## REPORT

ON THE

# ADMINISTRATION

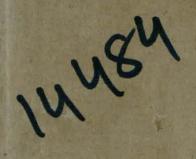
OF THE

# NORTHERN INDIA SALT REVENUE DEPARTMENT

FOR THE

#### OFFICIAL YEAR 1911-12.

THE NORTH-WEST FRONTIER PROVINCE, THE PUNJAB, THE UNITED PROVINCES OF AGRA AND OUDH, THE CENTRAL PROVINCES, RAJPUTANA, CENTRAL INDIA AND THE PROVINCE OF BEHAR.





SIMLA:
GOVERNMENT CENTRAL BRANCH PRESS.
1912.

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#### REPORT

ON THE

## ADMINISTRATION

OF THE

## NORTHERN INDIA SALT REVENUE DEPARTMENT

FOR THE

#### OFFICIAL YEAR 1911-12.

The gross revenue of the Department, Rs. 1,12,96,413, showed an increase Receipts and Charges.

Appendix I. of 1910-11.

The sales of duty paid salt, maunds 97,87,224, were more by maunds 7,24,576, or 8.00 per cent.

The total charges, Rs. 11,68,735, were less by Rs. 82,052, or 6.56 per cent., than those of the preceding year. The percentage of charges on the gross receipts was 10.35 as compared with 11.92. The net receipts, not taking into account treaty payments, amounted to Rs. 1,01,27,678, or Rs. 8,87,154 more than in 1910-11, and, taking into account all treaty payments, they amounted to Rs. 70,59,864.

2. Refunds amounted to Rs. 24,080 as compared with Rs. 24,388 in 1910-11.

The following rebates of duty were paid:—(a) Rs. 13,035 on account of salt used for industrial purposes, (b) half duty amounting to Rs. 10,000 due under treaty to the Bikaner Darbar, (c) excise duty of Rs. 700 refunded to the Divisional Disbursing Officer, 1st Peshawar Division, and (d) Rs. 345 on account of petty miscellaneous items.

The fixed charges of the Department, Rs. 5,24,841, were higher by Rs. 3,198, or 0.61 per cent., than those of 1910-11. Rs. 6,700 included in the fixed charges were paid to the establishment on account of the bonus of half a month's pay sanctioned by the Government of India in Home Department Notification No 73, dated 12th December, 1911. The contingent charges, Rs. 6,19,814, were less by Rs. 84,942, or 12.05 per cent., than those of 1910-11. The expenditure on the manufacture of salt at the Rajputana Salt Sources decreased by Rs. 1,17,258 and the expenditure on the excavation of rock salt in the Cis-Indus Mines Division increased by Rs. 31,122. The expenditure on account of travelling allowance, conveyance of tents and records, stationery, water-supply, construction of roads and buildings, clearance of Through Traffic salt and miscellaneous charges increased by Rs. 5,288; while the expenditure on account of purchase and repairs of tents, house rent, hot weather charges, postage and telegrams, rewards and uniforms decreased by Rs. 2,855. No compensation for dearness of food grain was paid during the year.

3. The Treaty payments during the year amounted to Rs. 30,67,814. The royalty payments on account of Sambhar salt amounted to Rs. 2,49,735, as against Rs. 3,08,011 in 1910-11. The issues of salt by the Department to the United Provinces, Rajputana, Central India and the Central Provinces amounted to maunds 61,33,727, and the issues by the Bombay Salt Department for the same areas to maunds 39,59,251; but the whole of the Treaty payments are debited to the Northern India Salt Revenue Department.

4. In the Cis-Indus and Kalabagh Mines Division, the issue price of salt and rate of duty.

Issue prices of salt and rate of duty.

Warcha and Kalabagh it was raised from 10 pies to one anna a maund from the 1st February, 1912. From the 1st April, 1912, the price of salt issued from the Khewrah, Nurpur, Kalabagh and Warcha depôts was raised to 1 anna 2 pies the Khewrah, Nurpur, Kalabagh and Warcha depôts was raised to 1 anna 2 pies a maund, in order to cover the cost of production. No change was made in the prices of salt elsewhere. The rate of duty, Re. 1 a maund, ordered on 20th March, 1907, remained unchanged.

5. As compared with 1910-11 there were slight increases in the average retail prices of salt per maund in all the selected representative centres entered in Appendix XII, except in the North-West Frontier Province and Rajputana where prices were slightly lower.

offices were sing.						Annas.	
North-West Front	tier Province	θ		•••	decrease	1/3	
	LOUIS DE LO	C. Age	a frequency	A) 31,00	increase	12	
Punjab United Provinces					increase	12	
Behar					increase	$2\tfrac{1}{1}\tfrac{1}{2}$	
Central Provinces	and Berar	G aban	1010 1103	Diog 3	increase	1½	
Rajputana	***				decrease	1	
Central India	•••			1 11.	increase	11/6	
	THE RESERVE AND THE PROPERTY OF THE PARTY OF						

The Jodhpur State continued to levy a duty at the rate of Rs. 2 a maund on all salt sold in the State.

6. The accounts of 1910-11 were compared with those of the Comptroller, Comparison of the Departmental and Treasury India Treasuries. The Departmental figures of revenue are less than the Treasury credits by Rs. 1,358-11-9. The difference, which has been reconciled, is mainly due to certain items having been credited in different years in the accounts of the Comptroller, India Treasuries, and in the Departmental accounts.

The charges debited against this Department in the Treasury Accounts are more by Rs. 570-8-11 than in the Departmental accounts. This difference cannot now be reconciled.

7. During the year the sanction of the Government of India, communicated in letter No. 7906-1, dated 23rd October, 1911, Commerce and Industry Department, was received to my proposals for the partial reorganization of the Department, which, while improving the emoluments and prospects of the Officers and Establishment, will effect an annual saving of Rs. 34,958.

The changes sanctioned are summarized below :-

- (I) The abolition of the appointment of Assistant Commissioner, Didwana, the closure of the Didwana sub treasury and the conversion of the Didwana Division into a Circle in charge of a Superintendent and its inclusion in the Sambhar Lake Division. The abolition of the Didwana Hospital. Medical aid will now be given to the Salt Establishment by the Jodhpur Darbar Hospital at Didwana.
- (II) Abolition of the appointment of one 3rd grade Superintendent on Rs. 300, and increase of one appointment in the 1st grade of Superintendent on Rs. 400. Abolition of the probationary grade of Superintendent on Rs. 200.
- (III) Increase of the local allowance of the Manager, Mayo Mine, Khewrah, from Rs. 100 to Rs. 150. Grant of a local allowance of 100 each to the Superintendent, Warthganj depôt, Khewrah, and Superintendent, Manufacture, Sambhar, and of Rs. 50 each to the Superintendent and Assistant Superintendent at Pachbadra.

- (IV) Reduction of the appointments of Inspectors from 90 to 62.

  Increase of the local allowance of the Inspector, Punjab Circle,
  Internal Branch, from Rs. 20 to 50.
  - (V) Abolition of 3 appointments of Clerks.
- (VI) Increase in the pay of Kotgashts from Rs. 12 and 15 to Rs. 12, 15 and 20. Increase in the pay of Jemadars from Rs. 8, 9 and 10 to Rs. 10, 11 and 15. Increase in the pay of peons from Rs. 7 to Rs. 8 and 9. Reduction of the staff of petty officers and men from 1,675 to 1,359.
- (VII) Reduction in the cost of temporary establishment from Rs. 11,452 to Rs. 10,960.

The increased pay and allowances granted amount to Rs. 1,34,288 a year and the reductions sanctioned will save Rs. 1,69,246 a year. The net annual saving amounts to Rs. 34,958.

Except that a few appointments in the grade of Inspector remain to be absorbed the changes sanctioned by the Government of India have been effected.

- 8. A competitive examination for admission to the superior executive Admission to the superior executive grades of the grades of the Department was held in March, 1912. One appointment was offered for competition. Six candidates were nominated, but only two presented themselves at the examination. Mr. R. N. Haygarth, the successful candidate, has been appointed a probationary Assistant Superintendent.
- 9. The salt tracts, closed salt works and works open for the manufacture of saline substances in the States of Jaipur and Mewar, including the Chaurasi Jagir, were inspected with satisfactory results. The Punjab border adjoining the Bikaner State was patrolled to ascertain whether any of the salt made in the State found its way into British territory. The result showed that the arrangements made by the Darbar were effective.
- 10. Maunds 96,77,144 of full duty paid salt were sold during the year, or sales and issues of salt which paid full duty. maunds 7,11,191 (7:93 per cent.) more Appendix II. than in the preceding year. The sales of Rajputana salt, which amounted to maunds 55,56,865, were more by maunds 4,37,612, or 8:55 per cent. The sales of Sambhar salt increased by maunds 2,63,211, while those of Pachbadra salt fell off by maunds 1,99,132 and of Didwana salt by maunds 24,731. The sales of Cis-Indus and Kalabagh Mines rock salt, maunds 34,91,999, increased by maunds 1,91,903, and those of Kohat rock salt, maunds 5,34,689, by maunds 77,579. The sales of Sultanpur salt increased by maunds 8,992, while those of saltpetre salt fell off by maunds 4,895.

The issues of full duty paid salt, maunds 99,61,018, were more by maunds 5,33,944, or 5.66 per cent., than those of the previous year. The uncleared balance at the close of the year was at Sambhar maunds 7,36,294, at Pachbadra maunds 67,160, at Didwana maunds 2,893 and at the Cis-Indus and Kalabagh Mines maunds 68,555. No uncleared balance of salt remained at the Sultanpur Salt Works.

- 11. The sales of Mandi salt, maunds 1,10,080, were more by maunds 13,385, or 13.84 per cent., than those of the previous year. There was no uncleared balance at the Mandi Mines.
- 12. The sales of salt free of duty, maunds 94,220, were less by maunds

  Sales and issues of salt free of duty and issues of
  salt free of both price and duty.

  Appendix III.

  Sales for the Jodhpur State, where the
  stock of salt was high. The issues of duty free salt, maunds 94,220, also fell
  off by maunds 61,305, or 39 42 per cent, as compared with the previous year.

Maunds 22,610 of salt, free of both price and duty, were issued from Sambhar and maunds 11,000 from Pachbadra. These quantities include maunds 30,150 issued to the Jaipur and Jodhpur Darbars and maunds 1,000 to the Udaipur Darbar, free of clearance charges as well as of duty and price.

13. Maunds 50,716 were issued during the year, maunds 38,446 from Salt issued to Bikaner on payment of half duty. Didwana and maunds 12,270 from Pachbadra, to private traders of the Bikaner State on payment of price and full duty. Half the duty on the quantity so purchased, up to the treaty limit of maunds 20,000, is payable to the Bikaner Darbar.

14. The sales of full duty paid Sambhar salt, maunds 44,80,560, and the issues, maunds 48,26,927, increased by maunds 2,63,211 and 1,49,504, or 6.24 and 3.20 per cent., respectively, as compared with 1910-11. Sales in the Sambhar Division were slack during the first three months of the year, but improved steadily during the next quarter and, by the end of September, 1911, were maunds 5,00,865 in advance of the sales of the preceding year. During the last six months

steadily during the next quarter and, by the end of September, 1911, were maunds 5,00,865 in advance of the sales of the preceding year. During the last six months of the year sales were fairly brisk. Of the quantities consigned to the various provinces, the United Provinces of Agra and Oudh took maunds 33,10,135, Behar maunds 31,920, the Central Provinces maunds 86,880, Rajputana maunds 7,59,102, Central India maunds 4,27,695, Bombay maunds 5 and the Punjab, including the Feudatory States, maunds 2,38,800.

official year was less by maunds 87,75,099, or 87.70 per cent., than in 1910-11. Maunds 7,31,723 of Kyar salt and maunds 4,98,590 of "pan" salt were extracted as compared with maunds 79,80,472 of Kyar salt and maunds 20,24,940 of "pan" salt during 1910-11. Owing to the failure of the monsoon and a practically dry lake in consequence, no brine could be obtained from the lake for the manufacture of salt. A small quantity of salt, however, from some of the Sambhar, Nawa and Japog Kyar pans, charged with lake brine in 1910-11, which, when that year closed, was found to be immature, was extracted during the year under report. This amounted to maunds 1,16,153, viz., maunds 74,934 from the Nawa Kyar, maunds 22,977 from the Japog Kyar and maunds 18,242 from the Kyars at Sambhar. The total quantity of Kyar salt obtained from canal brine during the year amounted to maunds 6,15,570. Maunds 3,51,925 of "pan" salt were extracted at Nawa, maunds 1,44,959 at Gudha and maunds 1,706 at Sambhar.

The rainfall was very deficient. In only one other year since 1870-71 has so little rain been received. The Rainfall and character of season. total fall at Sambhar amounted to 8:04 inches, and at Nawa to 9.36 inches, as compared with 11.70 and 9.62 inches, respectively, during 1910-11. The fall was less by 11.45 inches than the average of the last 40 years. At Sambhar it rained on 6 days in June, 4 days in July, 5 days in August and 13 days in September, and with the exception of the 14th June and 19th November, on which dates 1.52 inches and 1.06 inches, respectively, were registered, only light falls were received. Very little water was brought into the lake by the feeder streams. The depth of brine in the lake, as measured at the gauges on 10th September, 1911, was 1 inch only at Sambhar, while in the Jhapog, Gudha and Nawa sections the lake was practically dry. The depth of brine, measured on the same date in the preceding year, was 8 inches at Sambhar, 9 inches at Jhapog and 6 inches at Nawa. In 1910-11 also Gudha had a dry bed.

17. Owing to the scanty rainfall, the season at the Sambhar Lake was a Outturn of salt for the manufacturing season at very unfavourable one for manufacture. the Sambhar Lake.

Manufacturing operations from Lake brine were impossible, and, so far as Kyar salt was concerned, they were

practically restricted to subterranean brine obtained from the canal at Sambhar. By the close of the season maunds 8,47,315 of Kyar salt and maunds 9,17,228 of "Pan" salt had been extracted and stored. The season's yield amounted to maunds 17,64,543 as against maunds 48,43,451 in the preceding season. Advantage has been taken of the deficient rainfall to thoroughly clean the Kyar pans at Sambhar, Nawa and Jhapog, and this should result in the improvement of the quality of the salt.

As noticed in paragraph 17 of the Administration Report of 1909-10, the labour supply at Sambhar has permanently fallen off, but as manufacture operations were on a very small scale they were not seriously hampered.

The balance of salt in stock on the close of the manufacture season was maunds 47,16,898, and this approximates to a year's sales. The stock balance at the close of the season was maunds 71,89,160 in 1911, maunds 69,57,621 in 1910 and maunds 39,12,743 in 1909.

