

Annual Report  
of the  
Department of Land Records in the  
Bombay Presidency Including Sind  
for the year  
1912-1913

Government

1914

ANNUAL REPORT  
OF THE  
DEPARTMENT OF LAND RECORDS  
IN THE  
BOMBAY PRESIDENCY  
INCLUDING  
SIND  
FOR THE YEAR 1912-1913.

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CURRENT NO.  $\frac{253}{L.R.}$  OF 1913.

*Poona, 18th November 1913.*

From

C. N. SEDDON, ESQUIRE, I. C. S.,  
Settlement Commissioner and  
Director of Land Records, Poona ;

To

THE CHIEF SECRETARY TO GOVERNMENT,  
Revenue Department, Bombay.

Sir,

I have the honour to submit herewith the Annual Report of the Department of Land Records for the year ending 31st July 1913.

2. The Divisional Superintendents all worked hard and well. Changes in the Central Division were, however, unfortunately frequent.

3. My office establishment continues to be efficient under its experienced and hard-working Superintendent, Mr. Zuzarte.

I have the honour to be,

Sir,

Your most obedient servant,

C. N. SEDDON,

Settlement Commissioner and  
Director of Land Records.

## Department of Land Records.

### CHAPTER I.

#### PREFATORY.

The charge of the Department was held by Mr. F. G. Pratt, I. C. S., upto 23rd June 1913. I held charge for the last few weeks of the year.

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

<i>Northern Division.</i>	...	{	Khán Bahádur P. R. Mehta, Throughout the year. M. R. A. C.
<i>Central Division.</i>	...	{	Mr. E. J. Bolus, I. C. S.... 1st August to 22nd August 1912.
			Mr. W. P. Cowie, I. C. S.. 23rd August 1912 to 4th March 1913.
			Mr. P. B. Haigh, I. C. S.... 5th March to 4th June 1913.
			Mr. A. F. L. Brayne, M. A., 5th June to 31st July 1913. I. C. S.
<i>Southern Division.</i>	...	{	Mr. G. Wiles, I. C. S. ... 1st August 1912 to 14th April 1913.
			Mr. G. H. Cowan, I. C. S.. 15th April to 31st July 1913.

Khán Bahádur P. R. Mehta, M. R. A. C., held charge of the office of the Assistant Settlement Officer, Tálukdári Survey, throughout the year in addition to his duties as Superintendent, Land Records and Registration, Northern Division.

Mr. A. W. Audy was in charge of the office of the Superintendent, Government Photozinc Department, from 1st August 1912 to 3rd June 1913. Mr. J. A. McIver, I. S. O., held charge from 4th June to the end of the year.

3. During the year under report Mr. Pratt toured in all the Districts of the Presidency except Sátára and Ahmednagar for inspection and consultation with local officers. He also visited Sind and toured in the Karáchi, Lárkána, and Hyderabad Districts. Mr. Pratt's touring was extremely thorough and extensive, and it lasted from October to the end of May. He was thus able to discuss and settle on the spot a large number of important questions.

4. The Divisional Superintendents of Land Records also toured actively through their respective Divisions for the supervision and inspection of the Land Records Staff, the examination of the Record-of-Rights, the measurement of sub-divisions, inspection of City Surveys, and other important duties.

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### CHAPTER II.

#### LAND RECORDS ESTABLISHMENT.

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

5. The establishments of the District Survey Offices and the Field Parties worked under the immediate control of the Superintendents. The outturn of the work of the Field Parties is described in Chapter III of this Report.

*Training of Junior Civilians.*

6. Junior Civilians were trained as usual in Survey and Settlement matters in their respective districts by the Divisional Superintendents of Land Records. In all 6 Junior Civilians and 2 probationary Deputy Collectors were trained, of whom 7 were declared to have been duly qualified.

*Training of Circle Inspectors in Survey.*

7. Central Survey Classes for the training of Circle Inspectors were opened at the Divisional Head Quarters in all the Divisions. Of the 98 candidates who attended the classes, 72 passed in the Survey test proper and 53 were declared to have completely passed the examination. Consequent on the orders passed in Government Resolution No. 4005, dated 28th April 1913, measurement work is now to be done by a small number of selected Circle Inspectors. In future they alone will receive a thorough survey training.

Classes for the training of Village Accountants in Survey which had remained in abeyance during the past three years were finally abolished under the orders of Government.

*District Survey Offices.*

8. The number of District Survey Offices remained the same as in the preceding year. The Superintendents made a detailed inspection of all the offices in their respective charges and their notes of inspection were forwarded to the Commissioners concerned for information. The outturn of work on the whole was satisfactory, a steady increase in routine work being noticeable and arrears being reduced to a minimum. A special establishment was sanctioned to sort and arrange the records in the Thána District Survey Office. The work, which appears to have been satisfactorily performed, is nearing completion. Proposals for a revision of the salaries of the District Survey Offices have been recently approved by Government. Similar proposals have also been submitted with regard to the Central Record Office, Broach, and are awaiting Government sanction.

*District Inspectors.*

9. The routine work performed by the District Inspectors is exhibited in statement IV of Appendix A. They appear to have generally carried out their duties satisfactorily, and I am favourably impressed by those I have seen. The District Inspector of Panch Maháls had to supervise survey operations in the Jambughoda State which extended to the testing of survey and classification in 17 and 16 villages respectively and to the test of the theodolite work in 30 villages in addition to his ordinary duties. Mr. Pratt specially commended the work of Mr. Kalelkar, District Inspector of Ratnágiri.

*Circle Inspectors.*

10. Statement I of Appendix A shows the routine work performed by Circle Inspectors. Details of their measurement and classification work will be found in statement II. Complaints of slackness on the part of Circle Inspectors are not wanting. The Collector of West Khándesh thinks that some are lazy and indifferent. The Collector of Sátára considers that the staff is generally indifferent and that the younger hands appear to be the most useful. As regards the general work of the Circle Inspectors, Mr. Wiles, Superintendent, Land Records and Registration, Southern Division, thinks that the Circle Inspectors' test of Village Accountants' work is too often spasmodic and partial when it ought to be complete. Much time is at present wasted by Circle Inspectors by visiting a village several times, once for crop inspection, again for test of the Record of Rights, and so on.

11. The repair of boundary marks was held in abeyance in the Eastern Maháls of the Panch Maháls owing to the unfavourable character of the season. Elsewhere the year's programme appears to have been fully carried out with a

few exceptions. The work is reported to have been done well. The Collector of Surat states that the progress has been very great and that occupants are learning to do their repairs themselves. An improved system of boundary mark repairing was introduced with the consent of the Divisional Commissioners in conference at the beginning of the fair season. I do not find from the District Reports any very clear indication whether results have come upto expectations or not. I should myself like to make some radical changes in the boundary mark system, and can think of a plan which would sweep away 60 per cent. of the marks, halve expense and trouble for everybody and demarcate the fields at least as well.

In the Konkan orders were issued by the Collectors making the maintenance of a boundary strip or unploughed ridge round rice survey numbers compulsory. Mr. Pratt considered that these orders, coupled with a free permission for amalgamation of survey numbers, would materially help in the correct maintenance of the village map.

12. The system of making a single Circle Inspector responsible for the measurement work of one or more Tálukas is being gradually extended, and has been well reported on by Collectors. The Collector of Sátára states that the system was tried in four Tálukas and has been found unsuitable to his District and is of opinion that it can only be maintained by large additions to the Circle Inspector staff. In Ahmednagar the Collector has ordered that one Circle Inspector in each Táluka should be detailed exclusively for measurement work from 3rd January to 3rd February and from 1st March to 31st May as the measurement work of one Táluka is not enough to occupy one Circle Inspector all the year round. The Collector of Sátára has been advised to try the Nagar plan. The change in the system will probably necessitate certain further modifications regarding the pay and control of these men. And I am referring this question to the Divisional Commissioners.

#### *Measurement of Sub-divisions.*

13. An important feature of the year was the organization of survey parties for the measurement of sub-divisions on an extended scale in all the three Divisions. Messrs. Pratt and Anderson thought a great deal of the work done by Mr. M. Desai, the Survey Mámlátdár, and Mr. Pratt desired that it should be specially mentioned.

#### *Northern Division.*

(a) The method of sub-division measurement by means of the plane-table which was confined to the Surat District was extended during the year to the Broach District. Work in Surat was continued by four parties each consisting of 8 measures, while 6 new parties, each consisting of 8 measurers, were created for the work in the Broach District; and the parties both in Surat and Broach were placed under the direct supervision of a special Survey Mámlátdár subject to the general control of the Superintendent. In Surat work was completed in the Olpad Táluka, while in the Bulsár Táluka one-third of the estimated number of sub-divisions was measured. Operations have also been extended to Jalálpur and Chorási Tálukas. In Broach the two Tálukas of Broach and Wágra were nearly completed. In all 145,350 sub-divisions were plane-tabled during the year at an average cost of 5 annas per sub-division.

