

PUBLIC WORKS DEPARTMENT.

ADMINISTRATION REPORT

OF

IRRIGATION WORKS

IN THE

BOMBAY PRESIDENCY,

1908-1909,

Gul Hawat Institute

Accounts and Statistical Statements.

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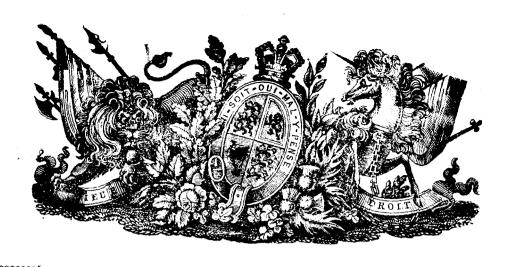
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ADMINISTRATION REPORT

OF

IRRIGATION WORKS IN THE BOMBAY PRESIDENCY FOR 1908-1909.

GENERAL.

The direct and indirect receipts and expenditure of the Irrigation Department during the vear were as follows:—

					T 10	Total,	Direc	T Expendi	TURE.
Class of W	Class of Works.		Direct Receipts.	Indirect Receipts.	Direct and Indirect Receipts.	Capital.	Working Expenses.	Total.	
Major Irrigation Works.	Deccan Sind	and Guja	rát.	Rs. 8,19,086 1,65,632	Rs. 4,031 26,66,105	Rs. 8,23,117 28,31,737	Rs. 16,64,852 2,58,244	Rs. 2,72 628 10,79,884	Rs. 19,37,480 13,38,128
Minor Irrigation Works for which Capital and Revenue Accounts are kept.	Decean Sind	and Guja	rát.	2,37,621 64,725	8,026 15,26,668	2,45,647	80,842 12,866	97,777 3,57,976	1,78,619 3,70,842
Total, Dec	can and	Gujarát	•••	10,56,707	12,057	10,68,764	17,45,694	3,70,405	21,16,099
	To	tal, Sind	•••	2,30,357	41,92,773	44,23,130	2,71,110	14,37,860	17,08.970
Grand Total, Deccan and	Jujarát	and Sind	***	12,87,064	42,04,830	54,91,894	20,16,804	18,08,265	38,25,069
Grand To	tal for 1	908-1909	.,.	13,75,536	34,58,898	48,34,434	15,23,692	16,66,269	31,89,961

2. The following table gives the areas irrigated by the several canals in 1908-1909, compared with those for the year 1907-08:—

Na	mes of Canals.		190 7- 1908.	1908-1909.	Difference.
MAJOR IR	RIGATION WORKS.		Acres.	Acres.	Acres.
Decca	n and Gujarát.				
Nira Canal including Mhasvad Tank Háthmati Canal Lower Pánjhra Rive Kádva River Works Pravara River Works Mutha Canal includi Ekruk Tank Krishna Canal	r Works s - Likh Cánal 2 V	8	40,888 11,016 6,572 2,795 2,906 517 8,928 6,371 5,036	45,533 10,285 8,375 2,165 3,474 1,254 11,740 5,116 5,190	+4,645 -731 +1,803 -630 +568 +737 +2,812 -1,255 +154
T	otal, Deccan and Gujarát	•••	85,029	93,132	+8,103
	Sind.				
Desert Canal Unharwah Begári Canal Eastern Nára Work Jámráo Canal Dad Canal Naolakhi Nasrat Mahiwah		•••	107,231 71,504 320,734 216,990 211,927 90,954 34,538 97,318 75,230	191,122 85,273 824,267 286,895 207,935 119,690 55,452 124,111 99,426	+83,891 +13,769 +3,533 +69,905 -3,992 +28,736 +20,914 +26,793 +24,196
	Total, Major Works	•••	1,311,455	1,587,303	+275,848

	Na	mes of Canals.			1907-1908.	1908-1909.	Difference.
WHICH	CAPI	ATION WITAL AND	ORKS FOR REVENUE	-	Acres.	Acres.	Acres.
		n and Guja					
m				•••	1,859	1,921	+62
Wangroli Ta Khari Cut	n K	•••	•••		6,160	8,525	+ 2,365
Pranza-Nagr	amma	•••	•••	•••	790	242	- 548 + 1,494
avli Tank		•••	•••	•••		1,401 46	- 136
Hartála Tan		***	•••	•••	$\begin{array}{c c} 182 \\ 935 \end{array}$	460	- 475
Mhasva Tanl		•••	•••	•••	6,123	2,825	- 3,298
lámda Canal Parsul T ank	g	•••	•••		933	524	- 409
Pravara Rive	er Works	s-Oibar C	anal	• • •	2,849	8,105	+5,256
Bhátodi Tan		•••	•••	•••	1,195	1,212	+17 -109
Kásurdi do	•	•••	***		128	19 839	- 566
Shirsuphal T	_	•••	***	• • •	1,405 1,115	1,578	+463
Bhádalvádi	do.	•••	***	***	543	494	- 49
Koregaon Ashti	do.	•••	1300	•••	4,574	2,960	-1,614
Pathri Tank	uo.				343	620	+277
Revári Cana		•••	•••		1,248	1,476	+228
Upper Man	River W	orks	***	•••	837	1,184 3,865	+347 +84
Yerla River			11:		3,781 321	453	+13 2
Chikhli Cana Maini Tank	31	***	///	••	1,552	1,609	+57
Maini Tank Muchkundi	Tank		9/10-3-	er.	4	2	-2
Gadikeri	do.	•••			377+	377†	
Dambal	do.	17.00			S 223	231	} +8
			1100	***	144*	144* 167) +58
Medleri	do.	***	***	••	758	895	+137
Madag		***	•••	•••	98	128	}+30
Asu ndi	do.	***	•••	•••	185*	185	,
Mávinkop	do.	•••			561*	559*	-2
Gokák Cana	l, 1st Se	ection, and S	torage Works	401	7,714	8,015	+301
	Ţ	otal, Deccar	and Gujarat	•••	47,046	51,061	+4,015
	•	Sind.					
Sukkur Can	al	•••	•••	•••	121,668	1,37,481	+15,813
Ghár Canal	- 10		•••	•	28 7,663	3,71,681	+84,018
Satta Canal	a all		ixzo£	•••	14,913	17,713	+2,800
Alibhar Kac		nai	ıvaı	•••	11,288	11,555	+267
Marak Grea Sarfrazwah	t Canai	•••	**	•••	61,076 29,82 1	66,070 37,933	+4,994 +8,112
Fuleli Canal		•••	•••	•••	348,301	3,80,165	+ 31,864
Hassanali C		•••	***	•••	13,550	17,126	+3,576
			Total, Sind	• • •	888,280	10,39,724	+ 151,444
	==-	***					
		nor Works ounts are kep	for which Cap ot	pital •••	935,326	10,90,785	+ 155,459
			Minor Works ccounts are kep		2,246,781	2,678,088	+431,307

^{3.} The above table does not include works for which only Revenue Accounts are kept or "Agricultural Works"; including these, the total area irrigated in Sind was 3,702,766 acres. Details will be found in Statement IV E.

[†] Consolidated assessment levied on 337 acres only.

^{*} Area on which consolidated assessment is levied.

In the year 1908-1909, the expenditure on Irrigation Works throughout the Presidency amounted to Rs. 65 lákhs compared with 59 lákhs in the previous year. This outlay was divided between Sind and the Presidency proper in the proportion of 351:30.