- 18. The registers showing the history of each Kyar pan, mentioned in paragraph 18 of the Annual Administration Report of this Department for the year 1910-11, are complete to the end of the season 1910-11.
- 19. During the season beginning 1st September, 1911, maunds 8,47,315 of Manufacture of Kyar salt from subterranean Kyar salt were made from subterranean brine. Since from the canal at Sambhar. As the lake was dry, no salt was made from lake brine or canal and lake brine in admixture, as compared with maunds 11,34,414 and 35,333, respectively, in the preceding season.
- 20. Contracts were given for 1,617 pans (1,184 at Nawa, 288 at Gudha and 145 at Sambhar) as compared with 2,018 in 1910-11. Maunds 9,17,228 of "Pan" salt were extracted during the season as compared with maunds 6,98,572 in the preceding season. The quality of pan salt produced was good. No saleable "Lake" salt formed during the year.
- 21. The incidence of cost per maund of Kyar salt amounts to Rs. 0-2-10·87, compared with 5·69 pies in 1910-11 and 5·97 pies in 1909-10. The items included in the cost of manufacture are Rs. 14,424 for extraction and storage, Rs. 70,624 expended on repairs to and cleaning out of pans and Rs. 47,855 on account of interest on capital account, which amounted, at the close of 1911-12, to Rs. 13,24,946. The actual cost of extraction and storage was 3·78 pies per maund, compared with 4·04 pies in 1910-11 and 3·65 pies in 1909-10. The decrease in cost is due to lower extraction rates having been paid for Kyar salt during the year as the salt was manufactured only in Kyars VIII to X where the lead from the pans to the storage platform is short. "Pan" salt cost 6·30 pies a maund for extraction and storage as compared with 5·34 pies in 1910-11. Excluding recoverable advances made to the pan contractors, the net cost of manufacturing "Pan" salt during the year amounted to 5·02 pies per maund, as compared with 5·09 pies in 1910-11 and 4·64 pies in 1909-10.
- 22. The balance of stock at the close of the year amounted to maunds stock balance and results of clearance of heaps 46,85,752 as compared with maunds during the year. 79,51,047 in 1910-11. 89 heaps, estimated to contain maunds 46,54,450; were cleared during the year and the actual outturn was more by 0.27 per cent. Of the 89 heaps, 13 stored in 1908-09 and 33 stored in 1909-10 scaled 18.64 and 0.15 per cent., less, respectively, and 43 stored in 1910-11 scaled 3.57 per cent., more than was originally estimated. The work of estimation of Kyar salt was done by Superintendents and Assistant Superintendents during the year and the result of the clearance of heaps estimated by them was, on the whole, satisfactory.
- 23. The work of pitching with stone the walls of reservoirs in the Sambhar Division was continued. Work on the reservoir No. 1 at Jhapog was not completed when the year closed.

The canal has again been of great assistance.

24. The usual account of the Financial results of the lease of the Sambhar Lake is given below :--

Financial result of the lease of the Sambhar Lake.

## SAMBHAR LAKE.

### Stock accounts.

Salt produced including excesses found on clearance of heaps.

				Mds.
Down to the close of 1	910-11		14 pt u. 11 pt	 15,86,70,565
During 1911-12			121 ·	 14,20,520
		1	Total	 16,00,91,085

Salt cleared from accounts, including sales, free deliveries, wastage and dryage.

				Mds.
Down to the close of 1910-11		100 m		15,07,19,518
During 1911-12				46,85,815
12 252 com 2 to 25 f		Total	2/3/3	15,54,05,383
Balance of stock at the close of	1911-12	di 10		46,85,752

#### REVENUE ACCOUNT.

## Realizations from sale of salt to date :-

ASTATA SALES HANDERS AND		Rs.
Down to the close of 1910-11	 	 4,12,27,780
During 1911-12	 	 11,47,593
E7 (817) US (101) USE	Total	 4,23,75,373

Expenditure incurred, including all Treaty and Royalty payments and interest on capital expenditure and cost of up-keep, the principal being excluded.

			Rs.
10.010	1 10 101	All quiles	3,70,16,069
10440	Mi freeding	(5) (cos (c))	10,14,587
	Alexa prior		-
	Tota	ns 5 mile	3,80,30,656
of 1911-12		AUTORIST ACCESS	43,44,717
	ing 5,00 b, max bray bas koosiis	t (1940) gal alimalilis Ne 2003 alima in an	Tota

The net credit balance at the close of the year was higher by Rs. 1,33,006 than that of 1910-11.

The revenue of the year exceeded the expenditure by Rs. 1,33,006, but the stock balance at the close of 1910-11 was less by maunds 32,65,295, and the value of this at four annas a maund, Rs. 8,16,324, minus Rs. 1,33,006, gives a loss of Rs. 6,83,318.

25. The sales of Didwana salt which paid duty, maunds 3,36,580, were less by maunds 24,731, or 6.84 per cent., Sales and issues and distribution of salt.
Appendices II, III and VI. than the sales in 1910-11.

The issues of full duty-paid salt, maunds 3,37,956, were more than the sales by maunds 1,376 and were less by maunds 22,818, or 6:32 per cent., than the issues of 1910-11. The uncleared balance was 2,893 maunds. No duty-free salt remained uncleared when the year closed.

The full duty-paid salt, issued during the year, was consigned to the Punjab, including the Feudatory States, the United Provinces of Agra and Oudh, Rajputana and Central India.

26. The extraction of salt commenced on the 1st April, 1911, and closed on the 2nd June, 1911. The salt manu-Outturn and stock. Appendix V factured during the year was of good quality. Maunds 3,48,411 were purchased from the manufacturers. The year opened with a balance of salt in stock of maunds 2,29,066. An excess on the quantity estimated and paid for, amounting to maunds 55,800, was discovered, paid for and added to stock. Maunds 3,50,080 were sold and the year closed with a balance of maunds 2,83,197. No deficit was discovered in the heaps cleared during the year. The cost of extraction and storage was 5.75 pies per maund as compared with 4.97 pies in 1910-11 and 5.28 pies in 1909-10. Slightly higher rates were paid for storage in the North Dariba where carts are used, as, owing to the drought, folder for cattle was dear. The price paid to the manufacturers varies, in accordance with the quality of the salt, from 2 pies to 3 pies a maund. The rainfall during the year amounted to 6.50 inches as compared with 16.66 inches in 1910-11.

Pachbadra.
Sales and issues and distribution of salt. Appendices II, III and VI.

27. The sales of Pachbadra salt which paid duty, maunds 7,39,724, were maunds 1,99,131, or 36.84 per cent., more than those of 1910-11. The issues of such salt, maunds 6,81,965, more by maunds 1,34,241, or 24.51 per

The quantity of duty-free salt, maunds cent., than the issues of 1910-11. 75,720, sold and issued to the Jodhpur Darbar during the year was less by maunds 46,600 than in 1910-11. The balance of duty-paid salt remaining uncleared at the close of the year was maunds 67,160. No duty-free salt remained uncleared at the end of the year.

The total issues, maunds 7,68,685, were more by maunds 87,641, or 12.87 per cent., than in 1910-11. The quantities declared at the source for the United Provinces of Agra and Oudh, the Central Provinces, Central India and Bombay increased by maunds, 64,750, 10,957, 73,514 and 5, respectively. The quantity consigned to Rajputana fell off by maunds 61,095 and that to Sindh by maunds 490. No salt was shown as despatched to the Punjab, including the Feudatory States, during the year.

The quantity purchased by Banjaras, maunds 36,509, was maunds 53,282, or 59.34 per cent., less than the quantity purchased in 1910-11.

28. The total rainfall of the year amounted to 7.08 inches as compared with 13.86 inches during 1910-11, and Outturn and stock. Appendix V. was distributed over 10 days in falls varying from 0.01 to 3.79 inches. There was light rain in June amounting to 0.88 inches. The heaviest rain fell in September when 5.97 inches were registered. The largest fall during that month was 3.79 inches. There was a small fall of 0.01 inch in November and the other months of the year were rainless. The average annual rainfall of the 30 years from 1881-82 to 1910-11 amounts to 12.25 inches.

90 working pits were selected for extraction, of these 76 were completely emptied by the close of the year, 2 were extracted during April, 1912, and the salt of 12 pits, being fine in grain and containing impurities, was rejected. The total outturn was maunds 8,90,483, or an average of maunds 11,716.88 per pit.

In previous years difficulty was experienced in obtaining sufficient labour locally for the extraction and storage of the salt required for the trade, but during the year under report, owing to the drought, the people had no other occupation and came freely to work in the pits.

The closing balance of stock at the end of the year was maunds 2,94,674. and, adding the yield of the pits emptied after the close of the year, referred to above, there is a sufficient stock of salt to meet the requirements of the trade

until the beginning of the next manufacture season.

Payment of salt at rates varying in accordance with the quality.

29. The salt taken over from the Kharwals, or pit owners, was paid for as usual at rates varying in accordance with the quality of salt. The bulk of the salt was paid for at the rate of one anna a maund.

- 30. The total cost of constructing new and renovating old pits amounts to Rs. 60,237-6-3, of which Rs. 41,459-13-3 Construction of new and renovation of old pits. have been recovered from the pit owners. The balance to be recovered is Rs. 18,777-9-0.
- 31. The railway sidings were kept in order by the Jodhpur-Bikaner Railway at a cost of Rs. 534. The contractor was paid during the year at the rate of Rs. 1-9-0 per 100 maunds for clearing The Railway sidings and clearing and Through Through Traffic salt as compared with Rs. 1-13-0 in 1910-11.
- 32. The salaries paid to the preventive force at the Luni amounted to Rs. 6,255 as compared with Rs. 5,579 in Preventive arrangement at the Luni and issue of 1910-11. There is also an increase of Rs. 1,156 in contingent expenditure, the total amounting to Rs. 7,334 as compared with 6,178 in 1910-11. Maunds 4,577 of free salt were distributed at the usual rate of 6 seers per head to 30,512 persons residing in 39 villages in the Luni tract. The decrease of 4,186 in the number of recipients and of maunds 628 in the quantity issued is due to migration of the people owing to the drought.
- 33. The quantity of duty-free salt deliverable at Falodi under Article XII of the Jodhpur Treaty is, at the request of the Darbar, being issued from the

Pachbadra Salt Source.

34. The usual account of the Financial administration of the minor salt Financial result of the lease of the minor salt sources in the Jodhpur State is published sources in Jodhpur. below, with reference to Article XI of Salt Agreement of the 18th January, 1879:-

Receipts.	
Sale price of maunds 3,50,080 at Didwana	Rs. 43,760
Sale price of maunds 8,15,445 at Pachbadra	76,510
Total and in Mindle (Mindle (Mindl	1,20,270
Charges.	Seek Alaski
Contracting that of the property of the first terms of the first terms.	Rs.
Expenditure on establishment, contingencies, excluding Treaty payments and the outlay treated as capital expenditure incurred up to the close of 1910-11, but including interest on the latter debitable to price at	Autoris
Didwana	15,092
Ditto ditto at Pachbadra	67,295
Liabilities under Article VI of the Agreement	3,76,000
Total	4,58,387
Net debit balance	3,38,117

35. In accordance with the Government of India Resolution of the 17th Sale prices of salt at the Rajputana Salt Sources. Appendix VII. January, 1882, a sum of Rs. 50,199 expended at Sambhar during the year, was added to the capital account in calculating the actual cost of the salt produced at the Rajputana Salt Sources. The total amount treated as capital expenditure against the price of Sambhar salt to the close of the year was Rs. 16,03,332, comprising Rs. 11,11,485, the cost of construction and repair of the Kyars, Rs. 2,85,255, expended upon railway sidings, Rs. 47,014, upon quarters for the establishment connected with manufacture, Rs. 1,37,630, upon the purchase, repair and setting up of pumps and engines, and Rs. 21,948, the loss sustained upon a portable railway which was sold. The profit and loss on the transactions pertaining to each of the working Salt Sources have been worked out after inclusion into the accounts of leave and pensionary charges and elimination therefrom of Through Traffic receipts and charges. amount of rent in column 7 of Appendix VII shows the rateable share calculated on the sales at all the Salt Sources of a fixed sum of Rs. 3.00.000 a year plus, in the case of Sambhar only, Royalty actually paid during the period.

The accounts compiled on the above basis for the 30 years ending 1911-12 show a net profit of Rs. 1,02,73,390 on the sales of Sambhar salt, while the loss on the sales of salt at the Didwana and Pachbadra Salt Sources amount to Rs. 68,724 and 7,06,796, respectively. There was a slight gain of 6,870 on the sales of salt effected at the closed Salt Sources. The profit on the Rajputana Salt Sources taken as one group amounts to Rs. 95,04,740.

With a view to showing the yearly transactions in respect of each of the Rajputana Salt Sources, the accounts of 1911-12 and of the four preceding years are shewn separately in the statement following Appendix VII.

A total quantity of maunds 24,91,151 costing Rs. 8,37,680, or on an average Rs. 0-5-4-56 a maund, is estimated to have been produced during the year, and maunds 56,51,085 were sold at an average rate of Rs. 0-3-6-19 a maund. The high rate of cost per maund is to a great extent due to Rs. 4,87,861 on account of the rent of the sources, including royalty on sales, having been added to the actual outlay on the small quantity of maunds 12,20,265 manufactured at the Sambhar Lake. The sale proceeds at the Rajputana Salt Sources amounted to Rs. 12,41,660 as against Rs. 8,37,680, the cost of production, or a difference of Rs. 4,03,980. On the other hand the balance of salt in stock was reduced by maunds 31,47,126.

36. Statistics similar to those pertaining to the Rajputana Salt Sources have been furnished in respect to the Salt

The Punjab Salt Sources.
Sale price of Salt at the Salt Sources of the CisIndus and Kalabagh Mines Division.
Appendix VII-A.

have been furnished in respect to the Salt Sources in the Cis-Indus and Kalabagh Mines Division, in Appendix VII-A and in the statement following it. The

accounts commence from 1st April, 1894, and in the transactions for the 18 years ending 31st March, 1912, there was a loss of Rs. 4,27,723, or 1.74 pies a maund, on the sales effected during the period, maunds 4,71,73,509, on which Rs. 25,33,363 were realized on account of price while the cost of excavation and storage amounted to Rs. 29,61,089.

An increase in the rates of payment made to miners for excavation of salt at Kalabagh, Warcha and Nurpur and in the Mayo Mine at Khewrah having been found necessary, the sale price of salt at the first three places was, from the 1st February, 1912, increased from 10 pies to 1 anna a maund. A further enhancement to 1 anna and 2 pies per maund throughout the Cis-Indus and Kalabagh Mines Division, was effected from the 1st April, 1912.