(b) In Thána work was started with a party under a Head Surveyor and 10 surveyors. The outturn was as follows:—

Táluka.	Villages completed.	Sub-divisions measured.
Bassein ... ..	25	15,415
Dahanu ... ..	26	5,869
Mahim ... ..	48	9,658
Umbergaon ... ..	2	494
	101	31,436

The average measurement cost including labour amounted to Re. 0-6-2.

*Central Division.*

(c) The field season opened with 4 phalni parties under the supervision of a Survey Mámlatdár.

The work turned out by these parties in the different Tálukas of the Division is detailed below:—

District.	Táluka.	Villages completed.	Sub-divisions measured.
Násik ...	Niphád ...	19	6,126
	Yeola ...	4	1,471
	Sinnar ...	11	2,439
Nagar ...	Sangamner ...	45	14,439
Poona ...	Haveli ...	46	22,009
	Máwal ...	47	15,606
Sholápur ...	Bársi ...	44	16,449
		216	78,539

In addition to the above, the undermentioned Tálukas in the East and West Khándesh Districts were dealt with by special Phalni parties working under the immediate supervision of the District Inspectors concerned, with the results shown below against each Táluka separately:—

District.	Táluka.	No. of villages.	Vilages completed.	Sub-divisions measured.
East Khándesh ...	Cháligsaon ...	122	122	5,246
	Erandol ...	87	87	6,516
West Khándesh ...	Sákri ...	91	91	4,127
	Shirpur ...	71	71	520
		371	371	16,409

The whole of the field work in West Khándesh has been practically completed. The results obtained and methods followed in the Khándesh Districts are very satisfactory, but the work is simple and comparatively slight in amount and the average cost is high.

*Southern Division.*

(d) Operations were carried on in this Division on a more extended scale than in the other two Divisions. Five parties were at work in the Belgaum, Bijápur and Dhárwár Districts under a Survey Mámlatdár, and two parties worked in the Kolába and Ratnágiri Districts under the direct supervision of the District Inspectors concerned.

The details of the work done are as follows:—

District.	Táluka.	Sub-division measured.	Total.
Belgaum ...	Parasgad ...	14,171	} 41,635
	Murgod Mahál ..	13,829	
	Sampgaon ...	13,635	
Dhárwár ...	Navalgund ..	19,698	} 43,873
	Gadag ...	15,116	
	Mundergi Mahál ..	9,059	
Bijápur ...	Badámi ...	30,255	} 109,946
Kolába ...	Pen ...	11,919	
Ratnágiri ...	Málvan ...	77,772	
	Total ...	.....	05,454

14. Further details of the work done by the several parties and the cost incurred and the recoveries effected are given in the subjoined table:—

Serial No.	District.	Talukas and petas in which the parties were working.	Number of subdivisions measured and mapped.	Number of subdivisions on which assessment was calculated.	Expenditure.					Recoveries.	Remarks.
					Pay.	Traveling allowance.	Contingencies.	Labour charges.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12
<i>Northern Division.</i>											
1	Surat	Olpad Bulsar Jalpat Chorai	64,438	35,231	11,687	84	2,513	—	14,491	14,481	Fees have been and are being recovered in advance at the rate of annas 5 per hissa.
2	Broach	Eroach Wagra	80,912	29,196	12,630	123	4,957	—	17,839	—	
3	Survey Mamlatdar and his establishment	—	—	—	1,922	508	—	—	2,870	—	
4	Thana	Bassein Dahana Mahim Umbergaon	31,436	31,436	5,271	162	703	8,537	9,673	1,117	
5	Bonus to measurers	—	—	—	817	—	—	—	817	—	
6	Head Surveyor and his establishment	—	—	—	1,088	416	—	—	1,543	—	
Total			176,786	95,893	33,923	1,637	8,163	8,537	47,311	15,598	
<i>Central Division.</i>											
7	Ahmednagar	Kopergaon Sangamner	14,439	—	—	—	—	—	—	—	
8	Nasik	Niphad Sinnar Yeola	10,036	10,036	8,523	526	763	2,218	12,033	—	
9	Poona	Haveli Maval Bhimthadi	37,615	26,600	11,165	202	765	3,953	16,170	—	
10	Satara	Patan	—	1,449	—	—	—	—	—	—	
11	Sholapur	Barsi	16,443	26,593	7,797	38	578	2,759	11,470	—	
12	Survey Mamlatdar and his establishment	—	—	—	1,792	798	577	133	3,298	—	
Total			78,533	64,674	29,247	1,090	2,676	9,068	42,971	—	
<i>Southern Division.</i>											
13	Kolaba	Pen	11,919	—	2,478	241	155	72	2,946	—	
14	Dharwar	Navalgand Gadag Mondargi	43,973	2,344	6,801	343	334	3,926	11,407	—	
15	Bijapur	Baddami Parasgad	33,255	—	4,520	287	214	1,651	6,675	676	
16	Belgaum	Sampgaon Murgod	41,635	2,516	6,401	255	298	4,078	11,070	1,278	
17	Survey Mamlatdar's establishment	—	—	—	2,173	677	650	—	3,690	—	
18	Batnagiri	Nalvan	77,772	—	2,608	125	119	1,630	4,483	—	
Total			205,474	6,892	25,026	2,161	1,768	11,810	40,200	1,954	
Grand Total			462,779	166,459	89,101	5,823	12,613	23,915	1,30,542	17,552	

In view of the apparently rapid and successful results obtained by the use of the plane-table in Gujara't the question has naturally arisen whether this

instrument could not be advantageously used in other parts. The matter is engaging my attention. My predecessor did not think a change of method necessary or desirable either in the Deccan or in the Konkan.

The measurement of sub-divisions, however minute they may be, is a great and serious piece of work. The first measurement will take, I fear, fifteen or twenty years to finish and before it is done further extensive changes are likely to take place, and the keeping of the record up-to-date is a most difficult problem which we have not yet fairly faced. It can only be done in the opinion of Mr. Pratt by the maintenance of special establishments.

15. The progress made in the compilation of Circle Books is shown in Statement V. The work is up-to-date in Kaira, Panch Maháls, Broach, Surat, East and West Khándesh, and Ahmednagar. It is in arrears in the remaining Districts. Mr. Pratt suggested certain changes in the form of the Circle Book and his proposals are under consideration. Personally, I see little use in the book, but a majority of Collectors support its retention.

### CHAPTER III.

#### SURVEY AND SETTLEMENT WORK.

##### REVENUE SURVEY WORK.

##### *Northern Division.*

16. The following special establishments were employed in this Division:—

(1) A Field Party consisting of 10 permanent Surveyors and measurers for the Gujarát Districts.

(2) A Field Party of 3 permanent Surveyors for the Thána District.

The services of the temporary staff of 5 register-writers who were working in the monsoon to assist the Gujarát Surveyors in the recess work were dispensed with at the end of November 1912.

17. The work turned out by the Gujarát and the Thána Field Parties during the field season was adequate. An important item in the programme of the Gujarát Field Party was the measurement and classification of bhátha lands which was fully carried out last field season.

##### *Tálukdári Survey.*

18. The work performed by the Tálukdári Survey Parties was of miscellaneous nature and consisted largely of field to field inspection for the purpose of preparing Settlement Registers.

Measurement work was done in 7,093 survey numbers covering an area of 45,546 acres situated in 226 villages. 11,050 sub-divisions were measured in 3,535 survey numbers; while the staff at headquarters prepared Settlement Registers of alienated lands in 405 Government villages comprising 19,743 survey numbers with an aggregate area of 1,29,456 acres.

##### *Central Division.*

19. The Central Division Field Party and the two additional Field Parties, which worked as separate parties in previous years, were combined into one party consisting of about 25 members and employed on the detailed survey of Inám villages; 15 villages were completely measured and classed, 3 completely classed and one partly measured. The total area measured by the party was 21,435 acres and that classed 27,339 acres.

In addition to the survey of alienated villages the party undertook and completed the sub-divisions of large survey numbers in 3 villages of the Sákrí Táluka, West Khándesh, covering an area of 1,206 acres.

##### *Southern Division.*

20. The Field Party in this Division, which consists of six permanent surveyors, was employed on miscellaneous measurement and classification work.

Special work accomplished during the year was the testing of survey papers of the Inám village of Dewache Gothne in the Ratnágiri District, of which the survey and settlement has been completed. In the Kolába District suds of 100 villages were completely re-written and those of 32 villages have been renewed as far as was necessary. The separation of Government and Inám land in mixed survey numbers was effected in Belgaum District in respect of 276 survey numbers. The repairing of torn survey papers in the District Survey Office, Belgaum, was also completed during the year. In the Ratnágiri District the usual Watap Special Establishment turned out a very large amount of partition work.