2. The expenditure was distributed under different heads as under:-

	Неви	ds.				Amount.	Remarks.
Capital—					Rs.	Ra.	
Major Works—							
Protective Works	***	•••	***		15,05,229		
Productive Works	•••	•••	•••	(b	2,58,244		
act are a laterature						17,63,473	Imperial.
Minor Works and Navigar			L		-	0 50 001	1 Tournamist 3
Works for which Capita	er what weath	ue Account	s are kept	•••	•••••	2,53,331	Imperial and
Revenue-		•					Provincial.
Major Works—					1		
Protective Works		•••	•••	•••	88,144		
Productive Works	`	•••	•••		10,86,570		•
2 100 400170 11 0122	•••	•••	•••			11,74,714	Do. do.
Minor Works and Naviga	tion—						
Works for which Capit		ue Account	s are kept		3,51,721		
Works for which only l	Revenue Acco	ounts are ke	pt	•••	11,94,456	15,46,177	Do. do.
Agricultural Works-							
Works for which neither	r Capital nor	Revenue A	ccounts are	kept.	14,62,795		_ Do. do.
Contribution Works	•••	***	100	***	30,747	14,93,542	Deposits contribu-
				_			tions,
Construction of Protective						() 0.01.100	
Works for which neithe	r Capital nor	Revenue A	ccounts are	kept.		(c) 2,94,130	Imperial.
n	Timakia	Wonka					
Famine Relief Outlay o	n irrigation	WOLKS	100	101	*****	*****	
				Grane	d Total	65,25,367	
				Orall	W TOROT ***	00,20,001	1

- (a) Inclusive of expenditure in England .. Rs. 94,130
- (b) Do. do. ... ,, 15,840
- (c) Do. do. ..., 80

3. The total is classified as under:

		2				Deccan and Gujarát.	Sind,	Total.
Works Repairs Establishment Tools and Plant Refunds of Revenue Suspense Account Receipts on Capital 2	···· ··· ··· Accounts		**** *** *** ***	**** *** *** *** ***	•••	Rs. 17,61,585 4,24,972 7,36,591 70,248 1,460 4,059 —784	Rs. 5,29,598 20,54,529 8,95,182 38,164 2,871 6,893	Rs. 22,91,183 24,79,500 16,31,773 1,08,412 4,331 10,952784
				Total	•••	29,98,131	35,27,236	65,25,367

DECCAN AND GUJARA'T.

NORTHERN DIVISION.

The rainfall gauged during the year at Ahmedabad and Prántij was 32.51, and 40.46 The Hathmati Canal, inches, respectively, against an average of 29.38 and 30.68 inches for the past 30 years including that under report. There was a flood in the Háthmati River on the 17th August 1908, and the water rose to a height of 4.10 feet above the crest of the weir, the rainfall being 4.45 inches on that day at I'dar Ahmednagar. The canal was running full to the end of September, and the discharge continued more or less satisfactory till the end of May 1909, when it fell to 24 cusees only on the 31st May 1909. Surplus water was passed into the Khari River vid the Bhujwa Channel.

nstitute

The Chandola Tank, which is the principal regulating tank in the Khári Cut system The Khári Cut supplied from the Raipur Weir on the Khári River was filled thrice during the year, the last Canal. filling being during December 1908 by water supplied from the Bokh Reservoir, and good rabi and hot weather irrigation was the result.

The highest flood during the year in the Khári River occurred on the 9th July 1908, the depth of water being 6.6 feet above the weir crest at Raipur. The area irrigated and assessed

revenue, as compared with the average of the previous 10 years, are shown in the following table: ~

**************************************		_ ,			1903-1909.				Average of the past 10 years.			
	Name o	f the C	anal.				Ares.	Gross assessed revenue-	Area irrigated.	Gross assessed revenue.		
Háthmati Canal Khári Cut Canal	***	•••	•••	•••	•••		Acres, 8,375 8,525	Rs. 19,757 57,334	Acres. 1,734 1,933	Rs. 4,155 9,741		

The figures of irrigated area and assessed revenue are the highest on record; the increase is due to the good rainfall giving a supply to the Khári River.

The Bokh Reservoir was filled to F. S. L., i. e., R. L. 339 50 on the 9th July. Water subsequently rose above the F. S. L. and flowed over the waste weir.

Khári Sluices.

The Khári Sluices serve the old irrigation lower down the Khári River than the Khári Cnt System. The small Goblaj and Bherai Tanks constructed to protect a portion of good rice land which chronically suffered from a deficient water-supply filled and proved useful. A new distributing chappel has been constructed from the Goblaj Tank, and about 442 acres were irrigated in addition to the Himayat area under the tank. The requirements of the Kalambandi villages, or old irrigation, were fully met and water was also given to the Ex-Kalambandi villages of Damri and Shetra, enough to irrigate 37 and 192 acres respectively.

New tanks in the Kaira and Panch Mahals Collectorates.

The area irrigated and the gross assessment on the Tranja-Nagrama, Wangroli and Savli Tanks, as compared with the previous year, are as shown below:-

				75		78	1908	3-1909.	1907	-1908,
	Na	me of	the Ca	nal.	Z	F	Area irrigated.	Gross assessed revenue.	Area irrigated.	Gross assessed revenue.
Tran <mark>ja-Nagrama</mark> Wangroli Tank Savli Tan <mark>k</mark>	Tank			100	***	•••	 Acres. 242 1,921 1,400	Rs. 853 5,842 4,851	Acres. 790 1,859	Rs. 2,103 6,424

The construction estimates of the Tranja-Nagrama and Wangroli Tanks were closed on the 31st March 1909. The Tranja Tank was not completely filled and the water in the Nagrama Tank did not rise up to sill level. The Wangroli Tank was filled to F. S. L. (R. L. 102.00) and the tank bund and canals were maintained in good condition. There is scope for extension of irrigation, as the water available cannot be utilized unless the Right Bank Canal is extended to where there is good rice land under command. The project for extending the canal has accordingly been prepared, and will be submitted shortly.

The Savli Tank was in progress. Heavy rain fell continuously on the 6th and 7th July water in the tank suddenly rose to R. L. 92.24, and a portion of the tank bund across the nulla subsided at both ends; that is, at the junctions of the old and new work.

887 acres in the Kharif, and 513 acres in the Rabi season were irrigated during the year; these figures are considered satisfactory, as they have been obtained in spite of the subsidence of the tank dam, in the first year in which the tank and canal have been brought into operation.

Work on the construction of the Saiat tank was continued and good progress was made,

the expenditure being Rs. 31,600. The Muwalia Tank was filled to F. S. L. (R. L. 139.00). The Right Bank Canal and the

distributaries were brought into good working order. The outlet at the head of the Left Bank Canal was also completed. The land under command of the two canals as far as constructed, being restricted to 670 acres and the total irrigating capacity of the tank being considerably more, it is considered desirable to extend the Left Bank Canal to command an area of 1,400 acres of good cultivable and irrigable land, and the project was accordingly prepared and submitted for sanction.

The area irrigated was 76 acres in Kharif, and 313 acres in the Rabi season. The expenditure on account of maintenance and repairs of the tank and canals, was Rs. 1,523 during the year.

Old Tanks.

The Saiat Tank.