37. The sales during the year in the Cis-Indus and Kalabagh Mines Division, maunds 34,91,999, exceeded the sales of 1910-11 by maunds 1,91,903, or 5.81 per cent. The issues, maunds 34,84,200, also or 5.72 per cent. There was an increase in

were more by maunds 1,88,637, or 5.72 per cent. There was an increase in sales at all the depôts except Nurpur, an unimportant source, where there was

a slight decrease of maunds 100. At Khewra, Warcha and Kalabagh, the sales increased by maunds 1,63,755, 5,242 and 23,006, or 5.77, 3.42 and 7.59 per cent., respectively. The sales of the Khewra Depôt were 85.98 per cent. of the total sales of the whole Division, as compared with 86.02 per cent., in 1910-11. The demand for salt was somewhat dull up to the end of December, 1911, but after that date it improved. No great difficulty was experienced in procuring outside labour for the clearance of salt from the Warthganj Depôt, and, as the wagon supply was sufficient, the uncleared balance was never high. The work connected with the Through Traffic clearances was, as last year, carried out departmentally, instead of through a contractor. The average cost of carriage of salt from the mine to the depôt was Re. 0-11-8 per 100 maunds as compared with Re. 0-10-7.38 during 1910-11 and the average cost of clearance of Through Traffic salt per 100 maunds was Rs. 1-6-11 per 100 maunds as compared with Rs. 1-7-6.12 in 1910-11 and Rs. 1-6-3.84 in 1909-10.

The uncleared balance of Through Traffic salt on the 31st March, 1912, was maunds 53,202.

Maunds 1,03,166, or maunds 8,742 more than in 1910-11, were consigned to places in the Jammu and Kashmir State. Maunds 58,119, or maunds 9,230 more than in the previous year, were consigned to places in the North-West Frontier Province. There was an increase of maunds 70,748 in the quantity of salt consigned to places in the Punjab, including the Feudatory States. The United Provinces of Agra and Oudh received maunds 41,117 more, Bengal, Rajputana and Bombay received maunds 450, 140 and 240 less, respectively, while the Central Provinces and Berar received none, as against maunds 700 in 1910 11. There was an increase in the quantity consigned to all the other provinces entered in Appendix VI.

38. The quantity of salt excavated in the Division during the year, maunds Excavation of salt.

36,39,504, was maunds 4,93,936, or 15.70 per cent., more than in 1916-11.

The balance in stock at the close of the year amounted to maunds 4,19,608 at Khewra, maunds 11,595 at Warcha and maunds 20,494 at Kalabagh. Owing to the abolition of deductions on account of marl in the Mayo Mine from 1st January, 1912, the average outturn per 100 cubic feet at this mine decreased from maunds 140 to maunds 139.16. From the same date rates of payment to miners ranging, according to level below storage stations, from 1 anna to 1 anna 3 pies per cubic foot were introduced instead of the previous uniform rate of 1 anna per cubic foot; consequently the cost per 100 maunds rose from

From 1st February, 1912, it was found necessary to raise the rates for excavation of salt in the Nurpur and Warcha Mines from Rs. 4-0-0 to Rs. 5-8-0 per 100 maunds and at the Kalabagh quarries from Rs. 4-6-10 to Rs. 6-4-0 per 100 maunds.

Rs. 4-7-5-14 to Rs. 4-10-7.

39. Of a total of 22,63,286 cubic feet of salt excavated in the Mayo Mine, 17,65,164 cubic feet were obtained from drift workings. A total length of 1,178 feet of tunnels was driven at a cost of Rs. 2,016. Waste salt was thrown in 19 working blocks of the Pharwala, Sujiwal and Baggy seams. The other annually recurring works connected with the mine, such as railing off dangerous places, repairing existing tunnels, and constructing drains on the surface of the mine hill, cost Rs. 1,381.

The tramway line and rolling stock were kept in good order at a cost of Rs. 3,958. Five large, 5 small and 15 platform trucks were made locally during the year, and 5 sets of wheel axles and axle boxes were purchased at a cost of Rs. 1,124-14-0.

40. To facilitate the bringing out of salt from the low level workings in the

Low level tunnel in the Mayo Mine.

Mayo Mine, a low level tunnel of a total
length of 5,517 feet was sanctioned by
the Government of India in the Department of Commerce and Industry in

letter No. 35-33, dated 4th January, 1911. During the year this tunnel was driven to a length of 437.7 r. ft. at a cost of Rs. 13,979-14-5, which included, in addition to the necessary approach work, the driving of an adit of 150 r. ft., the building of a temporary dynamite magazine, and the purchase of machinery at a cost of Rs. 8,559-11-2.

41. Khewra and the other salt mines of the Division escaped the plague Expenditure connected with plague at Khewra and the other salt mines of the Division.

during 1911-12. An expenditure of Rs. 53 was incurred during the year in connection with precautionary measures.

42. No special expenditure was incurred in respect of the Nurpur and Warcha mines during the year. An exploration drift of 451 r. ft. was worked in the Mari Hill near Kalabagh at a cost of Rs. 2,250-2-0.

43. One fatal and 14 other accidents occurred at the Mayo Mine, where the average number of persons employed daily above and below ground during the calendar year 1911 amounted to 773, including 400 men, 324 women and 49 children under 12 years of age. The fatal accident was to a woman who, while crossing the line without a light, was run over by a truck. The accidents occurred on the tramway above ground in connection with the carriage of salt from the mine to the Warthganj Depôt and below ground in connection with the removal of salt from the workings to the tramway. Three accidents occurred at the Warcha mine and two accidents in the Kalabagh quarries.

44. The sales from the Mandi Mines, maunds 1,10,080, were maunds 13,385,

Mandi Mines.

or 13.84 per cent., more than the sales of
1910-11. There was an increase at
the Guma mine of maunds 20,007, or 76.77 per cent., owing to a restricted output in the previous year. At the Drang mine there was a decrease of maunds
6,622, or 8.71 per cent. The clearances to the British districts of Kangra and
Simla amounted to maunds 57,059 and 405, respectively.

45. There was a shortage of supply of salt at the Drang mine owing to heavy rainfall which caused landslips, but at the Guma mine the supply was sufficient to meet all requirements. The balance of salt in stock, on the 31st March, 1912, was maunds 9,000 at Drang and maunds 200 at Guma.

No serious accident occurred at either mine.

46. The sales of Sultanpuri salt, maunds 31,860, increased by maunds

Sultanpur Salt Works. Sales and issues and distribution of salt. Appendices II and VI. 8,992, or 39.32 per cent., as compared with the sales of 1910-11. There was no uncleared balance at the close of the year. Maunds 31,985 were issued, of

which maunds 29,472 were removed by railway and maunds 2,513 by road, maunds 28,382 being consigned to the United Provinces of Agra and Oudh and maunds 3,603 to the Punjab.

Of the quantity, maunds 29,472, despatched by railway, maunds 10,800 were consigned to Pilibhit, maunds 5,375 to Cawnpur and maunds 3,700 to Dehra Dun. The bulk of the salt declared for the Punjab was destined for places in the Robtak, Delhi and Gurgaon districts.

47. The opening balance of stock was maunds 2,155, maunds 35,334 were manufactured, maunds 31,914 were sold and maunds 5,575 remained in stock at the close of the year. 21 factories were licensed during the year, but only 17 were worked, a decrease of 3 on the number worked in 1910-11.

The price at which salt was sold by the manufacturers at the Sultanpur Salt Works ranged from 3 annas to 8 annas a maund and the average price was 4:56 annas a maund. In 1910-11 the prices ranged from  $3\frac{1}{2}$  annas to 10 annas a maund, and the average price was 6:03 annas a maund.

48. The realizations on account of Hakimi cess at the sanctioned rate of 3 pies a maund, amounted to Rs. 498.

North-West Frontier Province. Kohat Mines Division. Sales and issues and distribution of salt. Appendices II and VI.

49. Compared with the previous year the sales, maunds 5,34,689, and issues, maunds 5,36,254, of Kohat salt during the year were more by maunds 77,579 and 80,433, respectively. The exports to Swat and Tirah increased by

Maunds 1,752 were declared for Kabul, maunds 2,034 and 250, respectively. of which maunds 1,178 were issued from the Jatta Depôt and 574 from Bahadur Khel. Maunds 5,16,180 were declared for places in British territory, a larger amount by maunds 76,397 than in 1910-11. The exports to Kohat, Bannu, Kurrum and Derajat increased by maunds 72,415, 17,782, 3,684 and 4,334, respectively, while the exports to Peshawar fell off by maunds 15,969.

- 50. No accidents occurred at the quarries in the Division during the year. Accidents.
- 51. Maunds 2,53,750 of Kohat salt were carried by railway into the Peshawar valley, as compared with maunds Trade facilities and administrative improvements. 1,59,721 in 1910-11.

The sales, maunds 3,38,636, and the issues, maunds 3,39,874, at the Jatta Depôt were greater by maunds 59,949, or 21.51 per cent., and maunds 61,758, or 22.21 per cent., respectively, than in 1910-11. Of the total quantity of salt issued, maunds 3,13,085, were removed on carts, an increase of maunds 83,758 on the quantity so removed in 1910-11. This increase was almost entirely due to the facilities afforded for cart traffic by the Departmental metalled road, connecting the new depôt with the trunk road from Bannu to Kohat.

The issues, maunds 1,37,249, at the Bahadur Khel Depôt were maunds 17,266, or 14:39 per cent., larger than in 1910-11. The quantity removed on carts, maunds 63,535, shows an increase of maunds 13,221 as compared with 1910-11. The trade at Malgin is declining. The sales and issues at the Karak Depôt are maunds 5,723 more than those of the previous year.

Through Traffic. Extent of trade and number of traders dealing direct with the Department.
Appendices VIII and IX.

52. The Through Traffic sales, maunds 16,77,025, of Sambhar salt during the year were less than those of 1910-11 by maunds 3,29,928, or 16.44 per cent., and comprised 38.25 per cent., of the railborne trade of the Division, as compar-

ed with 49.73 per cent., in 1910-11 and 29.77 per cent., in 1909-10. The Through Traffic sales of Pachbadra salt, maunds 7,03,215, which comprised the whole of the railborne trade of the Division, were larger than those of 1910-11 by maunds 2,52,413, or 55.99 per cent.

The Through Traffic sales, maunds 29,68,658, of Khewra salt increased by maunds 1,65,461, or 5.90 per cent., and formed 93.44 per cent., of the total railborne trade of the Division, as compared with 93 32 per cent. in 1910-11.

The total Through Traffic sales, maunds 53,48,898, represented 64.81 per cent., of the total railborne trade of the three sources which issue salt under the system, as compared with 70.23 per cent., in 1910-11.

The number of traders in Sambhar salt, who dealt direct with the Department, fell during the year from 1,174 to 1,153, while the number of marts from which applications were received for this salt rose from 120 to 122. The number of direct dealers in Pachbadra salt rose from 475 to 571, and there was also an increase of 3 in the number of marts. The number of direct dealers with Khewra rose from 1,980 to 2,327, and there was also an increase of 48 in the number of marts.

53. Revenue on account of Through Traffic salt to the amount of Rs. 61,45,842 Payment of revenue on account of Through Traffic salt into treasuries, post offices and railway stations. was paid during the year, Rs. 51,95,992 into 130 treasuries, including 5 in the Jammu and Kashmir State, Rs. 6,86,099 into 51 post offices, and Rs. 2,63,751 24 stations on the Great Indian Peninsula Railway. The payments made into post offices and the Great Indian Peninsula Railway stations exceeded those of 1910-11 by Rs. 85,238 and Rs. 41,397, respectively, but payments made into Treasuries fell off by Rs. 41,131.

54. The usual account of Through Traffic receipts and charges is given below :--

			Dentis .	Maria Palana	CHARGES.				
	_			Receipts.	Fixed.	Contingen-	Total.		
		and married a		Rs.	Rs.	Rs.	Rs.		
Cis-Indus Mines				46,393	5,995	38,392	44,387		
Sambhar				26,203	3,052	13,723	16,774		
Pachbadra				10,989	2,694	10,195	12,889		
					a de toldeni				
	127/8	Total		83,585	11,741	62,309	74,050		

There was a profit of Rs. 9,535 on the year's transactions. Three pies a maund are realized from traders for clearing Through Traffic salt and the average cost per maund was 2:87 pies at Khewra, 1:92 pies at Sambhar and 3:52 pies at Pachbadra. On the whole the average cost was 2:66 pies per maund.

55. The accounts shown in the preceding paragraph do not include the Loss or gain on Through Traffic transactions. interest on capital expenditure incurred in connection with, and the leave and pensionary charges on account of the establishment employed on, Through Traffic work in the Sambhar, Pachbadra and the Cis-Indus and Kalabagh Mines Divisions. An account including these as also the cost of service stamps is exhibited at the foot of appendices VII and VII-A, and in the statements following them. In the Rajputana Divisions there was a loss of Rs. 51,445 on the transactions for the 30 years ending 31st March, 1912, while in the Cis-Indus and Kalabagh Mines Division, the gain during the 18 years ending 31st March, 1912, amounts to Rs. 3,03,934.

The revenue, Rs. 1,09,782, realized in the Internal Branch was less by
Rs. 7,173, or 6.13 per cent., than in 191011. Maunds 61,778 of purified salt and
maunds 7,254 of Sitta (impure salt) were
excised during the year, compared with

maunds 66,626 and 13,486 in 1910-11. The receipts from license fees, Rs 43,818, were more than those of 1910-11 by Rs 1,419 or 3.35 per cent. The sales of saltpetre salt fell off by maunds 4,381 in the Upper Division, and by maunds 514 in the Lower Division of the Internal Branch. The opening balance of purified salt in the bonded stores of refineries was maunds 18,315 and the closing balance maunds 24,400.

Excluding refunds, the revenue realized was less than the expenditure by Rs. 28,733. The fixed charges, Rs. 1,03,399, were less by Rs. 9,002, and the contingent charges, Rs. 35,116, were less by Rs. 353 than those of 1910-11. The decrease in fixed charges was due to the posting of a junior Assistant Commissioner to the Lower Division and of junior grade clerks to both Divisions of the Internal Branch, as well as to reduction of establishment effected by the partial reorganization of the Department. The small decrease in contingent charges was under the heads "House rent," "Tour charges" and "Rewards." There was a decrease under refunds of Rs. 694.

57. 47,087 licenses to manufacture saline substances were issued during the year, or 872 less than in 1910-11. More licenses by 1,392 were issued for the manufacture of crude saltpetre, and by 4 for the refinement of the same. Fewer licenses by 2,286 were issued for the manufacture of sulphate of soda (Khari), the demand for which was dull throughout the year. There was a decrease of 18 in the number of licenses issued for the manufacture of the carbonates of soda (Rassi and Sajji).

58. 320 licensed refineries, or 6 less than in 1910-11, were worked. The quantity of crude saltpetre refined, maunds 7,80,819, and the quantity of refined saltpetre produced, maunds 4,37,541, were less by maunds 52,068 and

maunds 37,182, respectively, than in 1910-11. The percentage of refined salt-petre produced and of salt educed was 56.03 and 54.92, respectively, as compared with 57.00 and 34.03. Maunds 10,563 of salt were destroyed by the refiners as unsaleable.

