bathoro	24	...	24	100	
Jati	24	...	24	111	
Shahbandar	23	2	21	71	
Sujáwal	8	...	8	39	
Tatta	20	3	17	60	
Karáchi	10	1	9	51	
Total	475	42	433	1,509	

17. The total cost of the Land Record Office for the year under report, including the cost of temporary establishments and of measurement and demarcation by Surveyors, was Rs. 61,120.

18. The preparation of a Record-of-Rights was undertaken during the year in the surveyed portion of the Karáchi Táluka of the Karáchi District, in the Jamesabad Táluka of the Thar and Párkar District, in certain dehs of the Rohri and Páno Akil Tálukas of the Sukkur District, referred to at the end of paragraph 23 of the report for 1910-1911, and for the agricultural lands within the municipal limits of Lárkána and Kambar. During the year it was found advisable to have a record prepared for all the agricultural lands situated within the limits of the municipal districts in Sind, and a recommendation was accordingly made to Government for the cancellation of the exemption contained in clause (6) of Government Notification No. 263, dated the 12th January 1904, relating to such lands, and was sanctioned by Government in their Resolution, Revenue Department, No. 5045, dated the 28th May 1912. Arrangements are in progress for the preparation of a Record-of-Rights for such lands.

19. The following table shows the amount of work done in the various tálukas in which a rough record was being prepared during the year:—

Name of district.	Name of táluka.	Total number of villages and survey numbers in the táluka.		Number of survey numbers in regard to which inquiries have been completed.	Number of entries made in the record.	Number of entries in regard to which test work has been completed.	Number of survey numbers in regard to which inquiries remain to be made.	Number of entries which remain to be tested.	Remarks.
		Villages.	Survey numbers.						
Karáchi	Karáchi	12	3,449	3,449	3,449	3,449	.....	.....	
Thár and Párkar.	Jamesabad	190	151,667	149,665	149,665	149,665	1,902*	1,902*	* Out of these the inquiry and test work with regard to 579 survey numbers was completed upto the end of November 1912, leaving a balance of 1,323 survey numbers.
Sukkur	Rohri	14	677	677	677	.....	.....	677	
Do.	Páno Akil	7†	2,539	2,531	6,886	4,653	5‡	1,234	† The correct number of dehs is seven and not six as was reported last year. ‡ Out of these, inquiry with regard to 4 survey numbers has since been completed. This work was commenced and completed after the 1st August 1912.
Lárkána	Lárkána	4 (Only portions of dehs situated within municipal limits.)	478	478	498	498	.....	.....	
Do.	Kambar	4 (Only portions of dehs situated within municipal limits.)	209	208	209	.....	.....	209	Out of these, inquiry with regard to 4 survey numbers has since been completed. This work was commenced and completed before 31st July 1912.

The completion of the preparation of the record in the Jamesabad Táluka was delayed owing to the difficulty of procuring the presence of several occupants who resided in other tálukas. The work could, however, have been finished much earlier, if it had been undertaken in a more business-like manner by the Mukhtyárkar. The attention of the Collector is being drawn to this fact, and he is being requested to have the work finished off as soon as possible. In Rohri and Kambar none of the entries made in the Record-of-Rights has yet been tested, whilst in Páno Akil 1,234 entries still remain to be tested. The attention of the Collectors of Sukkur and Lárkána is being drawn to this, and they are being asked to have all the entries tested by the Supervising Tapádárs concerned, as soon as possible. The Collector of Sukkur reports that in his district a Record-of-Rights has still to be prepared in one deh of the Ghotki Táluka, and that the question of ownership of the disputed land in the deh is still pending and will be decided soon. The Record-of-Rights has now been introduced throughout the Province, excluding the Desert and Kohistan tracts, which are exempt from the operation of the Act.

20. Appendix E, which has been prepared in the revised form in accordance with the orders contained in Government memorandum No. 6901, dated the 26th July 1912, shows the test of Tapádárs' and Supervising Tapádárs' inspection work by Sub-Divisional Officers. The appendix does not contain complete information of all the tests taken as, in some places, no regular record was kept of them. The District Officers are being requested to direct their Sub-Divisional Officers to keep a more accurate record in future.