#### REVENUE SETTLEMENT WORK.

##### *Northern Division.*

21. An original Settlement Report for the 3 Inám villages of Salia, Khabda and Kotda in the Godhra Táluka was submitted by the Superintendent, Land Records and Registration, and survey rates were introduced in the villages of Kujad and Sahijpur-Boga in Daskroi, in Majigam, in Chikhli, and in Valnai and Vadhwan in Sálsette.

Revision Settlement proposals for the Ankleshwar Táluka of the Broach District were passed on to the Commissioner, Northern Division, with the remarks of this office and the Collector.

##### *Central Division.*

22. Original Settlement proposals for 6 Inám villages, and Revision Settlement proposals for 31 Inám villages were prepared and submitted by the Superintendent, Land Records and Registration. All these proposals were approved by the Commissioner.

Original survey rates were introduced during the year into one Government village and 4 Inám villages, and Revision Settlement rates were introduced into one Government village and 34 Inám villages.

##### *Southern Division.*

23. Revision Settlement proposals for the Málvan Táluka, Ratnágiri District, submitted by the Settlement Officer, Mr. Hardy, were passed on to the Commissioner, Southern Division, with the remarks of this office and the Collector.

Original Settlement proposals for 1 alienated village in the Ratnágiri Táluka were submitted by the Superintendent, Land Records and Registration; they have received the Commissioner's sanction since the year closed.

##### *City Survey Work.*

24. Inquiry work in connection with the Godhra City Survey, held in abeyance till March last for want of a supervising officer, has since been resumed and is still in progress. City Surveys of Sholápur, and of Gadag-Bettigeri in the Dhárwár District started at the beginning of the last field season are also in progress. Proposals for the survey of Viramgam in the Ahmedabad District have recently been sanctioned by Government. City Survey work has suffered very severely from the all absorbing claims of the sub-division measurement operations. I hope now to make a little better progress. Encroachments and misappropriation of public property are a serious evil and cause immense loss; and towns of any size require a good map for many other reasons too.

##### *Government Photoinco Department.*

25. The work turned out by this Department was 27,42,967 pulls valued approximately at Rs. 1,26,630 at a total cost of Rs. 88,938, leaving a balance of Rs. 37,642 in favour of the Department, against Rs. 35,997 in the preceding year.

## CHAPTER IV.

## THE RECORD OF RIGHTS.

26. Work in connection with the Record of Rights consisted chiefly in re-writing it in the new forms after revision in the field. The re-writing has been completed in all the Districts of the Northern Division except Kaira and Thána. The re-writing in Kaira postponed last year owing to the unfavourable character of the season was taken up and nearly completed. The work done in Thána practically amounted to the preparation of a new Record in one Circle of each Táluka as the original record was very faulty. The question of re-writing the Record of Rights in Bhágdári and Narwadári villages was discussed, in March 1913, in a Conference of Gujarát officers at which Mr. Pratt was present. As a result of the discussion a note with instructions for the writing up of the Record in these villages was prepared by Mr. Pratt and circulated to the officers concerned.

27. In the Central Division re-writing was undertaken and completed in the following Tálukas and Petás :—

*Ahmednagar.*—Akola and Sangamner and two circles of Párner.

*East Khándesh.*—Jalgaon, Jámnar and Bhadgaon Peta. In Jalgaon the re-writing was awaiting completion at the end of the year.

*West Khándesh.*—In one Circle of each of the Taloda, Nandurbar and Sákri Tálukas and Nawápur Peta.

*Poona.*—Dhond and Ambegaon, one circle of Khed Táluka, 32 villages of Indápur Táluka and 14 villages of Haveli Táluka.

*Sátára.*—Karád, Khánápur and two circles of Sátára, Jávli, Wái and Mán Tálukas. The record has now been revised and re-written in all Tálukas and Petás.

*Sholápur.*—One circle of Mádha, Karmála, Pandharpur and Sangola Tálukas.

28. In the Southern Division re-writing was undertaken in Bankápur, Kod, Hangal, Ron and Kalghatgi Tálukas and Nargund Peta of the Dhárwár District and in Ankola and Honáwar Tálukas and Bhatkal Peta of the Kárwár District. Re-writing is now complete in both these Districts. The record was re-written in Bagewádi Táluka and one circle of each of the other Tálukas in the Bijápur District, and revised in 75 villages belonging to the Ratnágiri, Málvan, Devgad and Dápoli Tálukas and Mandangad Peta of the Ratnágiri District.

29. The initial record was compiled during the year for the following areas :—

6 Sharakati and 6 survey settled villages in Ahmedabad.

18 Survey settled Inám villages in West Khándesh.

1 Sharakati village in Násik.

6 villages situate within Junnar Municipal limits.

2 newly made Khálsa villages in Kolába.

22 newly made Khálsa villages in Ratnágiri and the Municipal areas of Bársi and Pandharpur in Sholápur, and of Honáwar, Bhatkal and Sirsi in Kárwár.

30. *Mr Pratt writes* :—“It is interesting to find that in some parts of the Presidency the landholders are beginning to depend upon the village Record of Rights alone as the sole repository for recording their transactions in land. Sales of land even for considerable sums are being made by word of mouth without a stamped conveyance and without the formality and expense of registration under the Registration Act, the parties contenting themselves with securing a record of the transfer in the village Mutation Register.

“This practice has come to my knowledge in Gujarát, Sátára and in Sind and is an interesting development of the increasing public appreciation of and confidence in the Record of Rights.”

But if this new practice really begins to spread, it will, I fancy, require the serious attention of the Revenue authorities. The matter seems to require consideration from several points of view.

C. N. SEDDON,

Settlement Commissioner and Director of Land Records.

Camp Surat, 13th November 1913.

## APPENDIX A.

Statement I showing crop, waste, boundary marks and other inspection carried out by Circle Inspectors in the Districts during the year 1912-13.

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 and tenancy inspection.		Waste inspection.		Repair of boundary marks.						Inspection of Tagul work.		Number of entries checked in birth and death register.	Number of entries checked in village Forme-I-C and I-D.		
	Total.	Number inspected.			Total number of occupied survey numbers.	Number of survey numbers and sub-divisions tested.	Number of waste numbers other than forest.	Number inspected.	Number of villages due for repairs.		Number of villages completely inspected and repaired.		Balance of villages outstanding at close of season.		Average number of days spent by the Circle Inspector of the district in inspection and repairs.	Number of Tagul works examined.			Number in which work was finished.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			16	17		18
<i>Northern Division</i>				Average.																
Aamirabad ...	18	448	478	170	169,948	27,843	35,269	4,224	...	52	...	52	...	...	2 months.	69	51	8,909	22,048	
Kaira ...	20	525	525	158	213,728	28,970	31,729	4,148	...	70	...	63	...	2	95	505	404	12,612	15,734	
Pauch Mahals...	14	427	475	72	79,228	15,554	11,402	2,717	...	37	...	36	...	1	75	58	51	4,836	5,034	
Broach ...	15	409	399	171	127,541	18,333	10,816	1,416	20	53	11	45	9	8	53	2	...	8,834	37,833	
Surat ...	23	617	779	65	245,563	43,523	11,411	1,871	18	123	...	120	18	8	62	16	4	13,162	116,462	
	37	1,574	1,310	70	194,259	51,199	18,215	3,584	129	133	95	53	33	79	40	35	26	12,852	116,745	
<i>Central Division</i>																				
East Khandesh...	40	1,734	1,724	144	202,044	20,529	8,824	1,981	5	328	5	326	...	...	48	109	107	13,156	34,627	
West Khandesh	34	1,212*	1,208	63	136,344	25,941	17,233	3,570	1	172	1	173	...	...	59	251	234	27,253	65,917	
Nasik ...	42	1,533	1,474	60	230,185	22,278	13,290	1,675	32	183	19	159	13	27	25	107	62	15,371	229,680	
Ahmednagar ...	35	1,228†	1,229	85	222,573	22,665	5,526	1,295	8	30	5	25	1	5	36	928	592	24,018	72,869	
Poona ...	29	1,007†	1,006	194	209,130	16,868	2,403	678	23	120	11	112	12	8	74	178	161	9,220	75,389	
Sholapur ...	17	699	639	194	112,916	10,395	1,970	536	8	67	3	62	5	5	45	415	298	6,618	57,953	
Salara ...	32	965	953	69	224,989	17,957	1,943	611	6	128	6	128	...	...	47	67	59	10,970	122,700	
<i>Southern Division</i>																				
Bilgaum ...	39	914	680	171	147,359	118,193	4,804	1,256	...	101	...	100	...	1	74	63	28	15,063	31,791	
Bijapur ...	33	1,013	1,013	224	179,699	20,425	3,069	1,757	...	112	...	68	...	10	62	251	109	13,509	42,633	
Dharwar ...	41	1,259	1,269	180	155,909	40,540	8,840	2,015	1	142	1	130	...	12	122	324	230	18,444	273,027	
Kolaba ...	33	1,541	1,340	117	151,936	10,581	6,673	1,295	136	155	71	59	65	104	56	3	...	7,868	82,130	
Batnagiri ...	22	1,340	99	117	180, ...	6,363	4,568	2,258	5	43	4	47	1	1	86	8	1	9,625	59,865	
Kanara ...	32	1,417	1,364	199	134,250	19,962	11,340	1,898	2	161	1	161	1	...	132	9	6	7,484	116,705	

\* Including 18 forest villages.