Of the refineries which were worked, 313 were licensed during the year, the remainder having been licensed before the financial year began. The same number of refineries were worked in the North-West Frontier Province as last year, but there was a decrease of 3 and 6 in the Punjab and Behar, respectively, and an increase of 3 in the United Provinces of Agra and Oudh. There was an increase of maunds 37 in the quantity of refined saltpetre produced in the North-West Frontier Province as compared with the quantity produced in 1910-11, but the quantity produced in the Punjab, the United Provinces of Agra and Oudh and Behar fell off by maunds 11,491, 428 and 25,300, respectively.

The quantity of saltpetre imported into Calcutta, maunds 3,98,914, was less by maunds 48,971. Of the quantity imported, maunds 2,34,869 were imported from Behar, maunds 1,26,770 from the United Provinces of Agra and Oudh, maunds 36,415 from the Punjab, maunds 425 from Bengal and maunds 435 from Rajputana and Central India. The quantity exported from Calcutta by sea was maunds 3,71,248, or maunds 69,160 less than in 1910-11.

The North-West Soap Company at Meerut, Messrs. D. Waldie and Refunds of duty on salt used for industrial purposes.

Company, Chemists, Messrs. Schroder Smidt and Company, Hafiz Muhammad Halim of Cawnpore and Lucknow, Mr. Enrico N. Stein of Cawnpore and Delhi, Messrs. C. J. Mathews of Cawnpore, and the Central India Spinning, Weaving and Manufacturing Company of Nagpur, held concessions of the right to use salt free of duty for industrial purposes. A fee of Rs. 100 which is payable annually by each of the firms named except the North-West Soap Company, to cover the cost of supervision and incidental expenditure, was duly realized.

Rebates of duty amounting to Rs. 13,035 in all were paid to the above firms.

- 60. Maunds 29,687 of Tibetan salt, or maunds 3,031 more than in 1910-11,

  Salt trade with Tibet and Nepal.

  were imported into the districts of Kumaon aud Garhwal in the United Provinces of Agra and Oudh. The quantity of salt exported to Nepal, maunds 1,21,133, was more by maunds 9,210.
- Supply of salt to Provinces with which the Department has dealings.
  Appendix XIII.

  able per head has been calculated on the aggregate figures of three years.
  The following table summarizing the figures given in Appendix XIII gives, per head of population for the several provinces with which the 1 epartment

has dealings, the balance between the supplies to, and exports from, each province.

		AVER	GE SUPPL	Y PER HEAD	D OF POPU	LATION DU	RING	
	1906-07.	1907-08.	1908-09	Average.	1909-10.	1910-11.	1911-12.	Average.
North-West Frontier Province	6-37	6.31	7.64	6.77	7.08	6.40	9.09	7.52
Punjab	8-39	9 12	9 00	8 84	8-96	8.74	9.42	9.04
Kashmir	11.16	11.33	9.28	10.89	11:42	9.21	10.24	10.39
United Provinces of Agra and Oudh.	77	8-29	8.73	8.06	9.19	9.41	9.53	9.38
Behar	10.93	10.66	11:44	11.01	12.03	11.95	12.48	12.45
Central Provinces	11.57	12.50	13.07	12:38	13.83	12.14	13 88	13.28
Rajputana and Central India			10-60	10.60	11.09	9.85	9.79	10.24

62. 388 cases of offences against the Salt Act occurred during the year, Prosecutions and punishments.
Appendices XIV and XV.

in which 431 persons were implicated, an increase as compared with 1910-11 of 78 both in the number of cases and in the number of persons concerned.

161 persons were prosecuted and 270 were released departmentally. Of the number prosecuted 8 were acquitted and 18 were under trial when the year closed. 135, or 94:40 per cent., of those tried, were convicted, as compared with 97:96 per cent., in 1910-11. 12 of the persons convicted were sentenced to imprisonment, with or without fine, and 123 were fined only.

- 63. Only one case occurred in the Sambhar Lake Division. Two cases

  Cases at the Rajputana Salt Sources and Sultanpur Salt Works.

  Cases at the Rajputana Salt Sources and Sultanbadra, Didwana or the Sultanpur Salt

  Works.
- 64. 5 cases occurred in the Cis-Indus and Kalabagh Mines Division, in Cases in the Cis-Indus and Kalabagh Mines Divi. Which 5 persons were concerned, of whom 3 were released departmentally, 1 acquitted and 1 convicted and fined.
- 65. 10 cases, involving 19 persons, occurred in the Kohat Mines Division against 9 cases and 15 persons in the previous year. 20 cases occurred in which salt was removed, but the smugglers escaped arrest.
  - 66. One case occurred at the Mandi Mines, in which the offender was acquitted by the State officials.
- 67. In the Internal Branch there were 269 cases involving 403 persons.

  Maunds 16-13-7 of salt, pure and impure, and maunds 122-34-6 of other saline substances were seized. 287 persons were detected manufacturing salt illicitly in crude saltpetre factories, 72 licensees were found to have manufactured substances other than those for which their factories were licensed and 44 persons were found to be working unlicensed factories. The Department took no penal action against 258 of the 403 persons. 145 persons were committed for trial, of whom 122 were convicted and the cases of 18 were pending at the close of the year. Of the maunds 16-13-7 of salt seized, maunds 0-18-8 were smuggled from saltpetre refineries.

8.96

34 persons were arrested for manufacturing salt illicitly from saline earth in the Rajampur (Dera Ghazi Khan) Circle.

68. In the Cis-Indus and Kalabagh Mines Division one peon was sen-Criminal offinces committed by Members of tenced to six months' imprisonment for being implicated in a riot case while at his home on leave.

69. Mr. S. R. Arthur held charge of the Department from the 1st April, 1911, to the 3rd November, 1911, charge of the Department. and since then I have held charge. Mr. G. F. Buckley held charge of the office of the Deputy Commissioner throughout the year.

70. Mr. Buckley continued to do excellent work as Deputy Commissioner.

I am pleased to record that the Divisional and Circles Officers have generally worked well. The following deserve special mention:—

Mr. Money as Assistant Commissioner, Cis-Indus and Kalabagh Mines Division.

Mr. Orchard as Assistant Commissioner, Pachbadra and Sambhar.

Mr. Haygarth as Superintendent, Nawa, and Assistant Commissioner, Pachbadra.

Mr. Reid as Mine Manager, Khewra.

Mr. Wilson as Depôt Superintendent, Khewra.

Messrs. McIver and Muhammad Kazim Hussain as Manufacture officers, Sambhar.

Mr. Young as Superintendent, Bahadur Khel.

AGRA;
The 10th September 1912.

R. A. GAMBLE,

Commissioner, Northern India Salt Revenue.

Trefficial Conference of the Mary Name of the Conference of the Co APPENDICES.

## Statement of receipts and charges of the Northern India

AND SOMEONE STATE OF THE STATE		1	2	3	4	5
Hea <sup>3</sup> s		Central Office.	Sambhar Lake.	Didwana salt source.	Pachbadra salt source.	Falodi salt source.
	1				9	
ale proceeds of salt			11,21,390	43,760	76,510	**
excise duty on salt			44,80,560	3,36,580	7,39,725	**
roprietary share of Government (Hakimi Cess) in the produc	e of					***
the Sultanpur salt works.  Yees for licenses for saline works, Internal Branch						
discellaneous, including fines and forfeitures			363	86	38	
Through traffic Collections			26,203		10,989	•••
Total			56,28,516	3,-0,426	8,27,262	
Total of 1910-11			53,05,059	4,08,987	6,09,949	
FIXED CHARGES.						
Officers.		28,229				***
Commissioner	***	15,040				
Deputy Commissioner	***	5,930				
Personal Assistant to Commissioner	***	5,950	11 559	4,210	6,955	
Assistant Commissioners	***	""	11,552			
Exchange Compensation Allowance	•••	1,599	709	219	376	***
Office Establishment.		14,977	16,164	2,450	4,786	
Servants and guards		1,942	3,230	832	2,164	. 19-
Preventive Establishment. Superintendents and Assistant Superintendents		The state of the s	39,989	4,503	3,812	
			14,144	327	5,161	
	***	•••		243		
Clerks			3,199	422	9 105	
Kotgushts, Jemadars and Havildars	"	7 7 8	4,678		3,195	***
Servants and guards	•••	-	19,575	2,612	10,032	***
Medical Establishment	***		4,263	562	1,772	
Temporary Establishment	•••		762	10	95	
Exchange Compensation Allowance		,	266	100		
Total Fixed Charges		67,717	1,18,531	16,490	38,348	
Contingencies, Total of 1910-11		65,844	1,14,556	19,288	37,988	***
Travelling allowances		6,690	3,976	454	985	***
Compensation for dearness of food-grain	•••		*			111
Conveyance of tents and records	•••	287	60	189	64	
Purchase and repairs of tents		414	86	2		***
House rent						***
Hot weather charges	***	165	455	77	68	***
Service postage	.,,	)	21241 - 13			
Telegrams	***	1,732	778	55	304	
Stationery		127	386	25	75	***
Excavation and manufacture of salt			1,50,835	12,102	59,132	
Rewards					SALES IN	
Clearance of through traffic salt			12 700		10 790	
Uniforms	•••		13,722		10,729	
Water-supply	•••	2,227	7	4	13	***
Petty construction and renaire	•	-			1,584	
Migaellaneona	***		5,035	758	4,243	
		844	4,026	691	1,450	
Total Contingencies  Total of 1910 11		12,486	1,79,366	14,357	78,617	
	•••	12,501	3,18,960	10,280	56,236	
Refunds	•••	•••••	69	6,505	3,559	
Total charges		80,203	2,97,966	37,352	1,20,554	
Total of 1910-11		78,345	4,33,593	36,688	97,145	-
Net receipts		-80,203	53,30,550	3,43,074	7,06,708	11
Percentage of charges			5.29	9.82	14:57	
Treaty payments						
Net receipts after deduction of treaty payments					THE RESERVE OF THE PARTY OF THE	

dix I.

6	7	8	9	10	11	THE RESERVE AND DESCRIPTION OF THE PARTY OF
Cis-Indus and Kalabagh mines.	Kohat mines.	Mandi mines.	Sultanpar salt works,	Internal Branch.	TOTAL.	Heads
			17 2 7 7		1-1-	
2,29,756					14,71,416	Receipts.
34,91,999	5,34,689	13,760	31,860	61,714	96,90,917	
			498		498	The state of the s
-				47,458	47,458	3. Preprietary share of Government (Hakimi Coin the produce of the sultanpur salt works 4. Fees for licenses for saline works, Inter
1,352	114		6	5800	2,539	DEBUCH.
46,393	244				83,585	6. Through Traffic Collections.
37,69,700	5,34.503	13,760	33,864	1,09,782	1,12,96,413	Total.
35,56,925	4,57 271	12,087	23,236	1,16,955	1,04,91,311	Total of 1910-11.
					BENEFA	FIXED CHARGES.
-			•••	H	28,229	Commissioner.
		-			15,040	Deputy Commissioner.
	-	-			5,930	Personal Assistant to Commissioner.
10,180	7,301	M		16,435	56,633	Assistant Commissioners.
74	381	-		787	4,145	Exchange Compensation Allowance.
7,157	3,517	PARENTE !		9704		Office Establishment
1,884	1,559		- 1	8294	57,545	Clerks.
35,261	1,672		2401	1,246	12,307	Servants and Gnards.  Preventive Establishment:
8,906	4,041	3,079	3,401	23.8.8	1.22,516	Superintendents and Assistant Superintendents.
2,241	801	0,970	1,560	25,606	62,824	Inspectors.
6,234	4,237	217	850	6,710	13,444	Clerks,
33,233	24,413	1,116		1,022	20,855	Kotgushts, Jemadars and Havildars.
1,728	236	1,410	3,328	18,342	1,12,681	Servants and Guards
1,399			1000		8,561	Medical Establishment.
620				879	3,145 986	Temporary Establishment.
1,08,367	58,188	4,412	9,389	1,03,399	5,24.841	Exchange Compensation Allowance.  Total Fixed Charges.
97,621	57,575	4,382	11.988	1,12,401	5,21,643	Total of 1910-11
4,154	6,760	96	222	25,015	48,352	Contingencies. Travelling allowances.
						Compensation for dearness of food grain.
34	646			3,651	4,931	Conveyance of tents and records.
20	100			1,396	2,018	Purchase and repairs of tents.
0		360	404	364	724	House-rent.
320	139		27	381	1,632	Hot weather charges.
				AL CONTRACTOR		( Service postage.
1,354	575	5	56	2,063	6,922	Telegrams.
364	149	5	3	305	1,439	Stationery.
2,02,520					4,24,589	Excavation and manufacture of salt.
	116			589	705	Rewards.
39,190	4		A 50	via .	63,641	Clearance of through traffic salt.
30	41	11		37	2,370	Uniforms.
646					2,230	Water-supply.
25,078	9,152		731	100	45,097	Petty construction and repairs.
4,507	2,290	57	84	1,215	15,164	Miscellaneous.
2,78,217	19,968	534	1,123	35,116	6,19,814	Total Contingencies.
2,52,984	16,597	507	1,232	35,469	7,04,756	Total of 1910-11.
210	700			13,037	24,080	Refunds.
3,86,794	78,856	4,946	10,512	1.51,552 -	11,68,735	Total charges.
3,50,634	74,672	4,899	13,220	1,61,601	12,50,787	Total of 1910-11.
33,82,706	4,55,947	8,814	21,852	- 41,770	1,01,27,678	Net receipts.
10-26	14 74	35 94	32 48	138.05	10:35	Percentage of charges.
						Treaty payments.
_				-	70,59,864	Net receipts after deduction of treaty payments.

made after publication of the report.

Appendix II.

Statement showing the quantities of the various descriptions of salt sold and issued on payment of duty during the year 1911-12.