The Sub-Divisional Officer, Tatta, checked only 200 entries made in Form I-O of the Karáchi Táluka during the year. The total number of entries made in the Record was 3,449. Thus the percentage of the Sub-Divisional Officer's test (5·8) was far below the percentage prescribed, viz., 10 per cent. No tests at all were taken by the Sub-Divisional Officer, Rohri, of the Record prepared during the year in the Rohri and Páno Akil Tálukas. He has been directed to attend to this work without delay. With regard to the Record-of-Rights work in connection with the agricultural lands within municipal limits in Lárkána and Kambar separate figures of tests have not been supplied by the Collector. He is being asked to see that the Sub-Divisional Officer, Lárkána, takes a test of not less than 10 per cent. in each case.

21. The following table shows the extent of the examination of the Record-of-Rights by the Superintendent, Land Records and Registration in Sind, during his tour :—

Name of táluka.	Number of dehs examined.	Number of survey numbers examined.
Ubauro	1	45
Kashmor	5	180
Kandhkot	4	135
Thul	2	110
Jacobabad	4	225
Shikárpur	1	75
Garhi Yásin	4	300
Nasrat	5	235
Shahdádpur (Hyderabad, now Nawábsháh District)	12	554
Mirpur Khás	2	47
Pithoro	3	96
Digri	2	58
Dero Mohbat	7	510
Guni	1	23
Mirpur Bathoro	3	160
Jati	2	70
Sháhbandar	11	263
Hyderabad	1	25
Tando Allahyar	3	130
Sákrand	6	258
Nausháhro	2	40

Such mistakes as were discovered by the Superintendent were either corrected or communicated by him to the Sub-Divisional and District Officers concerned.

22. The subjoined table gives the details of the temporary establishment entertained in connection with the initial preparation of the Record :—

Táluka.	Strength of additional establishment.	Monthly cost.	Period for which employed.	Total cost.	Remarks.
		Rs.		Rs.	
Jamesabad ...	2 Supervising Tapádárs ... Pay, Permanent travelling allowance, Contingent allowance 35 + 10 + 1 each.	92	6 months .	684	
	2 Kotars 9 + 2 ...	22			

No extra establishment was entertained for any of the other tálukas in which the Record was prepared.

23. In the case of the Jamesabad Táluka the Mukhtyárkar was assisted by his Head Munshi in the test work and for this purpose 30 dehs of the táluka were constituted into a mahál under section 7 of the Land Revenue Code, and the Head Munshi was appointed Maháلكari for the area.

24. The maintenance of the Record is receiving due attention. The Collector of Karáchi reports that in all the tálukas where the Record was promulgated in the previous year it is being kept up satisfactorily except in Tálukas Mirpur Sákró and Ghorábári, and that the attention of the Assistant Collector, Tatta, has been drawn to this fact. Similarly the maintenance of the Record-of-Rights in the Nausháhro Táluka of the Nausháhro Division is reported to be unsatisfactory. But it is hoped that the introduction of the new system of accounts in that táluka from the current revenue year will result in the mutations being brought up to date and the Record being thereafter properly

maintained. The Superintendent, Land Records and Registration in Sind, gives the following opinion on the question of the maintenance of the Record-of-Rights in Sind :—

“ During the last three years I find a great improvement in the quality of the Record-of-Rights work. Mistakes are not infrequent, but the Tapádárs understand their responsibilities better and the holders of rights also seem to realize the importance of the Record. The system of using the Record as the basis of revenue accounts appears to have considerable success.”

As reported last year the land-holders are recognizing slowly the importance and practical value of the Record. In several cases fines were inflicted under section 8 of the Record-of-Rights Act for failure to make such reports.