† Including Khoti, &amp;c., villages.

C. N. SEDDON,  
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 1912-13.

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 ...	77	0	197	5	244	5	30	0	
Kaira ...	101	0	329	2	395	2	35	0	
Panch Mahals ...	20	1	139	0	124	1	35	0	
Broach ...	28	0	166	2	182	2	12	0	
Surat ...	83	1	296	11	292	11	87	1	
Thána ...	59	6	268	31	278	33	49	4	
Total ...	368	8	1,395	51	1,515	54	248	5	
East Khándesh ...	105	0	512	0	526	0	91	0	
West Khándesh ...	15	0	190	5	192	5	13	0	
Násik ...	240	0	471	15	651	15	60	0	
Ahmednagar ...	59	1	237	17	241	16	55	2	
Póna ...	126	0	307	0	365	0	68	0	
Sholápur ...	57	0	327	1	326	1	58	0	
Sátára ...	198	10	327	37	438	36	87	11	
Total ...	800	11	2,371	75	2,739	73	432	13	
Belgaum ...	215	1	250	6	342	7	123	0	
Bijápur ...	206	1	278	0	362	1	122	0	
Dhárwár ...	219	0	349	0	339	0	229	0	
Kolába ...	42	0	94	4	107	4	29	0	
Ratnágiri ...	56	23	169	62	166	61	59	24	
Kánara ...	213	6	236	26	281	10	163	22	
Total ...	951	31	1,376	98	1,597	83	730	46	

C. N. SEDDON,  
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.	
	Total in the district.	Number visited during the year.		
	2	3	4	
Ahmedabad	Sub-divisional Officers ...	448	393	22
	Mámlatdárs ...		416	47
Kaira	Sub-divisional Officers ...	525	336	41
	Mámlatdárs ...		500	58
Panch Máhala	Sub-divisional Officers ...	427	246	25
	Mámlatdárs ...		380	30
Eroach	Sub-divisional Officers ...	409	384	61
	Mámlatdárs ...		400	62
Surat	Sub-divisional Officers ...	817	413	172
	Mámlatdárs ...		723	98
Tbána	Sub-divisional Officers ...	1,574	760	297
	Mámlatdárs ...		1,015	187
East Khán-desh.	Sub-divisional Officers ...	1,734	814	161
	Mámlatdárs ...		1,271	423
West Khán-desh.	Sub-divisional Officers ...	1,212	604	79
	Mámlatdárs ...		1,144	152
Násik	Sub-divisional Officers ...	1,533	94	367
	Mámlatdárs ...		1,407	779
Ahmednagar.	Sub-divisional Officers ...	1,228½	671	5
	Mámlatdárs ...		1,204½	20
Poona	Sub-divisional Officers ...	1,007½	483	20
	Mámlatdárs ...		870½	103
Sholápur	Sub-divisional Officers ...	669	451	39
	Mámlatdárs ...		644	138
Sátára	Sub-divisional Officers ...	965	587	30
	Mámlatdárs ...		955	138
Belgaum	Sub-divisional Officers ...	914	305	31
	Mámlatdárs ...		642	67
Bijápur	Sub-divisional Officers ...	1,013	373	43
	Mámlatdárs ...		953	124
Dhárwár	Sub-divisional Officers ...	1,289	848	54
	Mámlatdárs ...		1,217	148
Kolába	Sub-divisional Officers ...	1,048†	379	216
	Mámlatdárs ...		1,641	74
Ratnagiri	Sub-divisional Officers ...	1,340*	569	31½
	Mámlatdárs ...		1,025	43½
Kánara	Sub-divisional Officers ...	1,417	261	47
	Mámlatdárs ...		1,207	110

\* Including Khoti, etc., Villages.

† Khoti &amp; Charakati Villages excluded.

A—continued.

by Sub-Divisional Officers and Mánlabdars in the Districts during the year 1912-13.

Number of survey numbers in which crop and tenancy record was checked.		Number of villages in which birth and death registers were checked.	Number of entries checked in Village Forms I—C and I—D.	Remarks.
Village Officers' work.	Circle Inspectors' work.			
5		6	7	8
2,234	446	350	5,490	
3,972	1,473	416	13,387	
2,019	68	230	4,627	
3,950	425	358	9,859	
602	28	258	2,208	
3,425	3,049	363	3,651	
809	445	337	5,627	
3,322	1,133	400	26,107	
1,985	479	286	8,371	
7,325	4,145	639	59,229	
2,323	826	504	19,721	
5,510	2,235	1,023	46,494	
1,594	223	560	2,494	
6,037	1,018	1,092	23,384	
1,503	914	468	6,798	
5,647	1,534	1,074	27,196	
1,563	387	141	4,846	
6,645	1,361	1,294	47,765	
855	148	454	8,006	
2,994	919	1,095	17,770	
1,348	956	456	6,805	
4,143	1,551	667	13,952	
2,189	263	354	3,174	
5,883	709	598	17,086	
1,780	30	414	6,774	
5,756	1,005	908	41,347	
423	428	155	1,448	
9,135		1,098	15,301	
617	26	338	4,415	
4,007	498	875	7,678	
4,037	1,415	690	11,673	
9,517	2,174	1,011	63,414	
648	241	310	3,757	
2,036	940	1,025	17,435	
519	487	185	6,152	
1,033	399	975	25,254	
1,707	202	216	6,373	
7,877	2,060	1,122	30,235	

C. N. SEDDON,  
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	178	115	115	18	18	468	885	64	231	99	190	36
Kaira ...	525	293	189	135	20	20	490	3,018	208	675	129	470	21
Panch Mahals ...	427	146	101	101	14	14	508	144	286	143	127	59	240
Broach ...	409	219	161	155	15	15	285	412	171	277	57	67	39
Surat ...	817	151	176	150	23	23	713	790	171	132	40	75	56
Thana ...	1,574	354	232	232	87	87	664	1,528	18	518	38	51	63
East Khândesh ...	1,734	152	122	...	49	49	204	435	44	111	21	16	34
West Khândesh ...	1,212	276	221	84	84	84	843	843	210	247	153	113	108
Nâsik ...	1,533	239	146	146	42	42	105	224	163	377	4	3	71
Ahmednagar ...	1,228	102	124	111	35	35	112	299	103	300	13	48	9
Poona ...	1,007	343	205	205	29	29	233	826	173	347	8	65	36
Sholapur ...	699	189	153	87	20	17	19	255	...	133	...	8	16
Sâtâra ...	965	157	146	146	32	32	135	518	71	300	8	25	64
Belgaum ...	914	149	91	11	30	30	177	131	53	44	...	5	42
Bijâpur ...	1,013	260	43	99	32	32	94	689	63	563	3	10	85
Dhârwar ...	1,289	201	154	26	41	41	232	262	128	125	32	70	42
Kolâba ...	1,541	224	163	163	33	33	344	75	142	...	40	...	52
Ratnâgiri ...	307	127	125	148	22	22	249	235	57	204	22	22	35
Kânara ...	1,417	75	147	147	32	32	...	846	...	...	...	6	25

A—continued.

District Inspectors of the Districts during the year 1912-13.