		1911	1-12.	
Particulars.	Description of salt.	Quantity of salt sold.	Quantity of salt issued.	Remarks.
Salt which paid full excise duty at Rs. (c) per British maund of 82% lbs.				
Sambhar Lake, Rajputana	Salt obtained by evaporation of the brine of the Lake.	44,80,560	48,26,927	Sambhar Salt.—Sold at a uniform price of 4 annas a maund An additional charge of 3 pies a maund is made for clearing salt by the Departmental Agency.
Didwana Salt Source, Rajputana	Salt produced by evaporation from well brine	3.36,580	3,37,956	Didwana Salt Sold at a uniform price of 2 annas a maund.
Pachbadra Salt Source, Rajputana	Salt obtained from subterranean brine exposed to solar evaporation in large pits.	7,39,725	6,81,965	Pachbadra Salt.—Sold at a uniform price of 1 anna and 6 pies per maund An additional charge of 3 pies per maund is made on salt cleared by the Departmental Agency.
Mayo, Warcha and Nurpur mines, Punjab, cis-Indus, and Kalabagh quarries, trans-Indus.	Rock salt excavated from mines and quarries	34,91,999	34,84,200	Rock Salt.—Sold at a uniform price of I anna and one pie a mannd from Khewra (Warthganj) Depôt and at a uniform price of 10 pies per maund at other depôts up to 31st January 1912 after which it was sold at one anna and one pie from Khewra (Warthganj) Depôt and I anna per maund from other depôts. An additional charge of 3 pies a maund is made on Khewra salt to cover the cost of its delivery into Bailway wagons. Sultanpur Salt.—The salt is the property of the manufacturers and is sold by them at varying
				rates.  Saltpetre Salt.—The salt is the property of the saltpetre refiners and is sold by them at varying rates.
Kohat Salt mines, North-West Frontier Province, trans-Indus.	Rock salt excavated from quarries	5,34,689	5,36,254	Kohat Salt.—Traders make their own arrangements with the miners of the different quarries for the salt they require. The average price paid is about 9½ pies a British maund.
Sultanpur Salt Works, Punjab	Salt produced by evaporation from well brine	31,860	31,985	Mandi Salt.—The realizations on Mandi salt are divided between the British Government and the Raja of Mandi in the proportion of two-thirds of the duty of 3 annas on every maund to the former and one-third of the duty and the whole of the price to the latter. The price was
Internal Branch, Punjab, United Provinces of Agra and Oudh, Behar.	Salt educed in the refinement of saltpetre	61,731	61,731	ten and a half annas a maund throughout the year.
	Total	96,77,144	99,61,018	
	Total of 1910-11	89,65,953	94,27,074	Sales. Issues.  (a) Khewra (Warthganj Depôt) 30,02,541 29,98,275
Salt which paid special rates of excise duty—  (d) Mandi Salt Mines, Punjab				- Warcha Depôt 1,58,592 1,59,797 Nurpur Depôt 4,702 4,702
(w) mand best mines, ranjab	Rock salt excavated from quarries	1,10,080	1,10,080	Kalabagh Depôt 3,26,164 3,21,426  Total 34,91,999 34,84,200
	Sales of 1910-11	96,695	96,695	(b) Jatta Depôt 3,38,636 3,39,874 Bahadur Khel Depôt 1,37,513 1,87,249 Malgin Depôt 39,332 39,923
<b>《阿里斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯</b>	Grand total	97,87,224	1,00,71,098	Karak Depôt 19,208 19,208  Total 5,34,689 5,36,254
(d) Maunds 1,10,080 at annas 2.	GRAND TOTAL OF 1910-11	90,62,648	95,23,769	(c) Rates of full excise duty maunds 96,77,144 @ Ro. 1-0-0

Appendix III.

Statement showing the quantities of salt sold and issued to Native States under treaty obligations during the year 1911-12.

	SALT FREE	OF DUTY.				SALT F	RES OF BO	TH PR	ICE AND DU	ry.		SALT ON WHICH	A REFU	ND OF HALF	THE PULL	DUTY IS PA	YABLE.
Sources of supply.	Native	Quantities to which the States are annual- ly entitled	Quantity of salt sold.	Quantity of salt issued.	Sources of supply.	Nativ	e States.	0 10	Quantities to which the States are annual- ly entitled.	Quantities issued.	Balance due.	Sources of supp	ly.	Native States.	Maximum quantity allowed annually.	Quantity delivered during the year.	Amount of half duty payable.
		0		0 1		6 0	0 5	-	- 5 0	0 0 0	-	0 0 0 0					
		M.ls.	Mds.	Mds.			0.00	0	Mds.	Mds	Mds.				Mds.	Mds.	Rs.
Didwana	1	1	13,500	13,500		Alwar			1,000	1,000	1,000	Sambhar		1	1	***	
Pachbadra	} Jodhpur	2,25,000	75,720	75,720		Bharatpur			1,000	1,000	1,000	Didwans		Bikaner	20,000	10,000	5,000
Falodi	]		12	33		Diolpur			300	300		Pachbadra		)	1	10,010	5,000
		1				Jaipur		***	7,000	7,000	7,000						
	Total	F	89,220	89,2_0	Sambhar	Karauli			50	100							3
						Kishangarh			50	50	50	a			***		
		150				Kotah	J		300		300	1		1 -01			
Samblar	Rampur.	5,000	5,000	5,000		Lawa			10	10	-	******					
	4				i	Jodhpur			14,000	18,150	4,250	*****	E .				
	100	100															
					,	Jodhpur		***	10,000	10,000	10,000						
					Fachbadra }	Udaipur	100		1,000	1,000	1,000						
		15.6															
	5	7.5	-	15 5	7												
GRAND TOTAL		2,30,000	94,220	94,220			Total		34,710	33,610	24,600	Total			20,000	20,000	10,000
						3											
GRAND TOTAL OF 1910-11		2,30,000	1,55,525	1,55,525		Total of	1010-11		34,710	35,520	23,500	Total of 1910-11			20,000	2 ,000	10,000

<sup>\*</sup> A total quantity of maunds 50,716 (38,446 from Didwana, 12,270 from Pachbadra) were booked for consumption in Bikaner territory during the year, but half of the full duty leviable on the maximum quantity of 10,000 maunds was payable as shown above.

# Appendix IV.

Statement showing sums due in connection with salt treaties and agreements and amount paid during the year 1911-19,

Agency or Province.		State.		Article of treaty or agreement, etc.	Amor	ant ble.	Amour paid.	ıt.	REVARIA
					Rs.	A. P.	Rs.	A. P.	
			(	XI Old Treaty, Sambhar	2,75,000	0 0	2,75,000	0 0	
				II Agreement	4,00,000		4,00,000		
Shape of the same	Jaipur		}	VII ditto	11,000		11,000		
				VIII ditto	2,309		2,309	2 7	
			(	XI Old Treaty, Sambhar	1,25,000		1,25,000	0 0	
				XI Old Treaty, Nawa Gudha	3,00,000		3,00,000	0 0	
	Jodhpur			VI Agreement	3,91,800		3,91,800		
	Jounpur	***		VII ditto	19,595		19,595		
				X ditto	1,25,0.0		1,25,000		13113
- Faria	Jaipur		(	Royalty payable on sales at (	1,28,254		TO TOS	9 1	
	Jodhpur	***	{	Sambhar, Article XII of Old Treaty.	2,13,757		1,56,084		
	bodispur		(	TV A	12,900		12,900		
	Uđaipur		}	V dista	35,000		1 1 6	0 0	
State of the	Cumput			VI ditta	1,56,250		1,56,250		
	Alwar			VII ditta	1,25,000		-	0 0	
	Kishanga		***	VII ditto	25,000			0 0	133
	Bikaner		***	VI ditto	6,000		6,0.0		
		31 1		VII ditto	1,50,000		1,50,000		Map.
i	Bharatpu	r	5	Foreign Department No. 1271,	1,00,000	0 0	1,00,000	0 0	
10,413		7.00	(	dated 14th June 1879	500	0 0	500	0 0	
			(	IV Agreement	1,800	0 0	1,800	0 0	
PUTANA AGENCY	Sirohi	•••	{	Financial Department No. 2905, dated 21st August 1884	9,000	0 0	9,000	0 0	1
	Dholpur	***		VII Agreement	60,000		60,000		
	Bundi		No. The last	IV ditto	0.000				
ļ	Dunui			104 400	8,000	0 0	8,000	0 0	
	Tonk		•••	IV ditto	20,000	0 0	10,000	0 0	
	Kotah		***	IV and V Agreement	19,175	0 0	19,175	0 0	
			(	IV Agreement	5,000	0 0	5,000	0 0	
	Karauli	***	}	Foreign Department No. 212-J. P.,	And the second				
	C1-1		(	dated 18th April 1882	694	15 0	694	15 0	
	Shahpura	***		IV Agreement	5,000	0 0	2,916	10 8	
	Jhalawar		***	IV and V Agreement	2,500	0 0	2,500	0 0	
	T-4				1		2,000		1
	dars of	lars and Ja Ajmer.	igir-	Foreign Department No. 1271, dated 14th June 1879	4,178	0 0	4,178	0 0	3. 8. 1
*					-,,,,	0 0	99170	0 0	
1 1 1 1 1 1 1 1 1	Lawa	•••		V Agreement	700	0 0	1,050	0 0	Includes due on 1
	Kaibania			Foreign Department No. 846, dated					1912, but March 19
				15th May 1884		0 0	105	0 0	Marcu 1
1/2	Mir Abdu Sambh	al Aziz and	others,	mert No. 427-J., dated 14th	38436		The same		13/6
				February 1898 14th	251	5 6	251	5 6	
					3-112		3 F 1		
						1000			
				Total Rajputana Agency					

# Appendix IV-concld.

Statement showing sums due in connection with salt treaties and agreements and amount paid during the year 1911-12 —coneld.

Agency or Province.	State.	Articles of treaty or agreement, etc.	Amount payable.	Amount paid.	REMARKS.
		Brought forward	Rs. A. P. 26,38,770 9 11	Rs. A. P.	
	Gwalior	VII Agreement	3,12,500 0 0	3,12,500 0 0	
	Datia	VII ditto	10,000 0 0	10,000 0 0	
	Bhopal	II ditto	10,000 0 0	10,000 0 0	
	Jaora	II ditto	2,500 0 0	2,500 0 0	
	Sitamau	II ditto	2,000 0 0	2,000 0 0	
	Rutlam	II ditto	1,000 0 0	1,000 0 0	
CENTRAL INDIA AGENCY	Indore	Supplementary Article to clause 2 of Agreement	61,875 0 0	61,875 0 0	
	Dewas (Senior)	Supplementary Article to clause 2 of Agreement	412 8 0	412 8 0	
	Dewas (Junior)	Supplementary Article to clause 2 of Agreement	412 8 0		Includes 412 8-0 or
	Sailana	Supplementary Article to clause 2 of Agreement	412 8 0	412 8 0	account of 1910-11
	Narsingarh	Supplementary Article to clause 2 of Agreement	618 12 0	618 12 0	
	Rajgarh	Supplementary Article to clause 2 of Agreement	618 12 0	618 12 0	
	Sampthar	Foreign Department No. 501, dated 4th Janua y 1884	1,450 0 0	1,450 0 0	
		Total Central India Agency	4,03,800 0 0	4,04,212 8 0	
UNJAB PROVINCE	BahawaIpur	VI Agreement	80,000 0 0	80,000 0 0	
ORTH-WEST FRONTIER PROVINCE.	Kohat Chiefs an Villagers.	Finance and Commerce Department No. 2546-8, R., dated 12th June 1896	50,000 0 0	48,841 0 2	
		Total Punjab and North-West- Frontier Province	1,30,000 0 0	1,28,841 0 2	
		GRAND TOTAL	31,72,570 9 11	30,67,813 12 9	

			CREDITS.				DEB	BITS.			
Salt Sources.	Opening balance of stock.	Quantity of salt manufactured or excavated.	Excess discovered in heaps of salt cleared.	Total.	Total stock.	Quantity of salt sold.	Issues of salt free of both price and duty.	Deficits found in heaps of salt cleared.	Total.	Closing balance of stock.*	Remarks.
RAJPUTANA SOURCES.	0 6	9		1,00			0 0	0 0	0 0		
Sambhar	79,51,0	12,30,313	1,00,207	14,20,520	93,71,567	44,85,560	22,610	1,77,645	46,85,815	46,85,752	Sambhar, 89 heaps were cleared with a net
Pachbadra	2,30,6		2,62,546	8,90,483	11,21,118	8,15,445	11,000		8,26,445	(a) 2,94,673	Sambhar, 89 heaps were cleared with a net excess of maunds 12,561 or 0°27 per cent. Pachbadra, 72 heaps were cleared with a net excess of maunds 2,62,546 or 35°86 per cent.
Didwana	2,29,0	3,48,411	\$5,800	4,04,211	6,33,277	3,50,080	***		3,50,080	2,83,197	Didwana, 4 heaps were cleared with a net excess of maunds 55,800 or 20'84 per cent.
Falodi											
Total	84,10,7	22,06,661	5,08,553	27,15,214	1,11,25,962	<b>£6</b> ,51,085	33,610	1,77,645	58,62,340	52,63,622	
Total of 1910-11	26,72,17	8 1,07,78,139	4,55,617	1,12,33,756	1,39,05,934	52,74,778	35,520	1,84,888	54,95,186	84,10,748	
Cis-Indus and Kalabagh Mines.											
				100							
Mayo Mine	2,72,35	2 31,49,797		31,49,797	34,22,149	30,02,511			30,00,541	4,19,608	*These balances exclude the following quantities of salt for which Rawannahs wer
Warcha Mine	10,39	0 1,59,797		1,59,797	1,70,187	1,58,592			1,58,592	11,595	granted but for which no salt was issued b
Nurpur Mine		4,702	***	4,702	4,702	4,702			4,702		the close of March 1912.
Kalabagh Quarries	21,45	3,25,208		3,25,208	3,46,658	3,26,161			3,26,164	20,494	Maunds.
						200119					Sambhar 7,36,294
Total	3,04,19	36,39,504		36,39,504	39,43,696	34,91,939	***		84,91,999	4,51,697	Pachbadra 67,160
Total of 1910-11	4,58,720	31,45,568		31,45,568	36,04,238	33,00,096			83,00,096	3,04,192	Didwana 2,893  Cis-Indus and Kalabagh Mines 68,555
S. H. W. J.	0.15		4.000	05.004	02 100	91 943		54	31,914		Sultanpur Salt Works 8,74,902
Sultanpur Salt Works Figures of 1910-11	2,15		4,330	35,334 23,545	37,489 25,054	31,860 22,868		31	22,899	5,575 2,155	10tal 0,74,502
ergures of 1910-11	1,00	20,000	40	20,040	20,002	20,000	-		-2,500	-,	

								AREAS O	F CONSUMPT	ION.						
Description of salt.		Punjab including Fendatory states.	North- West Frontier Province.	Jammu and Kashmir.	British Baluchistan.	Afghauistan and Independent territory west of the Indus.	United Provinces of Agra and Oudh.	Province of Behar.	Lower Bengal and East Bengal.	Central Provinces and Berar.	Rajputana.	Central India,	Sind.	Bombay.	Total.	REMARK
		Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	
Cis-Indus and Kalabagh Mines rock salt		24,68,104	58,119	1,03,166	7,562		5,93,672	1,68,820	2,700	C	180	265	78,217	3,395	34,84,200	
Kohat Rock salt		6	5,16,174			20,074	***			£					5,36,254	
Mandi Rock salt		1,10,080	***					***							1,10,080	
Salt of the Sultanpur Salt Works		3,603					28,382	***		***			***		31,985	
Sambhar salt	***	2,38,800		1	***		93,10,135	31,920		86,880	7,59,102	4,27,695		5	48,54,537	
Didwana salt		2,32,584					9,840				1,08,792	240		***	3,51,456	
Pachbadra salt			27 5a.	200			1,34,600	12	1	1,36,595	2,36,669	2,59,446	1,370	5	7,68,685	- 100
Falodi salt									/	i		1				
Saltpetre salt		47		***	***		41,234	20,450	***						61,731	(F) 1
Total		30,53,224	5,74,293	, 1,03,166	7,562	20,074	41,17,863	2,21,190	2,700	2,23,475	11,04,743	6,87,646	79,587	3,405	1,01,98,928	
Total of 1910-11		29,35,532	4,88,647	94,424	4,378	16,038	35,76,538	1,97,601	3,150	2,81,213	11,50,739	9,09,257	53,762	3,685	97,14,914	

Further details of the distribution of the salt sold and issued from the Mandi quarries.