25. The Record of the following tálukas was fair-copied and promulgated during the year under report :—

Karáchi (surveyed portion only)	...	...	...	} Karáchi District.
Jati	...	...	...	
Sháhbandar	...	...	...	
Kandiáro	...	...	...	} Hyderabad District.
Sákrand	...	...	...	
Sháhdádpur	...	...	...	
Tando Allahyar	...	...	...	
Nasrat	...	...	...	} Colonization tract.
Digri	...	...	...	

In the Johi Táluka of the Lárkána District, Kashmor and Kandhkot Tálukas of the Upper Sind Frontier District, and Khipro Táluka of the Thar and Párkar District, the Record has been fair-copied and promulgated since the close of the year.

26. The provisions of sections 10 to 12 of the Record-of-Rights Act were applied during the year to the agricultural lands situated within the municipal limits of Rohri, Ghotki, Garhi Yásin and Sukkur in the Sukkur District, the Sir Amani tract of the Sháhdádpur Táluka of the Upper Sind Frontier District and the Sinjboro and Digri Tálukas of the Thar and Párkar and Hyderabad Districts (now Nawábshah and Thar and Párkar Districts respectively). They have also been applied, since the close of the year, to the Karáchi, Jati and Sháhbandar Tálukas of the Karáchi District, deh Khudi of the Hála Táluka of the Hyderabad District and the Nasrat Táluka of the Hyderabad (now Nawábshah) District. Proposals for the extension of the provisions of these sections to Táluka Tando Allahyar of the Hyderabad District, Táluka Sháhdádpur of the Hyderabad (now Nawábshah) District and Tálukas Kashmor and Kandhkot of the Upper Sind Frontier District will shortly be submitted to Government.

27. The Record-of-Rights was re-written in the following tálukas during the year :—

Kotri	...	...	...	} Karáchi District.
Mirpur Bathoro	...	...	...	
Tatta	...	...	...	
Sujáwal	...	...	...	
Pano Akil in the Sukkur District.				
Lárkána	...	...	...	} Lárkána District.
Kambar	...	...	...	
Ratodero	...	...	...	
Miro Khán	...	...	...	
Mehar	...	...	...	
Kakar	...	...	...	
Labdárya	...	...	...	

and

Pithoro in the Thar and Párkar District.

No extra establishment was entertained for this work except in the Lárkána District where an establishment of four Tapádárs in each of the seven tálukas mentioned above was sanctioned for a period of 2 months. The additional cost involved by this arrangement amounted to Rs. 545-5-11.

28. The system of using the Record-of-Rights as the basis of land revenue accounts was introduced in the following *tálukas* including those in which it had already been introduced in the previous years :—

Sujáwal	...	...	...	} Karáchi District.
Mirpur Bathoro	...	...	...	
Tatta	...	...	...	
Kotri	...	...	...	
Hyderabad	...	...	...	} Hyderabad District.
Tando Bago	...	...	...	
Moro	...	...	...	
Hala	...	...	...	
Dero Mohbat	...	...	...	
Badin	...	...	...	
Sukkur	...	...	...	} Sukkur District.
Pano Akil	...	...	...	
Shikárpur	...	...	...	
Garhi Yásin	...	...	...	
Rohri	...	...	...	
Ghotki	...	...	...	
Mirpur Mathelo	...	...	...	} Lárkána District.
Ubauro	...	...	...	
Labdárya	...	...	...	
Sehwán	...	...	...	
Dádu	...	...	...	} Thar and Párkar District.
Nasirabad	...	...	...	
Pithoro	...	...	...	
Umarkot	...	...	...	} Colonization tract.
Sánghar	...	...	...	
Sinjhero	...	...	...	
Mirpur Khás	...	...	...	} Colonization tract.
Nasrat	...	...	...	
Digri	...	...	...	
Thul in the Upper Sind Frontier District.				

Arrangements have been made for its introduction this year into all the remaining *tálukas* of the Province except two, *viz.*, Jamesabad and Sháhdádpur (Upper Sind Frontier District).