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 I—C and I—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.	Táluka Forms Nos. 33 to 36-A checked.	Number of Tegái 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
72	545	24	...	85	7	2,171	66	...	...	Examined in all Tálukas.	...	9	Disposed of five boundary disputes.
...	962	127	1	56	1	5,506	180	...	...	All Tálukas	15	28	
4	416	4	2	103	88	1,798	67	...	...	...	1,644	36	
...	898	125	116	49	...	7,019	112	...	...	...	...	156	
...	355	106	5	21	...	4,443	...	...	...	All Tálukas	1	89	
...	1,082	28	46	...	18	21,381	228	...	...	6	...	429	
...	897	142	74	1	...	4,034	377	...	...	...	...	238	
...	2,196	173	29	12	2	11,713	170	...	...	All Tálukas.	18	249	
...	561	105	...	17	8	6,903	10	...	...	4 Tálukas.	6	296	
...	991	54	...	...	...	4,855	255	...	...	9 Tálukas.	32	350	
...	919	126	...	34	2	13,614	344	...	...	All Tálukas.	...	264	
1,577	463	99	...	5	2	7,594	...	...	...	5	7	384	
1,564	1,003	141	...	4	7	6,762	92	...	...	9 Tálukas.	16	817	
...	1,265	29	...	...	...	4,592	130	...	...	All Tálukas.	...	6	
...	1,109	175	...	8	...	2,419	114	...	...	All Tálukas.	...	78	
...	793	10	1	56	23	9,023	165	...	...	7	6	180	
...	736	33	5	6	6	7,662	129	...	...	All Tálukas.	...	174	
...	488	22	...	...	19	1,668	288	...	...	All Tálukas.	...	172	
...	150	13	...	...	...	1,390	...	...	...	...	...	...	

C. N. SEDDON,  
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 1912-13.

Name of District.	Number of Circle Inspectors on Completion 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	18	448	1911-12	447	1911-12	1	1911-12	1	1911-12	1	1911-12	
Kaira	20	525	1	525	1	...	...	...	...	...	...	
Patch Mahals	12	{ 277 76	{ 1 3	{ 277 76	{ 1 3	...	...	...	...	...	...	Compilation of circle books in the Jhi Mahals deferred pending introduction of the Revision Settlement.
Broach	11	300	1	300	1	...	...	...	...	...	...	Circle books for Ankleshvar Taluk not compiled pending introduction of the Revision Settlement.
Surat	23	794	1	794	1	...	...	...	...	...	...	
Tbana	37	{ 1,271 303	{ 2 1	{ 1,271 304	{ 1 1	1,271	1	1,271	1	1,271	1	
East Khândesh	49	1,700½	1	1,709½	1	...	...	...	...	...	...	The rest 24½ villages are in forest.
West Khândesh	34	1,194	1	1,194	1	...	...	...	...	...	...	The other 18 villages are forest villages.
N&Sik	33	{ 98 231 107 317 293	{ 36 9 7 3 1	{ 98 110 107 101 216 123	{ 36 6 7 3 1	{ 110 110 121 ...	{ 12 3 9 ...	{ 110 110 121 ...	{ 12 3 9 ...	{ 110 110 121 ...	{ 12 3 9 ...	
Ahmednagar	35	1,229	1	1,229	1	...	...	...	...	...	...	
Poona	28	{ 279 900	{ 2 1	{ 64 1,085	{ 2 1	30	2	215	1	185	1	
Bholarpur	17	{ 79 402 188	{ 3 2 1	{ 79 205 188	{ 3 1 1	197	1	197	1	197	1	
S&Tara	32	{ 749 215	{ 1 2	{ 866 98	{ 1 2	139	2	118	1	117	1	
Belgaum	30	{ 882 32	{ 1 8	{ 882	{ 1	32	3	32	3	32	3	
B&apur	32	{ 117 896	{ 2 1	{ 117 840	{ 2 1	56	1	59	1	59	1	
I&arwar	41	{ 272 2 1,015	{ 8 2 1	{ 272 ... 972	{ 2 ... 1	{ 272 2 43	{ 1 2 1	{ 272 2 43	{ 1 2 1	{ 272 2 43	{ 1 2 1	
Kolaba	33	{ 646 895	{ 1 2	{ 448 895	{ 1 1	198	1	895	1	198	1	
Kat&giri	20	{ 302 2	{ 1 13	{ 302	{ 1	2	13	2	13	2	13	
K&ara	32	1,417	1	1,390	1	27	1	27	1	27	1	

*Part III of the Land Revenue Administration Report of the  
Province of Sind for the year 1912-13.*

No. 76 of 1914.

REVENUE DEPARTMENT.

*Office of the Commissioner in Sind,  
Government House, Karachi, 13th January 1914.*

1. Revised rates of assessment were introduced in the year under report in the Guni, Badin, Tando Bago and Dero Mohbat talukas of the Hyderabad district, in the Sukkur and Garhi Yasin talukas of the Sukkur district and the Nasirabad, Dadu, Sehwan and Johi talukas of the Larkana district. Appendix A, showing the financial results of the new rates, is attached. Proposals for the resettlement of talukas Naushahro, Kandiaro and Moro of the Nawabshah district are still under the Commissioner's consideration and will be submitted by him to Government as soon as possible after he has visited the tract in the course of his present tour.

2. The chief features of the year's work have been—

- (1) the introduction of the Phalni system for the measurement of subdivisions in connection with the Record of Rights,
- (2) the completion of the work of preparing for photozincographic reproduction maps which had run out of stock,
- (3) the completion of the labours of the special establishment which had been entertained for sorting and arranging the records in the Head Record Office,
- (4) the employment of an additional establishment of 22 men on the preparation of indexes to bandis and field books.

These matters will be discussed in their proper places in the report.

3. Appendix B shows, as usual, the amount of work performed in the Head Record Office. Columns 2 to 13 show corrections due to—

- (1) reservation of land for public purposes under sections 37 and 38 of the Land Revenue Code, such as roads, canals, bunds, railways, village sites, etc.,
- (2) orders passed by Collectors in regard to jagir successions,
- (3) mistakes discovered in survey registers or maps in the course of Jamabandi, field inspection, etc. The amount of work done shows an improvement over the previous year's work, while there is an appreciable reduction in the number of cases pending at the end of the year. The number of Survey Numbers in which corrections were made was 11,250 (including 6,275 Survey Numbers affected by the orders of reservation under sections 37 and 38 of the Land Revenue Code) as against 7,385 in the previous year. Entries in the Survey Records regarding 871 Survey Numbers were tested in the office of the Superintendent, Land Records and Registration, and mistakes were discovered in the case of 10 Survey Numbers which were corrected on the spot.

4. There was no alteration in the strength of the temporary register writers. Two of the register writers continued to be employed up to the end of October 1912 for the preparation of the assessment ready-reckoner referred to in last year's report.

5. The number of registers prepared and supplied to taluka offices was 107 and that prepared for the record office was 311, the corresponding figures for the preceding year being 154 and 407. Forty-two registers were prepared in the new form of land register which has been substituted for the survey register, Village form No. I, under the orders of the Commissioner.

6. The total number of maps prepared was 10,412 as against 10,258 last year. 1,714 maps were prepared for photozincographic reproduction, of which 753 were sent up to the Photozinc Office and the remaining will be kept upto date for transmission to that office at a future date when the existing stock is exhausted.

The special establishment of three mappers continues to be employed for bringing upto date two clean copies of all the deh maps, one in red ink for the use of the office and one in black ink for reproduction. 1,454 copies of maps were corrected in red ink to replace worn out maps or maps of an older edition; the work of preparing black ink copies is in progress and is expected to be completed by the end of March next. Maps which had run out of stock have all been sent up for reproduction and there are now no arrears whatever in the mapping branch except as regards such maps as can only be supplied when printed copies are received.

7. The number of cases in which copies of field books were asked for by taluka offices rose from 881 in 1911-12 to 985 and it is expected that the number of such cases will greatly increase when the new Phalni system of measurement has been introduced throughout the Province.

8. In Appendix C are given the details of the survey work done by Tapadars, of which the papers were received in the Head Record Office for entries in the Survey Records. The amount of work dealt with was again much larger than that in the previous year, while the number of zabits remained unchanged. A proposal to increase the pay of these men has been sanctioned by the Commissioner in view of the importance of their work.

9. The establishment engaged in November 1910 on re-arranging the survey records completed their work in March last. The work of re-arranging the Superintendent's correspondence records and the Jamrao Survey records still remains to be done. This work has to be dealt with by the ordinary establishment. The re-arrangement of the vernacular records of the Superintendent's office has been completed and the Jamrao records have been taken in hand. The sorting of the English records is also in hand.

10. The special establishment employed on the indexing of 'bandis' and field books was considerably augmented in February last at the instance of the Director of Land Records, who visited the Record Office in December 1912 (*vide* Government Resolution, Revenue Department, No. 2493, dated 14th March 1913), and the total number of men employed on the whole work is now 28, of whom 4 are supervisors. New men had to be drafted and trained for the work. The progress since the entertainment of the additional establishment has been satisfactory, and the work of nine talukas has been completed.

11. The Head Record Office was inspected by the Director of Land Records in December 1912 and by the Superintendent in May last. The Director, it is understood, was favourably impressed with the reforms and improvements effected in the Record Office.