					QUANTITY SOLI	D FOR CONSUMP	TION IN BRITIS	H TERRITORY.		QUANTITY 8	OLD FOR CONSUM	IPTION IN NATI	VE STATES.		Total
	Name	e of mine.			Kangra.	Kulu.	Simla.	Total.	Mandi	Suket.	Chumba.	Bilaspur.	Rampur Bashahr.	Total.	quantity of salt cleared.
					Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Guma Drang		***	•••	***	30,752 5,467	1,558	405	32,310 25,154	13,753 27,165	5,834	5	3,361	2.498	13,758 38,858	46,068 64,019
													2,200	30,000	04,012
			Total	***	36,219	20,840	405	57,464	40,918	5,834	5	3,361	2,498	52,616	1,10,080
		Total of 1	910-11		28,583	18,886	432	47,901	37,539	5,527	133	3,234	2,361	48,794	96,69

		Balance of	Carrier Carrier		Exper	NDITURE INCU	RRED.					RECEIPTS.	1	
Salt Sources		salt in stock at commence- ment of the period and the quantity of salt produced less ascertained wastage and issues free of cost to Durbars.	Cost of manufacture and storage.	Cost of supervision.	Share of cost of Hospital establishment, medicines, etc.	Interest on capital expenditure and outlay on account of up-keep of works at 4 per cent. up to 31st March 1900 and 34 per cent, afterwards.	including Royalty on	Leave and Pensionary charges.	Total expenditure,	Average expenditure per maund on salt produced.	Quantity of salt sold during the period.	Realized on account of price.	Average price per maund on salt sold.	Difference between receipts and expenditure.
1	o repres	2	3	4	5	6	7	8	9	10	11	12	13	14
				10.188		50\UK			a Car	Tailor F	astie			
Sambhar		12,54,75,235	36,09,971	9,55,945	20,772	11,43,733	1,39,73,940	1,62,421	1,98,66,782	0 2 6.40	12,07,89,483	3,01,40,172	0 3 11.91	+1,02,73,390
Didwana		1,04,68,041	2,54,995	66,041	6,066	2,667	6,06,185	17,912	9,53,866	0 1 5:49	1,01,84,844	8,85,142	0 1 4.68	-68,724
Pachbadra		2,00,71,674	13,40,564	75,122	7,553	15,589	11,80,602	30,926	26,50,356	0 2 1.35	1,98,35,936	19,43,560	0 1 6.81	-7,06,796
closed Salt Sources		4,03,645	22,497	,	******		24,024	*****	46,521	0 1 10 13	4,03,645	53,391	0 2 1.39	+6,870
Total		15,64,18,595	52,28,027	10,97,108	34,391	11,61,989	1,57,84,751	2,11,259	2.35,17,525	0 2 4:87	15,12,13,908	3,30,22,265	0 3 5.93	+95,04,74

(a) Includes Rs. 67,84,751 on account of actual Royalty payments made during the period-

Balance of salt in stock at commencement of the period—

| Mannds. | Mannds.

Total through traffic receipts during the period ... 10.24,687 Expenditure ... 10,76,132

Balance ... \_\_51,445

Note.—The figures in column 7 indicate:—
Opposite Sambhar.—The actual Royalty payments plus the rateable share calculated on the sales of the fixed sum of Rs. 3,00,000 a year chargeable against the selling price of salt at the whole of the Rajputana Opposite Sambhar.—The actual Royalty payments plus the rateable share calculated on the sales of the fixed sum of Rs. 3,00,000 above referred to.
Opposite the remaining and closed salt actuoes the rateable share calculated on the sales of the fixed sum of Rs. 3,00,000 above referred to.

<sup>\*</sup> Includes maunds 58,935, the probable existing excess of 25 per cent, over the recorded closing stock balance of maunds 2,35,738.

						Expe	NDITURE INC	TERED.					RECEIPTS.		
Salt So	ources.		Quantity of salt produced during the year less ascertained wastage and issues free of cost to Durbark.	Cost of manufacture and	Cost of supervision.	Share of cost of hospital establishment, medicines, etc.	Interest on capital expenditure and outlay on account of upkeep of works at	Rent of sources including royalty on sales.	Leave and pensionary charges.	Total expenditure.	Average expenditure per maund on salt produced.	Quantity of salt sold.	Realised on account of price.	Average price per maund of salt sold.	Difference between receipts and expenditure.
					120		3 per cent.	0.759	2-70	- 12 22	0 2 000	201010		7 3 3	
parameter services	1		2	3	4	5	6	7	8	9 ==	10	11	12	13	14
Sambhar	1		31,89,752	1,15,681	35,582	615	50,912	190 <sup>(</sup> (a) 6,14,316	7-08.	8,22,435	0 4 1.50	51,45,119	12,86,280	0 4 0	+4,63,845
Didwana	***	***	3,35,490	8,944	2,640	220	117	14,569	571	27,081	0 1 3:49	2,92,136	13,697	0 0 9	-13,364
Pachbadra			5,59,669	33,704	6,378	198	1,301	28,592	998	71,161	0 2 0.41	5,73,444	53,760	0 1 6	-17,401
Closed Salt Sources	8		14,32					303		303	3 202	6,075	570	0 1 6	+267
	Total	•••	40,84,911	1,58,329	44,590	1,033	52,330	6,57,780	6,898	9,20,960	0 3 7.28	60,16,834	13,54,307	0 3 7.25	+4,33,347
	Bs. 3,57,780 Bali Sambhar Didwana Pachbadra	on acc	ount of actual re	by payment the close of the	s during the y	rear. Mds3.89 98 2,73,30 (b) 79,168	8	08-09.	Total the Expendit	rough traffic recture	eeipts			 	00 000
			Mds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. a. p.	Rs.	Rs.	Rs. p	Rs.
Sambhar			60,57,111	1,74,655	39,688	861	52,449	5,99,756	5,945	8,73,354	0 2 3.69	52,02,836	13,00,709	0 4 0	+4,27,355
Didwana			2,89,264	7,843	2,640	219	121	10,493	571	21,887	0 1 2.53	2,11,808	9,929	0 0 9	- 11,958
Pachbadra		***	5,07,862	31,145	6,368	288	1,337	31,486	998	71,622	0 2 3 08	. 6,35,579	59,585	0 1 6	- 12,037
Closed salt sources			***				20170	277		277		5,580	523	0 1 6	+ 246
	Total		68,54,287	2,13,643	48,696	1,368	53,907	6,42,012	7,514	9,67,140	0 2 3.09	60,55,803	13,70,746	0 3 7:46	+4,03,606
	- 2		(a) Include Sambhar Didwana Pachbada	Balance of salt	on account of a tin stock at th	actual royalty pe close of the y M 4,64 3,50 —48,2	ear. ds. ,293 ,764	g the year.			Total throi Expen Balance		pts	32,	097 055 042

22

The following statement exhibits the yearly account from 1907-08 to 1911-12 separately.

		1				Expeni	TURE INCURE	ED.					RECEIPTS.		
s	Salt Sources.		Quantity of salt produced during the year less ascertained wastage and issues free of cost to Durbars.	Cost of manufacture and storage.	Cost of supervi- sion.	Share of cost of Hospital establishment, medicines, etc.	Interest on capital expendi- ture and outlay on account of up- keep of works at 33 per cent.	Rent of sources including Royalty on sales.	Leave and pensionary charges.	Total expendi- ture.	Average expenditure per maund on salt produced.	Quantity of salt sold.	Realized on account of price.	Average price per maund on salt sold.	Difference between receipts and expendi- ture.
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	6						1909	-10.							- 1023
			Mds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.	Mds.	Rs.	Rs. A. P.	Rs.
ambhar			65,14,698	1,67,223	38,842	1,160	54,509	(a) 6,02,242	5,677	8,69,653	0 2 1.63	48,05,112	12,01,278	0 4 0	+3,31,62
dwana			2,69,359	7,510	2,640	201	127	17,230	571	28,279	0 1 8.15	3,25,379	19,984	0 0 11:79	- 8,29
					1		600	1		1 2 50		0.750	77 23 200	10-1-2	
chbadra			7,45,164	44,036	6,368	248	1,361	27,917	998	80,928	0 1 8.85	5,27,172	49,422	0 1 6	- 31,5
sed salt source	ев	1						395		395	•••	7,458	699	0 1 6	+ 1
	Total		75,29,221	2,18,769	47,850	1,609	55,997	6,47.784	7,246	9,79,255	0 2 0.97	56,65,121	12,71,383	0 3 7.09	+2,92,1

(a) Includes Rs. 3,47,784 on account of actual royalty payments during the year.

Balance of salt in stock at the close of the year.

Mds.

Sambhar ... ... 21,73,879

Didwana ... ... 2,94,744

Paolibadra ... ... 1,92,012 (b)

Total through traffic receipt ... 26,282

Expenditure ... 26.807

Balance

Didwana			Mds- 99,99,517 3,14,858 6,93,811	Rs. 2,46,986 8,213 41,099	Rs. 42,673 2,640 6,368	Rs. 915 214 285	Rs. 56,542 132 1,386	Rs. (a) 5,48,155 21,643 37,703 510	6,517 597 1,028	Rn. 9,01,488 33,439 87,869 510	Rs. A. P. 0 1 5·31 0 1 8·39 0 2 0·32	Mds. 42,22,349 3,80,536 6,62,913 8,980	Ra. 10.55,587 47,567 62,186 842	0 0	4 0 2 0 1 6	+1,54,099 +14,128 -25,683 + 332
Tota	al		1,10,08,186	2,96,298	51,381	1,414	58,060	6,08,011	8,142	10,23,306	0 1 5.85	52,74,778	11,66,182	0	3 6:45	+1,42,876
	7	a) Inc	ludes Rs. 3,08,01	11 on account	of actual Royal	ty payments d	uring the year.				Total Throu	igh Traffic Rec	eipts			Rs. 38,406
			stock at the clo			144147					E	xpenditure				31,468
	Distance	SMIV		Mds			7.53					ponditure		1		
	Sambhar	* ***					Sales I	TO SERVICE L	0 - 32	TO NO.		Balance	n			6,938
	Didwana															
	Pachbadra		excess of 25 per		635 (b)	•										
	(b) Includ	les an	excess of 25 per	cent over the	recorded balance		19111	2								
												Mds.	l Bs	Do	А. Р.	Rs.
		1	Mds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs,	Rs.	Mds.	ь	168.	Δ. Γ.	As,
Sambhar			12,20,265	1,02,266	35,723	1,270	58,242	4,87,861	6,343	6,91,705	0 9 0.83	44,85,560	11,21,390	0 4	0	+4,29,685
Didwana	***		4,04,211	12,102	2,640	212	138	18,585	599	34,276	0 1 4.28	3,50,080	43,760	0 2	0	+9,484
Pachbadra			8,66,675	59,177	6,368	339	1,411	43,290	1,114	1,11,699	0 2 0.74	8,15,445	76,510	0 1	6	-35,189
To	otal		24,91,151	1,73,545	44,731	1,821	59,791	5,49,736	8,056	8,37,680	0 5 4.56	56,51,085	12,41,660	0 3	6.19	+4,03,980
	Maja se	(a)	Includes Rs. 2,	49,735 on acco	ount of actual I	Royalty payme	nts during the	year.	about the	igi kasa Nio	eligis mias	1804 to 514	Herry I			Bs.
			Balan	ce of salt in st	tock at the close	e of the year.					Total Through	Traffic Receip	ts		33	37,192
			Sambhar			Mds 46,85,7					Expenditure					31,211
			Didwana			2,83,1					Re	lance .				F 003
			Pachbadra			2,94,6				*	100		•••		***	5,981
	1		(b) Include	es an excess of	25 per cent ov											

1910-11.

Appendix VII-A.

Statement showing what the sale price of salt should be at the Salt Sources of the Cis-Indus and Kalabagh Mines Division under the orders contained in Resolution No. 326, dated 17th January, 1882, of the Department of Finance and Commerce calculated for a period of 18 years from 1st April, 1894 to 31st March, 1912.

					10 812	COST OF S	SALT.		grann	SALES.	0 1 1 2 Рв	ICB.	PROFIT	OB LOSS.
			TO COPY			EXCAVATION AN	D STORAGE.			71 5.5	0.37	97.77.	18:10	
	-			Quantity.	Interest on capital ex- penditure.	Other charges.	Leave and pensionary charges.	Total.	Average rate per maund.	Quantity.	Total amount realized.	Average rate per maund,	Total amount of profit or loss.	Profit or loss per maund.
		1		2	3	4	5,0.1-	6	7	8	9	10	11	12 -
				Mds.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.	Mds.	Rs.	Rs. A. P.	Rs.	Rs. A. P.
hewrah				4,12,31,582	3,51,882	22,71,927	30,292	26,54,101	0 1 0.36	4,12,31,582	22,49,694	0 0 10.47	-4,04,407	-0 0 1.89
rpur	***			76,734	119	2,911		3,030	0 0 7.58	76,734	3,644	0 0 9.12	+614	+0 0 1.54
rcha				22,75,042	2,823	1,17,556	4,772	1,25,151	0 0 10.56	22,75,042	1,08,401	0 0 9.15	-16,750	-0 0 1.41
abagh	***			35,90,151	1,231	1,75,172	2,404	1,78,807	0 0 9.56	35,90,151	1,71,627	0 0 9:18	<b>—7,180</b>	-0 0 0.38
		Total	10.0218	4,71,73,509	3,56,055	25,67,566	37,468	29,61,089	0 1 0.05	4,71,73,509	25,33,366	0 0 10 3	4,27,723	-0 0 1.74
draw -								==0		40,		Total Through		6 80 796

-2.481

Balance

## Appendix VIII.

statement showing the quantities of salt sold under the through traffic system at the Khewrah Depot in the Cis-Indus Mines Division and at the Sambhar and Pachbadra Sources in Rajputana, with the proportion borne by the through traffic sales to the total volume of rail-borne trade at these sources during the year 1911-12.