29. A conference was held at Government House, Karáchi, in June 1912, at which the Settlement Commissioner, the Heads of the districts in Sind, and the Superintendent, Land Records and Registration in Sind, attended to discuss several questions connected with the Land Records and Land Revenue Administration of the Province. It was decided at this conference to do away with the duplication of Village Form No. I-C referred to in paragraph 30 of the previous year's report and to substitute for the Settlement Register a simple land register to be maintained at the Head Record Office, containing information regarding survey numbers and their areas, and areas under village sites, canals, railways, etc. It was also decided to abolish Village Form No. I-D, Part II, which was sanctioned in Government Resolution No. 623, dated the 21st January 1911, and to omit the Khátedár's name from Village Form No. III (Numbershumari) and to utilize column 9 of the latter (name of occupant, etc.) for making entries of the names of tenants and conditions of tenancy. This change has been ordered to be made from the current year in all the *tálukas* where the revenue accounts have to be prepared on the basis of the Record-of-Rights. The most important decision unanimously arrived at by the conference was to give the sub-divisions of survey numbers, when demarcated, the status of survey numbers for the purposes of remissions and fallows.

W. H. LUCAS,  
Commissioner in Sind.

To

The Chief Secretary to Government,  
Revenue Department, Bombay.

APPENDIX B (*vide* paragraph 3).

Year.	Number of cases (including arrears) necessitating corrections in Survey Records.				Number of cases returned duly corrected.				Number of cases remaining for correction at the end of year.				Number of extracts from Survey Registers supplied.
	Survey Registers.	Maps.		Distribution statements and lists of Karis rebate.	Survey Registers.	Maps.		Distribution statements and lists of Karis rebate.	Survey Registers.	Maps.		Distribution statements and lists of Karis rebate.	
		English.	Sindhi.			English.	Sindhi.			English.	Sindhi.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1910-1911.	688	19	488	46	544 Nos. 6,528	19	418	41	144	...	70	5	739
1911-1912.	849	115	557	81	705	115	500	68	144	...	57	13	724
	213	1	918	...	204	1	869	.....	9	...	49	...	...
Total ...	1,062	116	1,475	81	909 Nos. 7,385	116	1,369	68	153	...	106	13	724*

Year.	Number of Survey Registers prepared and supplied to			Registers prepared for Record Office.	Number of maps supplied.						Maps prepared for printing.		Maps prepared to replace torn office-copies in the Record Office.
	Village establishment.	District Officers.	Petitioners.		Free of cost to village establishment.	On payment to village establishment.	To District Officers.		To petitioners on payment.		English.	Sindhi.	
							English.	Sindhi.	English.	Sindhi.			
1	15	16	17	18	19	20	21	22	23	24	25	26	27
1910-1911.	7	9	58	7	2,887	40	324	1,608	9	494	80	608	826
1911-1912.	..	...	69	..	3,105	94	268	2,289	4	714	8	871	1,300
	14	14	...	14	296	...	...	3,421	...	26	...	...	...
Total ...	14	14	69	14	3,401	94	268	5,710†	4	740	8	871	1,300

\* Of these, 24 extracts were supplied on payment to petitioners, the rest to Revenue authorities.

† Includes 2,138 maps supplied to the Executive Engineer, Jamrao Canals, unmounted and uncorrected.

J. W. SMYTH,  
for Commissioner in Sind.

APPENDIX C (*vide* paragraph 5).

District.	Number of talukas in which survey work was done.	Number of survey numbers received for examination and entry in the Survey Records including previous year's balance.	Number of survey numbers returned after making entries in the Survey Records, i. e., maps and registers.	Number of survey numbers returned without entry in the Survey Records with lists of errors.	Arrears at the end of the year.	Remarks.
1	2	3	4	5	6	7
Karachi ...	10	2,710	1,706	955	49	
Hyderabad ...	12	4,803	2,887	1,753	163	
Sukkur ...	8	3,728	2,816	859	53	
Larkana ...	11	2,085	1,786	266	33	
Thar and Parkar ...	8*	1,699	1,519	131	49	
Upper Sind Frontier ...	5	2,062	1,468	588	6	
Jamrao Tract ...	6	1,178	865	280	33	
Total for 1911-1912...	60	18,265	13,047†	4,832	386	
Total for 1910-1911...	52	17,776	11,780‡	4,663	1,333	

\* Inclusive of the non-Jamrao portion of Mirpur Khas and Sinjoro Talukas which form part of the Jamrao tract.