12. Proposals for the re-organization of the Record Office and the Superintendent's Personal Office establishment, reference to which was made in the previous year's report, have been sanctioned by Government since the close of the year, *vide* Government Resolution, Financial Department, No. 3866, dated the 25th October 1913. Proposals were also submitted by the Superintendent for the improvement of the system of obtaining recruits for the Land Records Department and the personnel of the Superintendent's office. These have been sanctioned by the Commissioner since the close of the year under report.

13. The number of surveyors for the greater part of the year was five. Towards the end of the year an additional surveyor was appointed and the total strength brought upto the full sanctioned scale. One of the five surveyors available for the greater part of the year, was employed for three months in instructing Head Munshis and Clerks sent up for survey training and was then deputed to work in connection with the Hab Survey which was resumed during the year. The remaining four surveyors were employed on work in connection with the measurement of sub-divisions. Three of the surveyors were put in charge

of Field Parties consisting of 10 men each, while one surveyor was detailed with a party of 15 men for preparing, from the field books in the Head Record Office, plotted sketches of Survey Numbers, on the basis of which field parties had to proceed with the measurement work. This party was disbanded in April last, and the Tapadars available were sent out for field work.

14. Details of the field work done by the parties and tests taken by the Superintendent are shown in Appendix D. It will be observed that the work was wholly completed in five tálukas, while in the sixth táluka it was more than half done. The progress made this year is most satisfactory. The Superintendent tested 176 survey numbers containing 507 sub-divisions and in 76 cases serious mistakes were discovered which were corrected on the spot. A retest of 21 survey numbers and 66 sub-divisions disclosed 3 errors.

In December one of the surveyors in charge of the sub-division parties was deputed to assist Mr. Webb, I. C. S., in arriving at a settlement with regard to the disputed boundary between the Bahawalpur State and Sind. His deputation lasted for only 12 days.

15. In the course of his tour the Superintendent tested 61 Survey Numbers measured by Village establishments. No errors of over 3 per cent. were discovered. Survey papers relating to 4,020 Survey Numbers were examined in the districts of Lárkána, Sukkur, Thar and Parkár, Hyderabad and Nawábsháh. Mistakes were found in 693 Survey Numbers which were corrected, and intimation thereof given to the Sub-divisional officers concerned.

16. Five táluka munshis and clerks came up for the usual course of three months' training. They were trained for about 1½ month in Hyderabad and for the rest of the period they went to the districts where they measured 104 Survey Numbers, of which the Superintendent tested 12. The candidates were examined by the Superintendent in the middle of December. All passed and were given the usual certificates of qualification.

17. The usual four weeks' survey class for Revenue Officers was attended by two Assistant Collectors, one Deputy Collector, five Mukhtiárkárs and one Mahálkari. They were all examined by the Superintendent at the end of the course and were granted certificates.

18. Táluka Forms 35 and 36 were examined by reference to Village Forms 15 and 16 with the results shown below. Trivial mistakes have been left out of account:—

Táluka.	Number of dehs examined.	Number of dehs found correct.	Number of dehs in which mistakes were found.	Number of mistakes discovered.	Remarks.
Lárkána ...	52	43	9	14	
Ghotki ...	32	21	11	14	
Mírpur Mathelo ...	29	7	22	31	
Ubauro ...	49	36	13	34	
Pano Akil ...	10	1	9	25	
Shikárpur ...	28	23	5	5	
Garhi Yasin ...	39	20	19	33	
Kandiaro ...	14	...	14	30	
Naushábro Feroz ...	36	25	11	12	
Nasrat ...	47	44	3	5	
Sinjhoró ...	51	47	4	7	
Sháhdádpur ...	46	43	3	6	
Hála ...	19	13	3	6	
Guni ...	74	71	3	3	
Dero Mohbat ...	100	99	10	3	
Tándo Bago ...	41	41	...	...	
Badin ...	54	44	10	11	
Digri ...	49	45	4	7	
Total ...	770	626	153	243	

19. 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. 74,916.

20. The preparation of a Record of Rights was undertaken during the year for the agricultural lands situated within the municipal limits of the city of Karachi and of the town of Tando Mahomed Khan in the Guni taluka of the Hyderabad district. A Record of Rights was also prepared for one deh of the Tando Allahyar taluka of the Hyderabad district and one deh of the Ghotki taluka of the Sukkur district. The following table shows the amount of work done during the year and that remaining to be done at the end of the year:—

Name of district.	Name of taluka.	Total number of villages and survey numbers in the taluka.		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.						
Karachi	Karachi (agricultural lands within the municipal limits of the city of Karachi).	1	530	415	415	153	115	.....	
Hyderabad	Tando Allahyar	1	379	379	379	379	.....	.....	
Do.	Guni (agricultural lands within the municipal limits of Tando Mahomed Khan).	1	41	41	41	41	.....	.....	
Sukkur	Ghotki	1	127	127	127	127	.....	.....	

The one deh entered in the table against Ghotki taluka is deh Kacha Tibi for which a Record was not previously prepared owing to the fact that all the land in it was unoccupied when the Record for the other dehs of the taluka was prepared. This was, however, no bar to the preparation of the Record at the time, but since it was left out its Record was prepared in the year under report. The Collector of Sukkur reports that the Record of one deh (Bindi) in the Ghotki taluka which was referred to in the previous year's report still remains to be completed. The rough Record of the deh has been prepared, but it has not yet been tested. The Collector is being asked to have the remaining work completed without delay. The compilation of the Record of Rights within the municipal limits of Larkana and Kambar in the Larkana district, which was mentioned in the report for the preceding year, was completed during the year under report. Similarly the work of compiling a Record of Rights which remained to be done at the end of the year 1911-12 in the Jamesabad taluka of the Thar and Parkar district and the Pano Akil taluka of the Sukkur district was finished during the year of report. Orders were issued after the close of the year for the preparation of a Record of Rights for 6 surveyed dehs of tapa Kalo of the Diplo taluka and dehs Nao Kot and Wasio Pota of the Mithi taluka of the Thar and Parkar district. The Record for these dehs has since been prepared, fair-copied and promulgated. The Collector of Nawabshah reports that a Record has to be prepared for deh Suhelo of the Nasrat taluka. This deh was originally unsurveyed; hence no Record was prepared for it. It has now been broken up into Survey Numbers and the Collector has issued orders for a Record to be prepared for the deh at once. The Collector of Larkana reports that the Record of Rights has not yet been introduced into 19 Kachho (barani) surveyed dehs of the Kakar taluka, as owing to lack of rain for several years the dehs were entirely deserted. He states that as rain has now fallen in the hills the Assistant Collector, Mehar, expects to have the enquiry work completed in the current touring season. The test work which remained over at the end of the year 1911-12 was all completed during the year under report.

21. Appendix E which has been prepared in the revised form sanctioned in Government Resolution, Revenue Department, No. 3060, dated the 1st April 1913, shows the amount of test of Tapadars' and Supervising Tapadars' inspection work by the Sub-divisional Officers. Like last year the appendix does not contain complete information of all the tests taken, as some of the Sub-divisional

Officers did not keep a regular record of them. Last year the District Officers were asked to direct their Sub-divisional Officers to keep, in future, a more accurate record of the inspection work done by them. Their attention is again being drawn to these orders. The entries made in the record relating to lands situated within the municipal limits of Karáchi are tested by the City Deputy Collector, Karáchi, who is doing the work with the assistance of the land tax Tapadars and the City Surveyor, Karáchi. During the year he tested 153 entries out of 415, or a percentage of 36·87. In the Hyderabad and Sukkur districts the Sub-divisional Officers took the prescribed test of the initial work done in their respective divisions.

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

Name of district.	Name of táluka.	Number of dehs.	Number of entries examined.
Lárkána ...	Larkaua ...	8	261
Sukkur ...	Ghotki ...	9	112
Do. ...	Mirpur Mathelo ...	5	136
Do. ...	Ubauro ...	2	44
Do. ...	Garhi Yasin ...	5	166
Nawábsháh ...	Kandiaro ...	6	187
Do. ...	Naushahro ...	9	196
Do. ...	Nasrat ...	7	413
Do. ...	Shahdadpur ...	4	105
Do. ...	Sinjhoro ...	7	172
Thar and Párkar ...	Digri ...	9	379
Hyderabad ...	Hala ...	3	78
Do. ...	Tando Bago ...	7	114
Do. ...	Badin ...	5	130
Do. ...	Dero Mohbat ...	4	92
Do. ...	Guni ...	4	92

Besides this the Superintendent did general inspection in the Pano Akil táluka of the Sukkur district. The mistakes discovered by him were either corrected on the spot or communicated to the District Officers concerned.