Muwa'ia Tank,

Improvements to 18, and repairs to 51 small irrigation tanks in the Gujarat Irrigation District, and repairs to 88 in the Surat and Broach District were executed during the year at a total cost of Rs. 35,700, and Rs. 75,515, on improvements and repairs, respectively.

Surveys and Projects

Some further boring work in connection with the Mahi Canal Project was done in the trial pits at the proposed weir site on the right bank of the river. All field work has been completed.

survey of the Khári Reservoir at Dhamatwan was carried out, the expenditure during the being Rs. 1,684.

Government having sanctioned the sinking of a deep boring in Gujarát, all the materials Deep boring, required for boring operations were collected. The expenditure incurred during the year is Rs. 7,405.

Two original works of this class, (1) the Chekla drainage and (2) improvements to Ogan Drainage Channels, rainage channel, were in progress, the expenditure of the year being Rs. 2,003 and Rs. 116 respectively. All the drainage channels worked satisfactorily and were maintained at a cost of Rs. 7,471, and Rs. 8,349, respectively, in the Gujarát Irrigation, and Surat and Broach Districts.

The year's operations have been more satisfactory than those of the previous year.

General.

CENTRAL DIVISION.

(a) Nature and Scope of any large works which have been undertaken or were in progress during the year.

Násik and Ahmednagar Irrigation District.

The masonry dam at Chankapur in the Kalvan Táluka of the Násik District intended to store water for the Girna Left Bank Canal as well as to extend irrigation on the existing 'bandharas' or weirs on the River Girna was in progress. The Stoney undersluice gates 6' × 10' have been temporarily fixed and it is hoped to store water this monsoon up to R. L. 140, full supply being R. L. 167. The capacity of the reservoir up to R. L. 140 is 539 million cubic feet which will be used for rabi irrigation on the Girna Left Bank Canal and will also increase the supply to the existing 'bandharas'.

The 67 automatic gates, counterweights, etc., for the waste weirs were all carted to site and will be fixed next working season. The southern earthen embankment was completed and the northern one in progress and completed up to full supply level. The expenditure during the year was Rs. 1,12,730.

On the Girna Left Bank Canal the earthwork of 13 miles and 26 masonry works have been completed, the expenditure incurred during the year being Rs. 25,768.

On the Waghad Tank the storage reservoir for the Kadwa River Canals, the works of the waste weir and dam were completed in all respects. Water was stored up to R. L. 123.80, making the quantity of water available for irrigation 476.81 million cubic feet. The expenditure during the year was Rs. 10,132.

Godáveri Irrigation District.

The Godáveri Canal Project, estimated to cost Rs. 95,61,044 including indirect charges, was sanctioned by the Secretary of State for India during 1906-1907 and works were regularly commenced in the month of February 1907. The project consists of—

- (1) A storage reservoir on the River Darna near Igatpuri in the Násik District.
- (2) Canal Head works comprising a pick-up weir with head regulators, scouring sluices and protective embankments on both sides of the River Godáveri near Nandur-Madhmeshwar in the Niphád Táluka of the Násik Collectorate.
- (3) Godáveri Right Bank Canal, 72 miles long.
- (4) Godáveri Left Bank Canal, 50 miles long.

These canals are intended to irrigate a total area of 63,919 acres in the Nasik and Ahmednagar Collectorates, the area under command of both canals being 239,698 acres.

At the Darna dam, the Service Road-Inspection bungalow and Subordinate's quarters were completed. The excavation for the dam and waste weir was nearly completed and excavation of approach channel of waste weir commenced. The masonry of the dam made very good progress. The side frames of six undersluices and two turbine-sluices were fixed in position in addition to the 30" turbine pipe and valve.

The foundations of the pick-up weir for the Head works at Nandur-Madhmeshwar were completed, with the exception of the Right and Left Bank training walls and a length of 300 feet of the weir, where a fault was met with in the rock where additional masonry will have to be provided. Masonry work was started over the whole of this length and about 10½ lákhs of masonry were laid during the year. The Head regulator and scouring sluices on the Left Bank were founded and carried to nearly sill level and the masonry for those on the Right Bank was started. The flank embankment on the Left Bank was started, while that on the Right Bank was half completed. The Inspection bungalows and Subordinate's quarters were completed as well as all temporary buildings. About 8 miles of road diversion on either bank were taken in hand and earthworks completed.

On the Right Bank Canal, excavation was in progress over a length of 56 miles, of which length 32 miles were completed. Nearly all the masonry works in the first 22 miles were started and a few were nearing completion.

Inspection bungalows at Somthana, Kolgaon and Poegaon were practically completed. A canal telegraph line was also completed but the instruments are not yet fixed pending completion of offices.

On the Left Bank Canal, the whole line has been demarcated and work was in progress up to miles 12. An Inspection bungalow at Deogaon was in progress. The surveys for distributaries were in progress.

The expenditure during the year on the Project was as under :-

				Rs.
Darna Reservoir		,**	•••	4,97,932
Pick-up weir	•••	•••	•••	2,72,067
Godáveri Right Bank Canal	***	•••	***	2,5 7,0 1 9
Godáveri Left Bank Canal	***	•••	•••	28,596
Distributaries	•••	•••	•••	1,158
			Total	10,56,772

and the total expenditure up to date is Rs. 16,88,789.

Ahmednagar District.

This is not an Irrigation District, but for convenience of work, the construction of masonry works of the Ojhar Right Bank Canal was entrusted to the Executive Engineer, Ahmednagar District. This canal, of which the earthwork was carried out in recent famines, forms part of the Pravara Project lately sanctioned by the Secretary of State for India. The main features of this large project are the construction of a masonry dam 250 feet high at Bhandardara situated on the Ghaut district of the Ahmednagar Collectorate, the raising of the existing low weir at Ojhar and providing sluices in it for the Right Bank Canal, the widening and extension of the existing Left Bank Canal and the completion of the Right Bank Canal. The estimated cost of this project is Rs. 86,44,841 including indirect charges, and the canals are estimated to irrigate an area of 49,440 acres.

Funds were not sufficient to make a satisfactory start on the whole project and the limited amount available is being spent on providing masonry works for the Right Bank Canal and bringing a portion into use for monsoon irrigation as soon as possible. About 10 miles have been nearly completed.

Poona Irrigation District.

During the year under report, the work of constructing a pick-up weir on the Shiroli nalla under the Nira Canal, which was commenced last year, was completed. The object of this work is to pick up leakage water from the Nira Canal and utilize it for irrigation purposes and it is proposed to extend this system to other nallas where found feasible.

The work of making a portion of the Mutha Canal water-tight was in progress during the year, the expenditure incurred being Rs. 18,007. For this length, the canal is being widened so as to have a capacity of 1,000 cusees with a full supply of 10 feet and the bed and sides of canal lined with 6 inches of mortar. As it is not feasible to close the canal except for very short periods, the work is being carried out in lengths of 500 feet, the water in the canal being diverted through a corrugated iron flume 500 feet in length placed in a cutting on the upper bank of the canal.

Estimates for the following works were sanctioned during the year:-

	Amount of Estimate for works.
	Rs.
(1) Providing a complete set of steam pumping machinery	72,494
(2) Removing and replacing with larger main the existing	,
mains in the Yerayda Central Prison	52,046
(3) Enlarging the water-supply main going to Bhamburda	4 2,6 5 8
(4) Constructing an overbridge across the Mutha Right Bonk	,000
Canal near Parbati	3,713
	- ,

The first three works are in connection with the Poons Cantonment water-supply.