Thewrah Depôt, Cis-Indus Mines Division		Through traffic				29,68,658
		(Ordinary			***	2,08,578
				Total		31,77,236
ambhar Lake		Through traffic				16,77,025
		(Ordinary	DH0			26,95,715
				Total		43,72,740
chbadra Source		Through traffic				7,03,215
		Ordinary			allower house	A by teachers call
				Total		7,03,215
Total		(Through traffic				53,48,898
Total	10.0	Ordinary	0.074++800		4 1/1 ···	29,04,293
			GRAND	TOTAL		82,53,191
out at the out of		Proportion of the t		trade	11-01(0-0-1	64.81
		(Through traffic		So timbere	no 016,8 hm .	52,60,952
Total	•••	Ordinary				22,29,575
			GRAND	TOTAL	M 3/4	74,90,527
		Proportion of the t	hrough traffic	trade		70.23

#### Appendix IX.

Statement showing the number of traders in each of the Provinces supplied by the Department who dealt with the salt depôts in 1911-12 and the number of marts they represented.

			SAMBHA	R LAKE.	PACHBADE	A SOURCE.	Cis-INDUS MI	NES DIVISION.	То	TAL.
Provinces			Number of traders.	Number of marts.	Number of traders.	Number of marts.	Number of traders.	Number of marts.	Number of traders.	Number of
United Provinces	5 Agr	a	595	56	88	25	199	75	882	156
- Aived I to VInces	" Coud	h	131	24	19	6	148	42	298	72
Punjab		44	119	8			1,893	192	2,012	200
North-West Frontier Prov	nce		•••				5	5	5	5
Sind		010	1				10	5	10	5
Baluchistan							7	3	7	3
Rajputana	TRANS.		167	17	177	23	1	1	345	41
Central India			128	13	177	22	2	2	307	37
Central Provinces	100000		12	3	109	9			121	12
Behar			1	1			53	20	54	21
Bengal							4	3	4	3
Kuch (Gujrat Kathiawar)	***		MAN EL PHA			A STANFA				
Bombay					1	1	5		6	4
	Total		1,153	122	571	86	2,327	351	4,051	559
Total	of 1910-11		1,174	120	475	83	1,980	303	3,629	506

## Appendix X.

Statement showing the number of licenses issued for the manufacture of saline substances and the fees realized in the Internal Branch of the Northern India Salt Revenue Department, during the year 1911-12.

			PETRE ERIES.	CEUDE	SALT-	Кн	ARI.	SAJ	JI.	RAS	ISI.	Тот	AL.
1820.80(c) - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			1						The state of	auto d			PULL
	1.673	Number.	Fees.	Number.	Fees.	Number.	Fees.	Number.	Fees.	Number.	Foos.	Number.	Fees.
	100												
North-West Frontier Province		3	150	25	50			•••				28	200
Punjab		27	1,350	1,394	2,788				-			1,421	4,138
Juited Provinces of Agra and Oudh		73	3,650	5,106	10,204	573	3,658	672	1,344	214	428	6,638	19,284
rovince of Behar in Bengal	10.01	210	10,500	27,906	6,975	10,880	2,720	4	1		•••	39,000	20,196
Total		313	15,650	34,431	20,017	11,453	6,378	676	1,845	214	428	47,087	(a) 43,818
	1000	Note:	4										
Total of 1910-11		309	15,450	33,039	18,414	13,739	6,799	585	1,170	287	566	47,959	42,390

<sup>(</sup>a) Excludes Rs. 3,640 on account of fees on manads 7,820 of Sitta (impure saltpetre salt) excised at eight annas a maund.

#### Appendix XI.

Statement showing the work done in the saltpetre refineries of the Internal Branch of the Northern India Salt Revenue

Department, during the year 1911-12.

	which	REFINE	PETRE.	SATT.	E	DUCTION	OF SAL	т.	SALT D		SITTA I	ISPOSE
Provinces.	Number of saltpetre refineries worked.	Quantity of saltpetre utilised for refinement,	Quantity of refined saltpetre produced.	Percentage of refined produce on sattpetre utilised for re- finement.	Purified salt.	Sitta (impure salt).	Total.	Percentage of salt educed on salthetre utilised for refinement.	Salt excised.	Salt destroyed.	Sitta excised.	Sitta destroyed.
North-West Frontier Province	3	732	376	51.37		33	33	4.51			15	10
Punjab	27	1,98,728	71,953	36.21	47	69,508	69,555	35.00	47		6,839	63,566
United Provinces of Agra and Oudh	72	2,71,941	1,52,967	56.25	52,095	83,057	1,35,152	49.70	41,281	4,994	400	922
Province of Behar	218	3,09,418	2,12,245	68-59	26,634	41,326	67,960	21-96	20,450	5,569		39,961
Total	320	7,80,819	4,87,541	56.03	78,776	1,93,924	2,72,700	34.93	61,778	10,563	7,254	1,04,459
Total of 1910-11	326	8,32,887	4,74,723	57 00	79,193	2,04,275	2,83,468	34.03	€6,626	13,740	13,486	1,07,877

<sup>(</sup>b) Excludes Rs. 4,861 on account of fees on maunds 9,722 Sitta (impure saltpetre salt) excised at eight annas a maund.

## Appendix XII.

Comparative statement showing the annual average prices of salt in the principal marts of Northern and Central India for the years 1910-11 and 1911-12.

	lart and Province		MAUND RECOI	EDED BY THE	WHOLESAN AS ASCE	E PRICES : BTAINED BY DEPART	PER BRITISH M Y OFFICERS OF MENT.	THE
	10101		1910-11.	1911-12.	Description of a	alt.	1910-11.	1911-12.
	and on		Rs. A. P.	Rs. A. P.		- Dear	Rs. A. P.	Rs. A. P.
North-We	st Frontier P	rovince.						
Peshawar			1 11 1	1 9 5	Cis-Indus rock		1 13 1	1 8 1
Dera Ismail K	han			į	Kohat rock	***	1 11 0	***
Ala Ismon Is	han		1 7 2	1 7 8	/		***	•••
	Punjab.			45 7				
shore	10000		197	1 9 7	Cis-Indus rock		1 0 7	
lawalpi <b>n</b> di			187	1 8 7		•••	1 6 7	1 6 9
hahpur			1 11 3	1 12 4	Cis-Indus rook		•	1.0.0
ultan			1 10 2	1 11 4	Cis-Indus rock	***	1 8 6	1,8 0
mritsar			1 8 0	1 8 2	Cis-Indus rock		1 7 4	188
llundur			1 9 9	1 8 8				poul o
dhiana			1 8 0	1 8 8	Cis-Indus rock		1 7 0	174
rozepore			1 12 1	1 11 9	Cis-Indus rock		180	1 7 10
obala			1 7 9	1 8 9				
				(	Cis-Indus rock		1 13 5	1 11 8
					Sambhar		1 10 10	1 10 3
lhi			1 13 1	1 13 14	Didwana		1 10 5	1 10 7
					Sultanpuri		1 10 0	1 9 0
			A Superior	1	Pachbadra		1 11 9	444
United 2	ما الله وال		100	Janes   B of 1	8 211			
omied P	Provinces of Oudh.	Agra and	1000	Paar				
			to shall	Just 1	Cis-Indus rock		1 11 3	111 1
erut				ageR 1 8 B	Sultanpuri	•••	1 12 6	1 11 11
erut			1 12 6	1 12 10	Didwana			Judice
					Sambhar		1 11 11	1 11 4
			100	1	Ois-Indus rock		2 0 0	1 15 0
ra			1 12 9	1 12 54	Sambhar		1 11 11	1 11 0
	1.		1 12 0	1 12 0	Saltpetre			•••
					Fachbadra		1 10 10	1 11 9
insi			. 2 0 9	2 0 7	<b>'</b>			
				STATE OF STREET	Cis-Indus rock		1 12 10	1 13 8
				and the second	Sultanpuri		1 13 8	1 14 8
npur			1 13 2	1 13 1	Sambhar		1 12 2	1 13 2
					Pachbadra			1 14 0
				The last to	Saltpetre		1 7 2	170
ahabad			. 2 0 10	2 0 5	Cis-Indus rock		1 14 6	1 14 7
				TABLE TO	Sambhar		1 15 7	1 14 11

## Appendix XII-contd.

Comparative statement showing the annual average prices of salt in the principal marts of Northern and Central India for the years 1910-11 and 1911-12—contd.

	or grandle on	A STREET	RETAIL PRICES MAUND RECOR STATISTICAL	EDED BY THE	Wholesal as ascert	B PRICES P AINED BY DEPARTS	OFFICERS OF TH	ND E
Me	art and Province.		1910-11.	1911-12.	Description of sa	t.	1910-11.	1911-12.
United P	rovinces of Ag	ra and	Rs. A. P.	Rs. A. P.	9 3 39		Rs. A. P.	Rs. A. 1
	Oudh-coneld.			(	Cis-Indus rock	4	1 13 0	1 13
10.8			The second		Sambhar		1 15 0	1 15
Benares			2 5 4	2 5 11 {	Baragara		2 2 7	2 2
				- (	Pachbadra			2 3
				(	Cis-Indus rock		Long	
hazipur			2 5 9	2 5 4	Baragara		2 3 5	2 2
				(	Cis-Indus rock		2 2 8	2 2
0.9.			in the results	an large !	Sambhar	***	2 2 0	
			This was	13 2 11	French			
			and something		Saltpetre			2 0
orakhpur			2 1 9	2 2 1	Baragara		2 1 7	2 1
	1000	70	The second	Mila	Jedda		2 0 0	
			the Victorial	with the	Aden		1 15 2	2 0
			, in		Salif		2 0 1	2 0
				1	Spanish		2 0 0	2 0
hahjahanpur			2 0 10	2 0 8	Cis-Indus rock	***	1 14 2	1 14
0 2 1			La diag	2 0 %	Sambhar		1 14 7	1 14
- 3			militari	ſ	Cis-Indus rock		1 14 2	1 14
areilly			1 15 8	1 15 8	Sambhar		1 14 5	1 13
				l	Pachbadra			
ucknow			2 1 9	2 3 5	Cis-Indus rock		1 14 0	1 14
			in the second	2 3 5	Sambhar		1 13 7	1 13
yzabad			2 2 9	2 2 1			-	
	Behar.	Total Control	, yed		Cis-Indus rock			2 2
0 811		1	as decreasing		Linormal	- *	2 2 1	2 2 2 2
atna .			2 0 9	2 0 0	Solt- d		1 14 11	
			903-9		Salif	***		1 18
			1111			***		1 1
(0)				(	Cis-Indus rock			2
aran (Chapra)			1 14 4	2 2 3	Liverpool		1 13 0	2
	8,85.1	1	A Brough	į	Hamburg		1 13 6	
E 85		177	the state of the state of	[	Liverpool		1 13 8	2
10 11 1	1		The state of		French			
uzaffarpur	7		1 15 1	2 2 4 4	Hamburg	\		
	1			50.0	Saltpetre			2
	1 4/5	1 1	77.		Salif		1 15 2	2 (
				i	Cis-Indus rock		2 9 6	2 7

#### Appendix XII-concld.

Comparative statement showing the annual average prices of salt in the principal marts of Northern and Central India for the years 1910-11 and 1911-12—concld.

					M	AUND	RECO	RS PE PRDRI BUR	BY	TH	R			PER BRITISH MAY OFFICERS OF THE	
Ma	rt and	Provi	nce.		0.00			6125C	17				1 1		
						1910-1	11.		191	1-15	2.	Description of s	alt.	1910-11.	1911-12.
		sztny	ala		aris			over						. W. Salt St. 70 Lat 1.3	
	n ,				1	Rs. A.	P.		Rs.	۸.	P.		ARV.	Rs. A. P.	Rs. A. P.
Samme.	Behar-	-conc	d.	112	and bit			9,00			1	Cis-Indus rock	4-40)	Pro local san	no troit of more
Champaran (M	otihari					2 1	6	-	2	3	4	Liverpool		2 0 0	2 3 2
								0.10.			l	Hamburg	10.00	erdir animaetri	wa umit lightered
				1019				Q 844			1	Cis-Indus rock	***	2 8 11	2 8 3
Monghyr						1 14	6		2	0	54	Liverpool		1 14 1	2 0 7
				A 10				6.0			1	Hamburg		1 11 9	1 14 2
											1	Cis-Indus rock		2 5 7	2 5 5
laya						I 14	11		2	5	7	Liverpool		1 14 3	2 2 2
		1017		70	i by t			0,111	-			Salif			2 2 0
C	entral	Provi	nces.	100				100			į	Sambhar			3 0 0
abalpur		1881				2 6	1		2	7	6		Almes Ul	k. thomas land a	
augor						2 13	4		2	2			7773-77	ne c	
agpur						2 10	4		2		0		1000	(d)	•••
imar				634	\$ 0,000	1 10	3	100	2		1	. ((Matter) difficulty			and one of the special
oshangabad				200	102	2 4	4	R.105	2	8	0	(6.12.11)		er(X) of the Hone	
aipur			•••			2 6	1		2		5	called "V"			10 1 ft* - 40.
		A PAGE		070										i) allower hares era) not buy	III ero 300 mg sp.
No.	Rajp	utana	No. Co.					8.51							
ewar		В				1 9	9		2	3	1	*****			1000
jmer						1 10	100		1	10	8	Cis-Indus rock			
								-			į	Sambhar		1 8 0	1 8 3
odhpur	•••		Q)			2 6	9	5,011	2		8		A		
ipur			•••				10	1.8			2	•••••			-
haratpur				(*10)	EA/E	1 13	10	P. C.	1	12	6	••••	A Air Letting	with westing	rather generalization
3140	Centra	l Ind	ia.	1000	£1			b					All divi	n of the Long	
Transfer				1010				1					Till top to the La	rid yat dpuatt	latitut o
dore			***	494	AU II	2 1	6	1.07	2		7		(ea)	16 16 m. 11 11 11 11	. A.
eemuch			0,12		12,54	1 13	1	bass		13		••••			•••
walior	•••		•••	***		2 0		1		0	0	*****			•••
					Labore			1800					4		4)
	Avera	ge reto	iil.					18%				A line Place Harmon			COLUMN TO ST. 1ST.
orth-West Fr	ontier	Provi	ice, tran	-Indus		1 8	11		1	8	7		C.R. Tal.		
injab, cis-In				***	T	1 9	11	R. IS	1	10	0		Contract of	kana wanas	
nited Province	0 3					2 0	7	1	2	1	0		1		
har		dex	1.0		18.0	1 15	4	P. IT	2	2	3				
entral Province	ces and	Berar	601			2 5	7		2	7	1	``	1 4 7 5 9		distinguished
ajputana						1 14	6		1	14	3	•••••			
	THE STATE		3531 30	Weren the		1 15	5	No. of		0	7	last to the County of the state	TOTAL TOTAL		Will as F

<sup>(</sup>a) All retail prices are those of the kind of salt in common use.

## Appendix XIII.

Statistics of supplies of Salt to and exports from the different Provinces with which the Northern India Salt Revenue Department has dealings (omitting Baluchistan, the information regarding that area being imperfect) for the three years ending with 1911-12.