† Of these, only 128 were dealt with by Survey Parties.

‡ Out of 11,780 numbers, 852 were dealt with by Survey Parties.

J. W. SMYTH,  
for Commissioner in Sind.

APPENDIX D (*vide* paragraph 10).

Name of District.	Name of Taluka.	Amount of work done by Surveyors.		Test taken by the Superintendent, Land Records and Registration in Sind.		Percentage error in				Dates from and to which each man worked.
		Numbers.	Areas in acres.	Numbers.	Areas in acres.	1	2.	3	4 and over.	
Hyderabad	Guni ...	640	3,703	25	122	25	...	...	...	1st November 1911 to 18th March 1912.
	Guni ...	743	3,360	12	76	12	...	...	...	
	Shahdadpur ...	743	3,940	17	66	17	...	...	...	1st November 1911 to 2nd May 1912.
	Shahdadpur ...	201	1,111	14	85	14	...	...	...	
	Guni ...	64	288	...	...	...	...	...	...	1st November 1911 to 10th February 1912.
	Shahdadpur ...	492	1,981	10	47	10	...	...	...	
	Guni ...	40	198	...	...	...	...	...	...	
	Total	3,123	14,590	78	416	78	...	...	...	

J. W. SMYTH,  
for Commissioner in Sind.

APPENDIX E (vide paragraph 20).

Statement showing the test of Tapādārs' and Supervising Tapādārs' inspection work by Sub-Divisional Officers in the Province of Sind during the year 1911-1912.

Name of District.	Number of Government villages (dehs).		Number of villages (dehs) in which boundary marks repair was examined.	Number of survey numbers in which crop record was checked.		Birth and Death Register.				Village Forms 1-C and 1-D.				Remarks.	
	Total in the district	Number visited during the year.		Tapādārs' work.	Supervising Tapādārs' work.	Number of villages in which birth and death registers were checked.	Tapādārs' work.		Supervising Tapādārs' work.		Tapādārs' work.		Supervising Tapādārs' work.		
							Number of entries checked.	Errors detected.	Number of entries checked.	Errors detected.	Number of entries checked.	Errors detected.	Number of entries checked.		Errors detected.
1	2	3	5		6	7				8				9	
Karachi	843	420	6	5,334	333	117	533	63	43	...	1,945	11	263	...	
Hyderabad	1,300	823	3 dehs in Naushābro Division and 712 survey numbers in Hāla and Tando Divisions.	12,539	743 No record kept in Hāla Division.	41 No record kept in Tando Division.	199	...	5	...	18,860	9	16,910	9	
Larkana	753	671	50	18,303 survey numbers and 215 acres 39 gunthās big of measurement.	1,030 No record kept in Sehwan Division.	403	2,629 No record kept in Rato-dero Division.	195	No record kept	No record kept	20,041 No record kept in Larkana Division.	578	1,063 No record kept in Mithar Division.	26	
Sukkur	661	414	1,073	6,289	1,257	133	533	74	158	21	10,479	801	2,958	214	
Upper Sind Frontier.	423	420*	40	6,953	418	260	646 No record kept in Jacobabad and Shahdādpur Talukas.	6	...	...	11,578	No record kept.	...	...	* Out of these, 91 were visited twice.
Thar and Parkar...	556	317	145	3,237	1,301	143	1,462	74	570	9	9,055	43	4,064	10	
Colonization tract.	253	119	119	17,676	17,676	...	...	...	...	...	35,109	...	85,109	...	The figures in columns 1 to 5 are for the taluk of Jamesabad and Digi. The figures for Talukas Mirpur Khās, Sujhōr and Nasrat are not available as no regular record of them has been kept. The figures in column 9 are for Talukas Jamesabad, Digi and Mirpur Khās.

J. W. SMYTH,  
for Commissioner in Sind.