Work No. 1 was almost completed during the year, the expenditure incurred being Rs. 61,500.

Works 2, 3 and 4 were partially carried out, the expenditure on them being Rs. 38,375, Rs. 21,849 and Rs. 1,303 respectively.

Sholapur District.

In the Sholapur District, the Wadshivne Left Bank Canal has been completed. This small canal, 6 miles long, is intended for the distribution of the storage from the Wadshivne Tank near Kem. The tank was constructed as a famine relief work and has a capacity of 203 million cubic feet. The area irrigable by the canal is 926 acres. The construction of the Pathri Tank Left Bank Canal was in progress. This is another famine tank, the capacity of which is 407 million cubic feet. The canal is to be about 8 miles long and will irrigate 2,500 acres. Detailed surveys and estimates were made for 5 miles, and 3 miles of the canal were excavated at a cost of Rs. 10,372. The total estimated cost for 5 miles is Rs. 54,801.

Second Class Irrigation Works.

On Second Class irrigation works in the Násik and Ahmednagar Irrigation District, a sum of Rs. 23,201 was expended on repairs and extensions and improvements during the year and in West Khándesh a sum of Rs. 12,035.

The following table shows areas irrigated and gross assessed revenue on the irrigation works in 1908-1909 as compared with the average of the last 10 years:—

					1908-	1909.	Average of p	ast 10 years.
	Name of W	orks.		4	A rea irrigated.	Gross assessed revenue.	Area irrigated.	Gross assessed revenue.
Ма	ijo r P<mark>rotec</mark>ti i	ve Works	. ,,		Acres.	Rs.	Acres.	Rs.
Nira Canal including	Shetphal	•••		111	45,533	3,22,569	40,910	2, 26,978
Mhaswad Tank	•••	***	•••		10,285	45,637	7,221	26,431
			To	otal	55,818	3,68,206	48,131	2,53,409
	Productive I	Vorks.			- 40 //			
					W 1111	//		
Lower Panjhra River	r Works had Tank		•••	•••	2,165	13,420	2,610	15,898
Kadwa River Pálki		***		***	2,361	30 14,874	2,044	109 1 1, 572
	r Támbat				616	3,491	549	2,842
	ali Canal	***	***		497	2,436	430	1,705
Lákh Canal	•••	•••	***		1,254	1,648	709	1,347
Mutha Canals includ	ing Mátoba	***		•••	11,740	3,45,830	10,941	3,20,548
Ekruk Tank	•••	•••	•••	•••	5,116	61,212	4,248	33,104
			To	tal	23,749	4,42,941	21,531	3,87,125
		Total,	Major Wo	rks	79,567	8,11,147	69,662	6,40,534
Minor	Works and	Navigat	ion.		-		•	
Hartála Tank	***	•••	•••	•	46	529	33	570
Mhaswa Tank		•••	***		460	1,769	448	1,454
Jámda Ca na's Parsol Tank		•••	***	•••	2,825	7,462	2,865	7,191
Oihar Canal	-101	***	- 9	XP4	524	932	555	2,214
Ojnar Canar	عايال	T::: T	14	- Y - C	8,105	11,902	5,783	9,203
Bhátodi Tank						6 191	869	4 879
			•••	w/	1,212 19	6,121 207	862 101	4,872 602
Kásurdi Tank Shirsuphal Tank	***	•••	•••	•	1,212 19 839	6,121 207 2,486	862 101 1,003	4,872 602 2,362
Kásurdi Tank Shirsuphal Tank Bhádalwádi Tank		•••		*	19 839 1,578	207	101 1,003 1,307	602 2,362 3,011
Kásurdi Tank Shirsuphal Tank Bhádalwádi Tank Koregaon Tank	•••	•••	***		19 839 1,578 494	207 2,486 3,703 1,407	101 1,003 1,307 262	602 2,362 3,011 653
Kásurdi Tank Shirsuphal Tank Bhádalwádi Tank Koregaon Tank Ashti Tank	•••	•••	•••	• • · • • ·	19 839 1,578 494 2,960	207 2,486 3,703 1,407 11,966	101 1,003 1,307 262 2,269	602 2,362 3,011 653 7,640
Kásurdi Tank Shirsuphal Tank Bhádalwádi Tank Koregaon Tank Ashti Tank	***	•••	*** *** ***	00- 00- 00-	19 839 1,578 494	207 2,486 3,703 1,407	101 1,003 1,307 262 2,269 172*	602 2,362 3,011 653 7,640
Kásurdi Tank Shirsuphal Tank Bhádalwádi Tank Koregaon Tank Ashti Tank	•••	•••	*** *** ***	• • · • • ·	19 839 1,578 494 2,960	207 2,486 3,703 1,407 11,966	101 1,003 1,307 262 2,269	602 2,362 3,011 653
Kásurdi Tank Shirsuphal Tank Bhádalwádi Tank Koregaon Tank Ashti Tank Páthri Tank	•••	•••	To	00. 00. 21.	19 839 1,578 494 2,960 620	207 2,486 3,703 1,407 11,966 2,151	101 1,003 1,307 262 2,269 172*	602 2,362 3,011 653 7,640 578*
K4surdi Tank Shirsuphal Tank Bhádalwádi Tank Koregaon Tank Ashti Tank Páthri Tank	***	•••	To	00. 00. 21.	19 839 1,578 494 2,960 620	207 2,486 8,703 1,407 11,966 2,151 50,635	101 1,003 1,307 262 2,269 172*	602 2,362 3,011 653 7,640 578* 40,350
K4surdi Tank Shirsuphal Tank Bhádalwádi Tank Koregaon Tank Ashti Tank Páthri Tank Secon Poons Irrigation Nasik and Abmedna	d Class Ierig		To	otal	19 839 1,578 494 2,960 620 19,682	207 2,486 3,703 1,407 11,966 2,151	101 1,003 1,307 262 2,269 172*	602 2,362 3,011 653 7,640 578*
K4surdi Tank Shirauphal Tank Bhádalwádi Tank Koregaon Tank Ashti Tank Páthri Tank Secon Poons Irrigation Ngsik and Abmednag East Khándesh	d Class Irrigation		Toorks.	otal	19 839 1,578 494 2,960 620 19,682 731 31,890 586	207 2,486 3,703 1,407 11,966 2,151 50,635	101 1,003 1,307 262 2,269 172* 15,660	40,350 3,502 1,86,048 3,617
K4surdi Tank Shirauphal Tank Bhádalwádi Tank Koregaon Tank Ashti Tank Páthri Tank Secon Poons Irrigation Ngsik and Abmednag East Khándesh	d Class Irrig	eation W	Toorks.	otal	19 839 1,578 494 2,960 620 19,682	207 2,486 3,703 1,407 11,966 2,151 50,635	101 1,003 1,307 262 2,269 172* 15,660	602 2,362 3,011 653 7,640 578* 40,350
Poons Irrigation Nasik and Abmednas	d Class Irrigation	action W	orks.	otal	19 839 1,578 494 2,960 620 19,682 731 31,890 586	207 2,486 3,703 1,407 11,966 2,151 50,635	101 1,003 1,307 262 2,269 172* 15,660	40,350 3,502 1,86,048 3,617

^{*} Average of three years.