23. The maintenance of the Record is receiving attention. The Collector of Hyderabad reports that, in the Dero Mohbat táluka there are arrears of about 10 per cent. in connection with mutation entries to be made in Village Form I-D. Steps are being taken to have the arrears cleared off as soon as possible. In the Mirpur Khas táluka also the maintenance of the Record is reported by the Collector of Thar and Párkar to have been somewhat neglected in the past, but it is now receiving proper attention. The Superintendent, Land Records and Registration, has made the following remarks with regard to the maintenance of the Record :—

“There can be little doubt that the Táluka and Village establishments have, by this time, acquired fairly good knowledge of the rules and instructions for the preparation and maintenance of the Record, but it is to be regretted that sufficient pains are not taken by the Village establishment to keep the Record upto date. In the course of my inspection I came across several instances in which mutations had not been recorded. The same state of things is revealed by the divergencies brought to light in the course of sub-division operations between the entries in the Record of Rights and actual facts, as ascertained from enquiry on the spot. It is hoped that a general introduction of the system whereby the entries in the Record of Rights are made the basis of the recovery of Government dues will provide an effective remedy for this defect.”

The same state of things has been disclosed during the examination of the records of the Village and Táluka establishments by the Commissioner. Although there is yet great room for improvement the people have, to some extent, realized the importance of the Record of Rights and report the acquisitions of rights more promptly than before. Some important changes have been recently effected in the system of registration of entries in the land records. The occupants are now exempted from the obligation of reporting acquisitions of rights in land by means of registered documents under the amended Land Revenue Code, and the entries in the Record have been given the presumption of correctness.

24. The Record of the following talukas was promulgated during the year under report :—

Guni ...	...	...	...	} Hyderabad District.
Tando Allahyar (deh Missan only)	...	...	...	
Khipro ...	...	...	...	} Thar and Parkar District.
Jamesabad ...	...	...	...	
Nasrat (7 dehs only)	...	...	...	Nawabshah District.
Municipal limits of Larkana	...	...	...	} Larkana District.
Do. do. Kambar	...	...	...	
Johi ...	...	...	...	} Sukkur District.
Rohri (14 dehs only)	...	...	...	
Ghotki (1 deh only)	...	...	...	} Upper Sind Frontier District.
Pano Akil (6 dehs only)	...	...	...	
Khandkot ...	...	...	...	} Upper Sind Frontier District.
Kashmor ...	...	...	...	

The record of 6 surveyed dehs of tapa Kaloi of the Diplo taluka and of 2 dehs of the Mithi taluka of the Thar and Parkar district has been promulgated since the close of the year. The promulgation of the Record has been postponed in 23 dehs of the Sakrand taluka in the Nawabshah district, pending completion of the survey and distribution of the lands dependent on the Ren distributary.

25. No remarks are needed regarding the extension of the provisions of sections 10 to 12 of the Record of Rights Act, IV of 1903. The Act has been repealed and under chapter X-A of the amended Land Revenue Code a Record has to be prepared for each deh unless specially exempted, and the provisions contained in sections 135-II and 135-I which correspond to the provisions of sections 10 to 12 of the old Record of Rights Act *ipso facto* apply to each village.

26. The Record of Rights was rewritten in the following talukas during the year :—

Mahal Manjhand ...	...	...	...	Karachi District.
Nasirabad ...	...	...	...	} Larkana District.
Sehwan ...	...	...	...	
Dadu ...	...	...	...	
Jacobabad ...	...	...	...	} Upper Sind Frontier District.
Thul ...	...	...	...	
Shahdadpur ...	...	...	...	
Mirpur Khas ...	...	...	...	Thar and Parkar District.

This work was done by the ordinary establishment except in the Larkana district where the following extra establishment was entertained :—

Taluka.			Number of tapadars appointed.	Period for which sanctioned.	Actual cost.
Nasirabad	...	...	4	2 months ...	Rs. a. p. 157 2 3
Sehwan	...	...	4	Do. ...	155 11 5
Dadu	...	...	4	Do. ...	152 13 8
				Total ...	465 11 4

Steps are being taken to have the Record rewritten in the current year in such talukas in which its rewriting appears to be necessary.

27. As remarked at the end of paragraph 28 of the report for the year 1911-12, the system of using the Record of Rights as the basis of land revenue accounts was enforced during the year under report in all the talukas of the Province except Jamesabad in the Thar and Parkar district and Shahdadpur in the Upper Sind Frontier district. Arrangements have been made for the introduction of the system into these talukas during the current year.

W. H. LUCAS,  
Commissioner in Sind.

To

The Chief Secretary to Government,  
Revenue Department, Bombay.

APPENDIX A (*vide* paragraph 1).

District and its area.		Taluka and area for settlement during the year.		Area settled during the year.	Old assessment.	Revised assessment.	Percentage increase.	Percentage decrease.
1		2		3	4	5	6	7
Hyderabad	2,827,109	Guni	Acres. 394,946	Acres 394,9	Rs. 2,17,017	Rs. 2,31,954	6.88	...
		Badin	242,368	242,368	2,78,246	3,51,164	26.21	...
		Tando Bago	243,513	243,513	1,93,100	2,39,787	24.14	...
		Dero Mohbat	223,767	223,767	1,08,928	1,24,733	14.51	...
Sindh	3,583,031	Fukku	101,307	101,307	2,14,184	2,24,903	5.004	...
		Garhi Yasin	130,451	130,451	2,65,990	2,89,075	8.68	...
		Nairabad	169,695	169,695	2,73,332	3,14,273	14.96	...
Larkana	3,234,443	Dadu	123,952	123,952	1,32,823	47,83	11.79	...
		Sehwan	126,351	126,351	1,43,857	1,38,318	...	3.86
		Johi	313,075	313,075	1,31,874	1,08,446	...	17.76

J. W. SMYTH,  
for Commissioner in Sind.

APPENDIX B (*vide* paragraph 3).

Year.	Number of cases (including or cars) necessitating correction in Survey Records.				Number of cases returned duly corrected.				Number of cases remaining for correction at the end of the year.				Number of extracts from Survey Register supplied.
	Survey Registers.	Maps.		Distribution statements and lists of Karia rebate.	Survey Registers.	Maps.		Distribution statements and lists of Karia rebate.	Survey Registers.	Maps.		Distribution statements and lists of Karia rebate.	
		English.	Sindhi.			English.	Sindhi.			English.	Sindhi.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1911-1912 ... (Including Jám- rao Táluka).	1,062	116	1,475	81	909	116	1,369	63	153	...	106	13	724
1912-1913 ... (Including Jám- rao Táluka).	1,277	354	1,385	100	1,207	354	1,315	160	70*	...	70*	...	700

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 re- ceive torn o- 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
1911-1912. ... (Including Jám- rao Táluka).	14	14	69	14	3,401	91	268	5,710†	4	740	8	871	1,800
1912-1913 ... (Including Jám- rao Táluka).	4	10	...	52	3,005	74	418	2,956	15	746	30	1,714‡	1,454

\* These are under correspondence.

† Out of this, 2,138 maps were supplied unmounted and uncorrected.

‡ 961 corrected and kept in the Record Office and the rest sent up for printing.

J. W. SMYTH,  
for Commissioner in Sind.

APPENDIX C (*vide* paragraph 8).

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	3,237	2,363	874	...	...
Hyderabad ...	7	5,368	3,177	2,191	...	...
Sukkur ...	8	3,270	2,187	1,083	...	...
Larkana ...	11	3,398	3,032	366	...	...
Thar and Parkar ...	10	2,473	2,084	389	...	...
Upper Sind Frontier ...	5	1,279	968	311	...	...
Nawabshah ...	8	2,129	1,513	616	...	...
Total ...	59	21,154	15,324	5,830	...	...
Total for 1911-1912...	60	18,265	13,047	4,832	386	...

J. W. SMYTH,  
for Commissioner in Sind.

APPENDIX D (*vide* paragraph 14).

Name of District.	Name of Revenue Surveyor in charge of party.	Name of taluka.	Sub-division work done by Tapadars.		Test taken by Revenue Surveyors.			Test taken by the Superintendent on Tapadars' work.			Retest by the Superintendent on Revenue Surveyor's test work.		
			No. of survey numbers.	No. of sub-divisions.	No. of survey numbers.	No. of sub-divisions.	No. of errors discovered.	No. of survey numbers.	No. of sub-divisions.	No. of errors discovered.	No. of survey numbers.	No. of sub-divisions.	No. of errors discovered.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sukkur ...	Mr. Santdas ...	Ghotki ...	3,045	9,023	323	1,274	14	55	200	17	6	31	...
		Pano Akil ...	2,984	9,445	203	1,081	25	...	...	...	...	...	...
Larkana ...	Mr. Khemchand ...	Larkana ...	2,676	6,750	414	1,223	60	47	111	24	3	9	...
		Kambar ...	2,169	5,305	233	661	33	...	...	...	...	...	...
Nawabshah ...	Mr. Rama Parshad ...	Nausahro ...	1,315	3,433	127	373	65	39	104	14	8	17	3
		Kandiaro ...	3,350	13,329	376	1,770	44	35	92	21	4	9	...
Total ...		Total ...	15,539	47,375	1,766	6,381	243	176	507	78	21	66	3

J. W. SMYTH,  
for Commissioner in Sind.

## APPENDIX E (vide paragraph 21).

Statement showing the test of Tapadars' and Supervising Tapadars' inspection work by Sub-divisional Officers in the districts during the year 1912-13.