		1909-10.	1910-11.	1911-12.	Average
		1905-10.	1010-1	1011	3 years.
7 × 6 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2		Maunds.	Maunds.	Maunds.	Maunds.
THE NORTH-WEST FRONTIER PROVINCE.		District			
Supply of Salt.	100	and the	The second		
ssued from the Kohat Mines Division (Departmental Statistics)		4,46,293	4,55,821	5,86,254	4,79,456
Saltpetre Salt (Departmental Statistics)		***			distribution .
mported from the cis-Indus Mines Division (Departmental Statistics)		52,674	48,889	58,119	58,227
Total		4,98,967	5,04,710	5,94,373	5,32,683
Exports.	1		17. 19.00	The state of	
Exports.  Exported beyond the border (Provincial trade Statistics)		3,16,014	3,33,676	3,51,432	3,83,707
,, into the Panjab (Departmental Statistics)		73	25	6	34
Carlo Balling and the state of					
Total		3,16,087	3,33,701	3,51,438	3,33,741
Balance		1,82,880	1,71,009	2,42,935	1,98,942
,, per head of population 21,99,029 souls			-	9.09 lbs.	7.44 lbs.
THE PUNJAB.					
Supply of Salt.					1
Issued from the ois-Indus Mines Division (Departmental Statistics)		33,33,325	32,95,563	34,84,200	33,71,029
", ", Mandi Mines (Departmental Statistics) "		1,01,847	96,695	1,10,080	1,02,708
,, ,, Sultanpur Salt Works (Departmental Statistics)		31,116	23,143	31,985	28,748
Imports from Tibet and Ladakh (Provincial trade Statistics)		1,442	1,578	1,772	1,597
,, by railway and river (Provincial trade Statistics)		3,50,663	3,75,079	3,69,300	3,65,014
,, of Didwana Salt by road (Departmental Statistics)		1,12,310		32,037	48,116
of Kohat Salt by road ,, ,,		73	25	6	31
Saltpetre Salt (Departmental Statistics)		56	-	47	34
Total		39,30,332	37,92,083	40,29,427	39,17,281
Exports.		9 5 01	1		
Exports by railway and river (Provincial trade Statistics)		8,07,685	8,43,615	8,19,913	8,23,73
" to North-West Frontier Province (Departmental Statistics)		52,674	48,889	58,119	53,22
" o British Baluchistan (Departmental Statistics)		2,996	4,378	7,562	4,97
» to Kashmir (State trade Statistics)		3,71,739	3,27,989	3,75,451	3,58,39
Total		12,35,094	12,24,871	12,61,045	12,40,33
Balance		26,95,238	25,67,212	27,68,382	26,76,94
" per head of population 2,41,72,201 souls"			20,07,212	9.42 lbs.	9:11 lbs
KASHMIR AND JAMMU STATE EXCLUDING THE FRONTIER DISTRICT	4			5 32	
Supply of Salt.			2 1 10		The same
Imported into the State (State trade Statistics)		3,71,739	3,27,989	3,75,451	3,58,39
Total	-				
		3,71,739	3,27,989	3,75,451	3,58,39
Balance per head of population 29,30,475 souls				10.54 lbs.	10.06 lbs

• A few of the trans-Frontier Baluchis in a tract adjoining Dera Ghazi Khan and included in the Census of that District, consume salt from Baluchistan.

Note.—The balance per head of population in column 4 has been worked on the population as censused in 1911.

### Appendix XIII-contd.

Statistics of Supplies of Salt in different Provinces, etc.—contd.

			1909-10.	1910-11.	1911-12.	Average of 3 years.
THE UNITED PROVINCES OF AGRA AND OUR	on.		Maunds,	Maunds.	Maunds.	Maunds.
Supply of Salt.				127/11/20		
Saltpetre Salt (Departmental Statistics)			40,491	45,389	41,234	42,371
Imports by rail from the Bombay Presidency including Bo	ombay Port		8,95,228	10,34,867	9,45,105	9,58,400
" Sindh including Karachi Port			21	36	972	343
" Bengal " Calcutta Port			5,07,655	5,02,423	5,31,999	5,14,026
, Madras ,, Madras Port						
" from the Punjab			6,31,702	6,58,385	6,05,269	6,31,785
" " Central Provinces and Berar	- 110 (TAIN)		253	10,440	569	3,754
" " , Rajputana and Central India			34,01,351	33,01,137	35,04,060	34,02,183
" " Eastern Bengal and Assam including Chi	ttagong port		490	-		163
, , Mysore			3			1
, Other than by rail Tibet excepted			63,730	46,654	52,310	54,231
" from Tibet			25,265	26,656	29,687	27,203
				305	High Sufficience	1074 in 19 epoque
	Total		55,66,189	56,25,987	57,11,205	56,34,460
					1000 Sept 1150 2	100
Exports.					Spirit sel	
xports by Rail to Bombay including Bombay Port			11	481	194	229
" to Sindh including Karachi Port	0.00		600			200
" to Bengal " Calcutta Port	e Linday		7,009	9,641	13,614	10,088
» to the Punjab			1,492	365	1,114	990
" to Central Provinces and Berar			5,869	2,402	2,405	3,559
25 to Rajputana and Central India			8,840	11,603	9,148	9,864
" to Eastern Bengal and Assam including Chittage			158		886	348
to the Ninesale to site and			29	111	264	135
			146		Canada and	49
aports other than by rail Nepal excepted					Sattle Co. Lot of the	ded. At
n to Nepal			1,24,162	1,11,923	1,21,133	1,19,072
	Total		1,48,316	1,36,526	1,48,758	1,44,534
					Malaria Della	Table 1 and 1
slance			54,17,873	54,89,461	55,62,447	54,89,926
" per head of population, 4,80,25,143 souls					9.53 lbs.	9.41 lbs.
PROVINCE OF BEHAR.					1	
Supply of Salt.				0504074	99 01 040	07 40 060
aported from Calcutta (Government of India Statistics)	)		36,24,494	37,24,254	38,81,349	37,43,366
,, other provinces (Ditto)		***	1,93,787	1,87,113	2,05,610	1,95,503
altpetre Salt (Departmental Statistics)			20,860	21,237	20,450	20,849
	Total		38,39,141	39,32,604	41,07,409	39,59,718

## Appendix XIII-contd.

Statistics of Supplies of Salt in different Provinces, etc.—contd.

egary).	designation :	1.11-0.01	.0141-0		1909-10,	1910-11.	1911-12.	Average of 3 years.
Abababl	* Almond	patients)	10,141		Maunds.	Maunds.	Maunds.	Maunds.
		Exports.				A Common of the	1/118	
To other Provinces (	Government of	India Statistics)	200.00	•••	22,830	26,144	29,347	26,107
" Nepal	ditto	ditto ()	11.15% Quinto.		2,72,271	3,09,856	3,23,580	3,01,902
							er liferance galler	Alande .
			Total		2,95,101	3,36,000	3,52,927	3,28,009
Ham.E.							Wallian.	William Co.
Balance	0.8	- 000,00			35,44,040	35,96,604	37,54,482	36,31,709
Ditto per head of p	opulation 2,47,5	6,875 souls	**********			(nting)	12.48 lbs.	12.07 lb
					Will House	THE RESERVE OF THE SERVE	ATTO THE OWNER.	
							The state of the s	
		VINCES AND BERAR.				Le try	son a dire than yelfor	from the
6 to 0.7	Supp			340		4.1		T ( ( )
Imports from Madra		lras Port	**		39,986	19,997	25,545	28,509
	s Port				19,052	35,153	31,009	28,405
	ay including Bor		On the Case		*22,04,920	21,05,110	23,68,925	22,26,318
	l excluding Calc	atta Port	***	***	71,409	94,478	1,05,378	90,422
	tta Port		•••	***	6,059	6,964	10,217	7,747
Do. United	l Provinces of A	gra and Oudh	**.		5,869	2,402	2,405	3,559
Do. Punjal			1100		1,080	1,197	22	766
Do. Rajpu	tana and Centra	I India	****		1,49,619	1,49,624	1,94,067	1,64,436
							Ja 941	
			Total		24,97,994	24,14,925	27,37,568	25,50,162
		0.00411					A CONTRACTOR	mani e
	184					on the party of the same	an un tree tenual	a ottatal
1981		eports.					minteresting.	el million
Exports to Madras ex			70.5					
	xcluding Bomba	y Port •s•			183	1,056	171	470
Do. Bombay P			20 Julia		10	381		130
	cluding Calcutta	Port			1,103	1,449	470	1,007
	ort and	983,68	Wis only	***	22			7
	ovinces of Agra		- ***		253	10,440	569	3,754
120.08.1	and Central In	dia		***	38,603	35,447	31,108	35,053
Do. Mysore	t Par Si		***		160		••••	53
Do. the Nizam	's Dominions		) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (		*****	afin 2	Eloa & Wolfeledon	da bendana 1
			Total		40,334	48,775	32,318	40,475
	694,1840							
Balance	011,4410	· en.6 ··	107		24,57,660	23,66,150	27,05,250	25,09,687
				100			Bogs Profit in	MS BY
Ditto per head of	population 1,60	,35,043 souls					13.88 lbs.	12 88 lbs
				100				0.000

<sup>\*</sup> The imports from Bombay are based on department-1 figures as the provincial trade statistics furnished were on the face of them incorrect and references to the officers concerned have failed to elicit correct figures.

NOTE.—The balance per head of population in column 4 has been worked on the population as censused in 1911.

### Appendix XIII-concld.

# Statistics of Supplies of Salt in different Provinces, etc.—concld.

	d.	THE STATE OF		Average
	1909-10.	1910-11.	1911-12.	of 3 years.
Rajputana and Central India.	Maunds.	Maunds.	Maunds.	Maunds
Supply of Salt.				
mantity of salt manufactured by Native States of Rajputana (Jaisulmer, Kotah, Jodhpur and Bikaner Statistics).	15,396	26,482	27,619	23,166
med from the Sambhar Lake (Departmental Statistics)	50,76,036	47,06,943	48,54,537	48,79,372
Ditto Didwana salt source ( ditto )	3,24,106	3,80,099	3,51,456	3,51,887
Ditto Pachbadra ( ditto )	6,38,292	6,81,044	7,68,685	6,96,007
Ditto Falodi ( ditto )	7,458	8,980		5,479
ported from the Punjab (the Punjab Provincial trade Statistics)	2,162	2,436	2,806	2,468
antity of salt manufactured by Native States of Central India (Datia, Gwalior, and Sampthar Statistics).	6,828	2,915	2,476	4,073
ported from the United Provinces (United Provinces trade Statistics)	8,840	11,603	9,148	9,864
Ditto Central Provinces and Berar (Central Provinces trade Statistics).	38,603	35,447	31,108	35,053
Ditto Bengal (Government of India Statistics)	3	278	279	187
Ditto Rombay by Bombay, Baroda and Central India Railway (Railway Statistics).	4,24,076	3,69,460	4,49,206	4,14,247
Ditto Bombay by Great Indian Peninsula Railway (Railway Statistics).	(a)46,969	(6)38,287	(0)48,578	44,611
Total	65,89,369	62,63,974	65,45,898	64,66,414
Exports.				
corts to the Punjab (the Punjab Provincial trade Statistics)	3,47,197	3,34,705	3,65,626	3,49,176
Ditto United Provinces (United Provinces trade Statistics)	34,01,351	33,01,137	35,04,060	34,02,182
Ditto Central Provinces and Berar (Central Provinces trade Statis-	1,49,619	1,49,624	1,94,067	1,64,437
oorts to Bengal apart from Behar (Government of India Statistics)	6,735	5,276	5,548	5,853
Ditto Behar (Government of India Statistics)	30,411	30,532	16,803	25,915
Ditto Sindh (Departmental Statistics)	1,950	1,860	1,370	1,727
Ditto Bombay (Departmental Statistics)	15		5	7
Ditto Punjab by road (Departmental Statistics)	1,12,310		32,037	48,116
Total	40,49,588	38,23,134	41,19,516	39,97,413
ance	25,39,781	24,40,840	24,26,382	24,69,001
itto per head of population 2,03,80,712 souls			9*791bs.	9•971bs.

Note.—The balance per head of population in column 4 has been worked out on the population as censused in 1911.

<sup>(</sup>a) For the calendar year 1909. (b) Ditto 1910. (c) Ditto 1911.

Appendix XIV.

Statement showing the number of persons arrested and prosecuted or released departmentally for offences against the salt law during the year 1911- 2.

Division.  Number of cases.			R	ELEASED BY TH	E DEPARTMEN	r.					Percentage of convictions on number	
	Total number of persons arrested.	Infirm persons, preg- nant women and children.	For making or being in possession of less than one seer of illicit salt.	On proof of ignorance or inadvertence and for want of sufficient evidence.	Total.	Committed for trial.	Acquitted	Convicted.	Pending trial when report was submit- ted.	of persons sent up for trial less those whose cases are pending and those who died or ab-	Died or abscended before trial.	
		8 4			4 8				8 6		sconded before trial.	
Sambar Lake	1	1	1			1			·			
Didwana Salt Source	•••		***		***	***		***	***	***	344	
Pachbadra Salt Source	2	2		2	101	2			`			
Cis-Indus and Kalabagh	5	5		1	2	3	2	1	1	3	50.00	
Sultanpur Salt Works		2			2 m							
Kohat Mines	10	19		4	2	6	13	1	12		92.31	
Mandi Mines	1	1			F 8		1	1				
Internal Branch	369	403	8	197	53	258	145	5	122	18	93.06	
Total	388	431	9	204	57	270	161	8	135	18	94:40	
TOTAL OF 1910-11	310	353	7	145	53	205	148	3	144		97.96	(a)1

(a) Cases that were pending when report for 1910-11 was submitted have been included.

	Persons sentenced to imprisonment with or without fine.							Persons sentenced to fine only.							
	For one month and under.	For more than one month but less than three months.	For three months and more but less than six months.	For six menths and upwards.	Total number in prison- ed.	Total amount of fines in flict- ed in addi- tion to imprison- ment.	Rs. 10 and lesser sums.	More than Rs. 10 but less than Rs. 50.	Rs. 50 and upwards but less than Rs. 100.	Rs. 100. and upwards.	Total number of fines.	Aggregate of fines.	Average fine.		
11-12	6	3	8		12	55	105	18	2	3	123	1,224	9-95		
			\						,						
910-11 (a)	19	2	1		22	10	103	19			122	933	7.64		

<sup>(</sup>a) Cases that were pending when the report of 1910-11 was submitted have been included.

G. C. B. P. Simla.—No. 1 C. N. I. S. R.—26-9 12—170—W.H.B.

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#### REPORT

ON THE

### ADMINISTRATION

OF THE

# NORTHERN INDIA SALT REVENUE DEPARTMENT

FOR THE

#### OFFICIAL YEAR 1911-12.

THE NORTH-WEST FRONTIER PROVINCE, THE PUNJAB, THE UNITED PROVINCES OF AGRA AND OUDH, THE CENTRAL PROVINCES,

RAJPUTANA, CENTRAL INDIA AND THE PROVINCE OF BEHAR.



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