There was an increase of 7,687 acres in the area on Major Protective Works as compared with the average of the last ten years and an increase of Rs. 1,14,797 on the gross assessed revenue. The increase in the area of the Nira Canal including the Shetphal Tank was chiefly

due to the higher demand for water for monsoon crops caused by want of seasonable rainfall. The gross revenue is the largest on record. The increase in area and assessment in the case of the Mhaswad Tank, though the figures are less than those of last year, is chiefly due to enhanced rates and the demand for water owing to the want of timely rainfall.

In the case of Productive works collectively the area irrigated was 2,218 acres only in excess of the average of the past 10 years, but there was a substantial increase of Rs. 55,816 on the average of the gross assessed revenue. The bulk of this was on the Mutha Canals and Ekruk Tank where there were increases of Rs. 25,282 and Rs. 28,108 respectively. The revenue for Ekruk is the highest on record and is due to the same reason as for Mhaswad Tank. Under Minor Works and Navigation, there is an increase in the area of 4,022 acres and a rise of Rs. 10,285 in the revenue. Most of the works contribute to this, but the principal rise is in the case of Ashti Tank where there is an increase of 691 acres in the area and Rs. 4,326 in the revenue—due to the reasons given in the case of Mhaswad and Ekruk Tanks. The Páthri Tank shows a satisfactory increase but it has only been in operation 3 years with a temporary channel. When the new canal is completed there should be a substantial increase. On the whole, the increase of area under the Heads Major Works Protective and Productive and Minor Works amounted to 13,927 acres and the increase in revenue to Rs. 1,80,898.

(b) Important events which have occurred concerning works.

There were no events of much importance to record during the year. The rainfall generally was not very satisfactory, the late rains failing in most places. There were no extraordinary floods to report during the year.

(c) Engineering questions, etc., which have arisen.

In the Poona Irrigation District, the work of cleaning and deepening the nalla near Pandara on the Nira Canal for the purpose of improving the land affected by salt efflorescence on its banks was nearly completed. Drains through fields required for leading the water from the sub-soil to the nalla were constructed from contribution paid by the cultivators. This experimental measure appears to have succeeded in partially reclaiming the lands in one year and it is expected that in a few years the lands will be cultivable, provided the cultivators take care to keep the field drains in good order.

An estimate amounting to Rs. 5,810 for an experimental pumping station for utilizing the sub-soil water for irrigation in the village of Hol under the Nira Canal was sanctioned during the year.

Surveys, etc.

In the East Khándesh District, the discharges were measured of the river Aner at Ganpur, Manad at Saigaon and Tapti at Kathora and near the Bhusáwal Railway bridge, and of the river Waghera at Raipur in the Jalgaon Táluka. In the West Khándesh District, the river Bori at Purmapada, Arunawati at Karwand and Kan at Khandbara were gauged in connection with storage reservoirs at those places. Surveys for the improvement to a number of bandharas and channels in the Násik and Nagar Irrigation District were in progress during the year. Well observations on the Godáveri and Pravara Canals were carried out.

A considerable number of projects drawn up by the Special Duty Overseers on the preparation of famine programme of village works were examined and disposed of during the year.

At the village of Chandnapuri in the Sangamner Taluka of the Ahmednagar Collectorate the work of constructing field embankments was continued. The work is intended as an experiment to test the usefulness of the work of terracing and field embankments for which estimates on a large scale have been prepared for famine purposes.

Results of new administrative measures affecting the Department which have been tried.

The block system of irrigation introduced on the Nira Canal continued to work satisfactorily.

The experiment regarding distribution of water by time and measurement started last year on Distributary No. 29 of the Nira Canal near Baramati was continued.

The telegraph line on the Nira Canal continued to prove of great assistance in the efficient working of the canal.

SOUTHERN DIVISION.

The area under irrigation and the gross assessed revenue on all the first class Irrigation Works in the Southern Division are shown below in two statements; in the first, they are

detailed by works, and in the second, by Districts. The figures of the past year are compared with those of the average of the previous ten years:—

Statement I .- Individual Works.

Name of Work.	1908-	190 9 .	Average of 10 y	f previous ears.	Area under consoli-
Varing of A ole	Area. irrigated.	Assessed revenue.	Area irrigated.	Assessed revenue.	dated assessment.
Major Works.	Acres.	Rs.	Acres.	Rs.	
Krishna Canal	5,190	46,187	6,445	45,297	
Minor Works.					
Rewári Canal	1,476	5,789	674	3,626	
Upper Mán River Works	1,184	3,692	885	3,229	1
Yerla River Irrigation Works	•••} 3,863	16,477	3,082	12,454	}
Chikhli Canal	454	2,460	296	1,486	}
Maini Tank Canal	1,609	7,935	1,458	5,450	
Muchkundi Tank		12	49	406	() 0-1- 22-
Gadikeri Tank Dambal Tank	(a) 377	1,987	345	1,987	(a) Only 337 acres an under consolidated
A	(b) 375	1,332 1,013	35 2 99	1,970	assessment.
AC 1 (B) 1-	00"	2,915	862	654	(b) Includes area unde
. 30 mg 1	(1) 910	1,205	315	2,478 1,347	consolidated assess
Asundi Tank	(e) 559	2,467	555	1,964	ment.
Gokák Canal, 1st Section, and Store		2,20,	300	4,502	(c) Area nuder consol
Works	8,015	36,431	9,852	44,794	dated assessment.
Total	19,289	83,715	18,824	81,345	
Grand Total	24,479	1,29,902	25,239	1,27,142	
	· States	nent II.—1	Districts.		
Name of District.		AIII.		11/// (20)	
Belgaum	8,392	38,418	10,197	46,781	
Dhárwár Irrigation	2,309	8,932	2,183	8,413	
Sátara	13,776	82,540	12,840	71,542	
Bijápur	2	12	49	406	
		-			-
Total	24,479	129,902	25,269	127,142	

The total area and revenue are respectively 7 and 1 per cent. greater than the totals of the previous year; this was due chiefly to a greater demand of water owing to want of timely rainfall. Although the area of the year is 3 per cent. less, the assessed revenue is greater by 2 per cent. than that of the average of the previous ten years. This is due to more demand for water for high-rated crops during the rabi season.

Remarks on Individual Works.

The total expenditure on the Gokák Canal Project was:

Works
Establishment
Tools and Plant

Total Rs. 27,782

Gokák Canal.

Gokák Canal.

23,833

27,782

The permanent weir crest had, as usual, been temporarily raised in the previous year to the height of 1.75 feet, and the supply in the tank lasted until the 28th May. Replenishments were received on the 4th June.

The weir first overflowed on the 21st June. The maximum flood of the year occurred on the 13th July, when the water level rose to 3.54 feet above the permanent weir crest (R. L. 2008.06). This flood is estimated at 70,975 cubic feet per second, which is equal to a run-off of 0.10 inch per hour from the whole catchment basin (1,080 square miles).

The main river undersluices were finally closed on the 21st November, and the storage was first drawn upon on the 9th December 1908.

Special Experiments.

Observations for ascertaining the line of saturation in dams were continued in all the Saturation through irrigation districts of the Southern Division and the results were reported to Government.

Crop experiments.

A sum of Rs. 215 was spent on making crop experiments on the contour land of the Dhupdal Storage Reservoir.

Second Class Tanks.