Name of District,	Number of dehs.		Number of dehs in which boundary marks repair was examined.	Number of Survey Numbers in which crop and tenancy record was checked.		Number of dehs in which birth and death registers were checked.	Number of entries checked in village forms I-C and I-D.	Remarks.
	Total in the district.	Number visited during the year.		Tapadars' work.	Supervising Tapadars' work.			
1	2	3	4	5		6	7	8
Karachi ... ..	720	539	30	3,003 Survey Nos. and A. G. 30 29 Bigoti measurement.	341	117	24,669	
Hyderabad ... ..	652	565	242 + 3 Survey Nos.	11,126	1,708*	34	9,600 + 44 dehs.	* These figures are exclusive of those for the Hala Division which are not available.
Thar and Parkar...	963	676	8	13,551 Survey Nos. and A. G. 1,844 23 Bigoti measurement.	1,168 Survey Nos. and A. G. 94 4 Bigoti measurement.	222 Also 18 registers of births and deaths.	21,067	
Nawabshah ... ..	755	431	79	8,039	1,209	50	1,803	
Larkana ... ..	752	579	128†	16,151	1,539	127	11,329	† Exclusive of the figures for the Mihar and Schwan Divisions which are not available.
Bukkur ... ..	607	371		112,969		273	2,938	‡ Separate figures under the two sub-heads not available.
Upper Sind Frontier ...	429	3	53	8,077	1,075	230	6,809	

J. W. SMYTH,  
for Commissioner in Sind.

*Department of Land Records.—*

Annual Report of the — in the Bombay Presidency, including Sind, for the year 1912-13.

No. 5559.

REVENUE DEPARTMENT.

Bombay Castle, 15th June 1914.

Letter \* from the Settlement Commissioner and Director of Land Records, Ref. No. 252-L.R., dated the 15th December 1913—Submitting, for approval, a proof copy of the Annual Report of the Department of Land Records in the Bombay Presidency for the year 1912-13; and making remarks.

Government memorandum \* No. 61, dated the 5th January 1914, to the Settlement Commissioner and Director of Land Records.

Letter\* from the Settlement Commissioner and Director of Land Records, Ref. No. 252-L.R., dated the 30th April 1914.

RESOLUTION.—During the year under review the administration of the Land Records Department in the Presidency proper continued to advance. The re-writing of the Record of Rights in Government villages in the new form, which has been in hand for the past two years, has been completed in several districts; elsewhere fair progress seems to have been made towards completion. In the Ratnágiri district, however, re-writing has been in great measure postponed, until a staff of measurers is available to do simultaneously the measurement of sub-divisions. Government are doubtful whether postponement on so large a scale is really desirable. They will be glad if the Commissioner will submit a special report on this subject. As regards original work, a beginning was made during the year with the compilation of Record of Rights in survey settled inám and sharakati villages in the Ahmedabad, Kaira, Surat, Násik and West Khándesh districts. Records were also compiled for agricultural land within Municipal limits in Bársi, Pandharpur and other Municipal towns, and for 22 isolated villages in Ratnágiri and two in Kolába, of which number, nine were khoti villages lapsed to Government.

2. An important departure during the year, due to the passing into law of section 135-G of the amended Land Revenue Code, was the systematic organization of operations on an extended scale for the survey of sub-divisions. With this object phalni parties were on work during the year in all districts, except Ahmedabad and Panch Maháls in the Northern Division, Sátára in the Central Division, and Kárwár in the Southern Division; and the total outturn was 462,779 sub-divisions measured and mapped at a cost of Rs. 1,30,542 or 4·5 annas each. Considerable interest attached to the operations in Surat and Broach, where survey by plane-table—a method imported to this Presidency from Northern India—was tried on a large scale with successful results. The Director of Land Records is considering the advisability of extending the use of the method elsewhere. It appears from the reports that field work is now complete in West Khándesh and is nearly finished in Surat. Government trust, therefore, that the Director will take into consideration the desirability of keeping the maps up-to-date and submit, in consultation with the Divisional Commissioners, a report showing how this can best be done. The statement on page 6 of the report showing the expenditure incurred and the recoveries effected is not altogether satisfactory, as out of a total expenditure of Rs. 1,30,542, only Rs. 17,552 were recovered, out of which Rs. 14,481 were in one district. The Director will no doubt arrange with the Collectors that this matter shall receive due attention.

3. As regards the record generally ample evidence is forthcoming in the reports now under review that there has been a great improvement in its reliability

\* Not printed.

and accuracy, and that the confidence of the public in it has largely increased. A striking testimony of this confidence is found in the report that in three districts, Surat, Sâtara and Poona, as well as in Gujarât and Sind generally, there is a tendency on the part of the public to refrain from registering sale and mortgage transactions with the Sub-Registrar, and to rely solely on the record for proof of title. Except in regard to cases of redemption of mortgages, delays in reporting mutations are said to have been less numerous than formerly, and there appears to have been a marked improvement in the disposal of heirship and partition cases by the revenue staff.

4. The performance of their technical duties by the staff of the Department was, on the whole, satisfactory. Boundary mark inspection was effectively carried out in nearly all districts, and the Governor in Council is glad to observe that the cultivators generally are realizing the importance of keeping their marks in proper order and are much more ready to co-operate with the district officers in the matter than used to be the case. A plan such as is fore-shadowed by Mr. Seddon in paragraph 11 of his report for reducing the number of marks, and the expense and trouble of maintaining them, appears to be in every way desirable, and Government will await with interest any proposals which he may desire to make on the subject. The experiment of assigning measurement work only to one Circle Inspector in each taluka is reported to be working satisfactorily in some districts, but to be unsuitable elsewhere. It is understood that the question whether the method should be universally adopted is receiving consideration at the hands of the Commissioners, whose report will be awaited. The employment of special measurers paid from the fees collected from private parties requiring measurement to be done at their own expense is again reported to have afforded relief to the permanent staff in several districts. The number of measurement cases in arrears at the close of the year shows a satisfactory decrease.

5. Complaints regarding the work of the Circle Inspectors are still common ; but signs are not wanting of a considerable improvement in their efficiency as a class and in their output of work. Treated sympathetically and at the same time strictly guided and kept up to the mark, the Circle Inspector is often capable of excellent work. Where his work is inferior, it may not infrequently be found that inadequate supervision or the refusal of the promotion to which his position on the list of establishment would entitle him are contributory causes. Government note that in some of the reports complaints are made that the staff of the Circle Inspectors, which was fixed 20 years ago, is inadequate to perform the duties demanded of them. It seems to the Governor in Council possible that where, as in the richer parts of Poona and Sâtara and in the Konkan, the entries in the Record of Rights are very numerous, some increase in the number of the staff may be necessary. The Director of Land Records is requested to examine the matter in consultation with the Commissioners and, if necessary, submit proposals for additions to the staff. The work of the District Inspectors is generally commended. As a class, they are an efficient and hardworking set of officers.

6. In Sind progress in the introduction of the Record of Rights and in re-writing it in the new forms was maintained during the year. The Commissioner's report testifies to a steady improvement in the accuracy of the record, and to its increasing popularity with the public.

7. The Governor in Council is pleased to place on record his appreciation of the efficient manner in which the Department has been administered by Mr. F. G. Pratt, I.C.S., during his tenure of the appointment of Director for a period extending to nearly three and a half years, during which time he spared no effort in attempting to find a satisfactory solution of the various new problems which continually arise in the development of the land record system in the Presidency.

C. W. A. TURNER,  
Under Secretary to Government.

To

The Commissioner in Sind,  
 The Commissioner, N. D.,  
 The Commissioner, C. D.,  
 The Commissioner, S. D.,  
 All Collectors, including the Collectors in Sind and the Deputy  
 Commissioner, Upper Sind Frontier,  
 The Settlement Commissioner and Director of Land Records,  
 The Director of Agriculture,  
 The Tálukdári Settlement Officer,  
 The Manager, Encumbered Estates in Sind,  
 The Remembrancer of Legal Affairs,  
 The Accountant General,  
 F. G. Pratt, Esq., I.C.S.,  
 The Government of India,  
 The Under Secretary of State for India. } By letter.

} With copies of  
 the Report.