The expenditure on repairs to second class tanks as compared with the average of the previous ten years was as follows:—

					1908-19	09.	Average of ten ye		
District.			Number of tanks repaired.	Cost	Number of tanks Cost. repaired.		Remarks		
Belgaum Dharwar Irrigation Ratnágiri Bijápur Sátára Kánara		*** *** *** ***			51 150 2	93,998 76 133 2 2 10	36 76 2 2 2 10 10 116	Rs. 21,351 65,771 590 1,445 48 63	

The area under irrigation and the irrigation share of the assessed consolidated revenue of the year under report, compared with the average of the previous ten years are as follows:—

	District.		1110			1908-1909.		Average of ten y	
			1	Area irrigated.	Assessed irrigation revenue.	Area irrigated.	Assessed irrigatio revenue.	Remarks	
	188			Acres.	Rs.	Acres.	Rs.		
Belgaum			100	9,910	33,049	9,910	33,049	ļ	
Dharwar Irrigation		***	100	62,592	1,73,014	5,771	1,69,866		
Ratnágiri	***	***	***	1,137	2,924	1,057	2,726	ļ.	
Bijápur		***		1,439	5,929	1,432	5,496	{	
Sátára	***	***	***	105	660	86	537	{	
Kánara	•••	***	•••	559	2,203	561	2,338		
		· Tota	ı	75,742	2,17,779	68,917	2,14,012	}	

The increase in the area, which has been continuously going on during the past three years is, for the most part, due to there being sufficient water in the tanks during the rains for the rice crop. The assessed revenue has not, however, proportionately increased during the current year owing to large remissions (Rs. 5,465) granted in the Kalghatgi and Kod Talukas in the Dharwar District.

ank at Shedbal.

This work, which was originally opened for Famine Relief during 1906-1907, was in progress during the year under report. A sum of Rs. 23,294 was then spent on it, making the total outlay Rs. 60,527, against the estimated cost of Rs. 65,056 sanctioned in Government Resolution No. W. I.-2425, dated 4th October 1907. The work is still in progress.

rrigation Rest-

The construction was commenced of two additional Rest-houses—one at Konkan, Táluka Hángal, and the other at Lakikop, Táluka Bankápur. The expenditure incurred on these two buildings was Rs. 8,362, which includes that incurred on the construction of two wells in their compounds. A third new well in the compound of the Irrigation Rest-house near Hángal was also sanctioned, and the work is in progress.

Residence for the Executive Engineer, Dharwar Irrigation. The construction of this building has been practically completed, the total expenditure being Rs. 15,431 against the estimated cost, Rs. 15,155.

35.—Protective Irrigation Works.

Twenty rain and river gauges, which were transferred to the Belgaum, Sátára and Kánara Districts, were maintained during the year by the Executive Engineers of those districts. Besides these, rain gauges at Yekambi in the Sirsi Táluka, Shringeri and Adur in the Hángal Táluka, and at Doni in the Gadag Táluka were fixed.

Dharma and Naregal Canals.

The flow in these canals began on the 18th June 1908, and ceased in the month of November. The tanks dependent on this system were filled and many of them overflowed for sometime. The irrigated crops were in good condition and the outturn was a normal one for villages in the upper reaches, and 75% of normal in the lower reaches of the canals. The unirrigated crops were comparatively of inferior quality, and the outturn thereof was much less than that of those grown under the canals and tanks fed by this system.

Expenditure.

Special Repairs	•••	•••	Total	•	3,159
Supervising water distrib Special Repairs		•••	•••	•••	6 7 7
Maintenance and Repairs		•••	***	***	1,840 642
					Ks.

A project for improving the existing Dharma canal has been submitted to Government. Its estimated cost, including direct and indirect charges, is Rs. 84,073. It is hoped that this scheme may be sanctioned early, as part of the canal water is wasted now, and regulation and distribution are most difficult in years of short supply.

Work done by the Superintending Engineer on Special Duty.

The surveys and preparation of estimates, plans, etc., for projects suitable for execution as Famine Works were continued during the year.

The work of investigation of the Protective Irrigation Works in Khandesh and the Mutha Right Bank Canal Trial Line was also added to the Division, and latterly, the work of the final detailed surveys for the Nira Right Bank Canal.

In the middle of the year, the Division was split in two Executive charges, one for preparing a programme of plans and estimates for Famine Works in Gujarát and the other for completing the work in the Deccan and the two Khandesh Districts.

The Famine Surveys for the two districts of Khandesh were completed and plans and Famine Surveys. estimates amounting to Rs. 19 lákhs were worked out and also plans and estimates amounting to Rs. 299 lakhs for the remaining already completed districts of the Deccan were drawn and submitted to Government for sanction.

Under orders of Government, a programme for Famine Works was also undertaken in the Akalkot State and projects amounting to Rs. 7 lakhs were worked out and submitted to Government for sanction.

Preliminary investigations in the Tapti, Girna and Panjra Valleys were carried out to Protective Irrigation ascertain what would be the possible command obtainable and to indicate on broad general lines what appears to be the best method of utilizing the possible storages of the various rivers.

Sites were selected for storage works at Hatnur and Susti and on further investigation Tapti Valley. the site at Hatnur, 10 miles east of Bhusával and 5 miles below the junction of the Tapti and Purna Rivers, appeared to be more favourable and it was selected for the project. Contours were run and it was found that the tank would impound 24,579 million cubic feet of water.

A canal contour 50 miles in length was surveyed on the Right Bank of the river and was found to command 74,368 acres and a further length of 37 miles to the Arunavati River would probably yield a total command of 193,568 acres.

Storage sites at Saigaon and Panjan were selected and fully investigated. The Panjan site Girna Valley. appeared more favourable and it was adopted for the project. The volume of water stored would be 23,826 million cubic feet.

Canal contours aggregating to about 961 miles were run on the left bank which show that practically all the land between the Girna and Pánjra Rivers east of the Dhulia-Chálisgaon Road would be under command with the exception of the ridge lines. The gross command would amount to 430,800 acres.

The Panjra Valley was very carefully investigated and sites were selected at-

Pánjra Valley.

Ner, possible storage 9,154 million cubic feet, Akalpara do. 8,980 million cubic feet. Datarti do. 8,520 million cubic feet,

below the junction of the Panjra and Kan Rivers and at Senpur (possible storage 5,650 million cubic feet) above the junction, but none of them were found to be satisfactory, so a site near Pankhed on the upper reaches of the river for a small storage tank to provide perennial water for the Panjra Bandhara was selected. Contours were run and the capacity of the tank was found to be 1,500 million cubic feet. Further investigation of this valley was stopped under orders of Government.

A trial line was run 145 miles in length starting from the aqueduct in the Mutha Canal Mutha Right Bank at the Empress Gardens, Poona. The canal commands nearly the whole of the Bhima Valley amounting to 339,092 acres of land. The storage for the canal would be obtained by raising the existing dam of Lake Fife at Khadakwasla so as to increase its capacity to 22,000 million cubic feet. Rough estimates and plans were also prepared and submitted to Government.

. Detailed surveys and estimates have been made for the first 20 miles of the canal and sub- Kira Right Bank ted to Government. mitted to Government.

Gokak Canal.

Detailed survey and estimates for the first 30 miles and four alternative estimates for the Mantur ridge crossing were completed during the year and the estimates were submitted to Government.

Rain and River Gauges.

The maintenance of the Rain and River Gauges have been transferred to the respective Executive Engineers. The statements of the discharges of the rivers were submitted to this office and the results tabulated.

Well Observation.

The well observation along the proposed canal alignments have been stopped under orders of Government.

This was the third year of the Special Duty Famine Surveys and the expenditure under various heads was:—

	Works.	Establishment.	Tools and Plant.	Total.
Protective Works	Rs. 11,316	Rs. 63,651	Rs. 1,190	Rs. 76,157
Famine Programme	78	4,353	•••	4,431
Pathri Tank Left Bank Canal Construction.	8,803	1,569	*****	10,372
Contribution Work. Akalkot Famine Surveys	4,190	1,065	49	5,304
Grand Total	24,387	70,638	1,239	96,264

SIND.

Character of the

In spite of a poor supply during the month of June, the inundation of 1908 was satisfactory. The "fair irrigating level" 13' at Bukkur was reached on the 19th July and was maintained till the middle of September or for 59 days in all, compared with 11 days in 1907, and an average of 39 days during the last 10 years. Kotri gauge showed even a better result, 17 feet being reached on the 10th July and maintained till the 26th September, no less than 79 days, against 20 days in 1907 and an average of 43 days during 10 years past.

Although the maximum readings on Bukkur gauge was no more than 16'l feet on the 12th August, the floods were very heavy and tested the protective embankments very thoroughly; in many places this year's gauge readings were higher than any previous ones. At Kotri, the reading was 22'9 which was 0'3' feet higher than the previous record.

The rainfall was very irregular over the whole of Sind. In many places it was considerable and of much benefit to the crops, while, in others, it was excessive and caused damages.

INDUS RIGHT BANK DIVISION.

Mahiwab,

This canal worked satisfactorily throughout the inundation. The works provided for in the estimate have been completed, and a revised estimate for improving the distribution, and giving greater facilities for communication, has been submitted to the Government of India, Thirty-two masonry karia head sluices were under construction.

Desert Canal.

Owing to the high inundation, the supply both for kharif and rabi was very good. Practically all the branches have now been provided with masonry karia heads of the Chenab pattern, and these are reported to have worked very satisfactorily, with the result that the distribution has been greatly improved.

The large amount of rubbish entering the canal continued to cause trouble until the end of July, but erosion then ceased and a dhund or subsidiary channel has been formed which promises to give a satisfactory supply for the future. Owing to the difficulty and danger involved in removing rubbish with the present system of vertical needles, it has been decided to substitute horizontal baulks.

Unhárwah.

The supply was an excellent one as usual on this canal. Erosion was active near the head and endangered the head regulator and the Inspection Bungalow at Draha. There is, however, another regulator at the 2nd mile which will come into use if, as is probable, the existing head regulator is carried away during the inundation of 1909.

Two new distributaries—the Karirowah at mile 8/2 and the Hazarowah at mile 13—were under construction.

At the head of the Karirowah, a Kennedy's Gate Module has been built and its value will be tested during the inundation of 1909.

Beg iri Canal.

The supply both for kharif and bosi (artificial flood) rabi was very good. The accumulation of rubbish at the head regulator gave much trouble, but the new head regulator at the 6th mile, estimated to cost Rs. 1,72,029, which was nearly completed during the year under review, and which is provided with horizontal banks, will, in future, enable this rubbish to be removed without difficulty.

The work of regulating the sizes of the numerous karia heads between the 38th mile and the tail was continued, and will be completed before the inundation of 1909. One square foot of opening has been allowed for each 250 acres of holding, and it is hoped that the supply at the tail, which has always been deficient, will be considerably improved.

A cut was made from mile 6 to 7 where there was a big bend in the canal.

A double storey bungalow with Subordinate's Landhi, well and outhouses have been completed at Choi; the bungalow has spacious accommodation for 3 officers and should be a very useful residence not only for all officers in this district, but also for District Officers in the Sukkur Collectorate.

The close contour survey for the Choi Branch area has been completed and a revised estimate for the Choi Branch Project prepared. The Main branch with all Regulators is complete and three distributaries have been excavated; the remaining ten distributaries will be excavated during the next working season.

The old head was kept closed throughout the season as the Rahuja head gives a better Sukkur Canal. supply. By constructing a bund across the old head near the junction, the necessity for clearing it, which usually costs about Rs. 8,000, was avoided. There is always deficiency at the tail of this canal, otherwise it worked very well.

Seven distributaries were under construction; they run parallel to the canal and supply a number of water-courses, which previously took off from the main canal and wasted much water.

Thanks to the high inundation, the supply was very good. The Ghár is now supplied Ghár Canal. from a dhund about 16 miles long and the level is considerably below that of the river. The Fordwah Mouth worked excellently. Owing to the poor supply at the commencement of the season, a considerable area of jowari was sown where rice is usually grown, greatly to the benefit of the lands lower down the canals. The dhund supplying the Ghar has a very tortuous course and will probably silt up. An estimate amounting to Rs. 9,766 was therefore sanctioned for enlarging and deepening a short cut from the river. This will be completed before the inundation of 1909. The new regulator at the 9th mile of the Nasrat was completed.

The canal and its branches had an abundant supply throughout the season. No important Western Nára. new works were carried out during the year.

In the Shikarpur Canals District, the new head regulators for the Garang and Chiti Canals Works for which only were completed and the banks of these canals and of the Rajibwah were raised and strengthened. Revenue Accounts

In the Karachi Canals District, the inundation was the highest on record, and the rainfall in July and August was abnormally heavy and 24½ inches fell at Ladiun in the Shahbardar Táluka in July. Most of the low-lying lands were flooded either by rainwater or from breaches in the river bunds. During the floods most of the roads were submerged and communications had to be maintained by means of boats, even between towns situated at a considerable distance from the river. In the Sonda and Kudai Tuppas of the Tatta Taluka, about 60 lives were lost owing to floods from the hills. Bajri was largely sown on the higher lands and produced good crops. On the Sattah Canal, the damage done to the crops, however, was less than might have been expected. Full supply was maintained for 78 days as against 22 for the low inundation of the previous year. In order to relieve the pressure against the Munarki loop bund, cuts were made in the old front bund. The flood water from these cuts crossed the Satta head and caused a heavy silt deposit. The loop will be raised and strengthened so as to admit of the cuts being Many breaches occurred on the Pinyari and branches most of which, however, were closed. The Baghar, which has no head regulator, breached freely; comparatively little damage was done to the crops on "Other canals" Mirpur Batoro and Sujawal and the Ka'ri.

The damage done to the canal banks especially those of the Baghar and Pinyari was considerable but has been made good. Funds were not available for strengthening these banks to the extent considered necessary. A new head has been made for the Khanto Canal.

The big Ghauspur loop of the Kashmor Bund, estimated to cost Rs. 3,23,486, was nearly Bunds North of completed during the year under review, and its continuation to the south of the Begári, the Sukkur. Choi loop of the Sukkur-Begári Bund, 63 miles long and estimated to cost Rs. 2,76,391, was commenced. Owing to rapid erosion in that neighbourhood two loop bunds, estimated to cost Rs. 49,421, had to be constructed between the 28th and 33rd mile of the Sukkur-Begari Bund, about half the work was completed before the end of the year. In connection with these bunds, the left bank of the Begári Canal above the new Choi Head Regulator was raised and strengthened, and new loops from miles 4/3 to 6, 5/4 to 12/4 and 19/5 to 23/2 of the bund were in progress.

The total works expenditure of the year on the bunds north of Sukkur amounted to Rs. 4,02,379.

These bunds were severely tested by the high inundation of 1908 but no breach occurred.

As already stated, the inundation in the Karáchi Canals District was the highest on Other Bunds. record and the rainfall unprecedented. The average rainfall for the previous 10 years was 5.56 inches but during the year under review it amounted to 17.89 inches, nearly the whole

of which occurred in July. The embankments in this district are not strong enough and in several cases the flood water nearly overtopped the bunds.

Six breaches occurred, of which three were due to the failure of masonry karia sluices. One was closed but it was found impracticable to close the others.

Much of the land flooded from the breaches had already been submerged by the excessive rainfall. It is believed that a considerable area has been sown on the flooded lands. The sum of Rs. 1,14,559 was spent on the river embankments in the Karáchi District. The new Munarki loop, miles 50/2 to 51/2 of the Mulchand-Shahbunder bund, estimated to cost Rs. 70,644, was in progress.

Surveys.

The survey work for the Right Bank Canal Project was practically completed by the end of April 1908, and since then the preparation of the detailed plans and estimates has been in progress.

The close contour survey for the Choi Branch of the Begari Canal was completed and good progress was made with the surveys for the proposed Khelat Canal and Begári Remodelling, also with the survey for remodelling the Baghar Canal in the Karáchi District.

There is nothing of importance to be recorded under this head.

Plantations.

INDUS LEFT BANK DIVISION.

The canals on the left bank fall naturally into two groups (a) The Eastern Nára System and (b) those taking off from the Indus direct.

Under (a) come the Nára River, the Jámráo, Mithráo, Heran, Khipro, Thar and Hiral Canals, of which the Khipro and Heran alone are inundation canals, the rest being perennial.

Under (b) come the Dad, Nasrat, Fuleli, Hasanali and a large number of smaller canals, all being really inundation canals though the Fuleli receives a certain amount of rabi water.

The Eastern Nára System.

The supply in the whole system was far from satisfactory. In the earlier part of the season the low river level gave an insufficient supply. As soon as the river rose great floods from Ghotki or Sarhad entered the Nára, extending as high up as 9th and 10th mile of the Supply Channel, and ponding back the supply from the mouth, caused a heavy deposit of silt. When the floods ceased the river fell very rapidly, and there was no time for this silt to scour. Consequently the autumn supply was inadequate for the kharif crops and quite insufficient for rabi crops. The supply failed and it was decided to close the Nára Supply Channel, and clear it to some extent. Accordingly, the channel was closed in the middle of November and Rs. 1,16,963 expended in excavating a channel 40 feet wide and about 4 feet deep. The Nára was opened again on the 29th December; but, owing to the extraordinarily low regime obtaining in the river, the supply given by the new cut was too small to be of any appreciable use.

The only maintenance work worth noting in connection with the Nára is the raising and strengthening of the Rata Bund, on which Rs. 35,365 were spent. This work was amply justified in the flood season and helped greatly in controlling the floods. These floods reached a height of 27 feet on the 12th mile gauge of the Nára Supply Channel on the 18th August and, if not actually the highest known, were of longer duration than has been experienced for many years.

Owing to the skilful way in which the floods were dealt with, which has already been brought to the notice of Government, the damage resulting was very small; only some 11,800 acres of kharif were flooded, and the whole loss to Government, including remission of land revenue and repairs to banks, is under Rs. 40,000. The cultivation direct from the channel of the Nára shows a very large increase, 90,360 acres against 53,370, average of 10 years, entirely due to the great area of rabi grown after subsidence of the abnormally heavy floods.

The Jámráo Canal.

A most noticeable feature of the year on the Jámráo is the increase in the area of cultivation (234,910 acres, against a nine-year average of 226,785 acres), due to a large increase of kharif cultivation on account of the failure of the previous rabi, and to advantage being taken of the heavy rainfall. The figures are rather misleading, however, as though the area of kharif was very large, the crop produced was very poor on account of damage done by rainfall both directly and indirectly by the rain necessitating the closure of the canal for long periods adversely affecting the better drained lands.

The rabi area was very small, to the serious inconvenience of the smaller Punjabi colonists, who depend largely on their winter crops. The bad rabi supply is also most unfortunate, as the Sindhi land owners had begun, three years ago, to appreciate the advantages of winter cultivation and a good rabi supply during these last three years would have meant a very large extension of the area under wheat.

No new colonists were brought from the Punjáb, but 606 acres were given to relations of

In extension of holdings		•••	•••	•••	2,089 acres.	existing colonists,
To zemindars, specially a Land granted in exchange			railway purp	oses .	3,700 " 133 "	while 6,106 acres
Land sold in auction To local zemindars	•••	•••	***	•••	71 ,, 113 ,,	were given out as
: 			Tota		6,106 acres.	shown in the mar-
						gin.

The banks of the Dalor and Patoi and Berani minors were raised during the year; materials were collected for the raising of the 46th mile Regulator; and the Purandhoro drainage channel was cleared and bridged in 6 places. These works cost Rs. 70,554 chargeable to the capital account of the canal.

The Head Works stood the heavy floods admirably and suffered no damage. The groynes in the first seven miles continue to act successfully and the channel has maintained its proper section, while the large scour hole below the 46th mile Regulator has remained in the same condition, having neither diminished nor increased in size. The pitching put in last year below the 65th mile has been quite successful and no further scour need be feared.

The abnormally heavy rain caused much damage to the banks, the repair of which was rendered difficult owing to the scarcity of labour. The total cost of maintenance for the year was Rs. 2,08,722.

The Mithrao Canal.

The only point of interest in the maintenance of this canal is the erection of groynes for some distance below the head, in place of the usual silt clearance. These groynes have worked excellently and the canal has scoured almost to its normal bed. In spite of this, there is a rise in the cost of maintenance to Rs. 44,175, against Rs. 23,000 the year before last. No reason is assigned for the increase, but it is presumably due to increase of silt deposit and consequent clearance. The cultivation was only 109,800 acres, against an average of 150,048 for ten previous years. The poor supply of water as prevailing in the Nára fully accounts for this, in spite of efforts to make the best of the available water by rotations.

The Hiral Canal.

The Hiral Canal was partially opened on the 1st June, the remainder, from the 8th mile down, being opened on the 10th June, having been delayed on account of silt clearance work. This canal was first opened in 1903-1904, and was expected to give 14,942 acres of cultivation. The actual figures reached, however, are:—

1 90 3- 190 4		•••		23,667	acres.
1904-1905	•••	•••	•••	31,438	,,
1905-1 <mark>996</mark>		•••	•••	36,156	,,
19 06-1907	•••		•••	22,758	"
1907-1908	•••		•••	13,594	,,
1908-1909	•••	•••	•••	16,500	,,

Owing to silt clearance referred to above, the first that has been done in this canal, the cost of maintenance rose from Rs. 5,008 to Rs. 16,216.

An area of 313 acres was given out during the year, all in extension of existing holdings.

The remaining canals in the Nara system call for no remarks. They suffered from the poor supply in the parent stream, the Heran perhaps most, but there was nothing noticeable about their work or maintenance.

CANALS TAKING OFF DIRECTLY FROM THE INDUS.

Dád Canal.

The Dad Canal received a satisfactory supply during the whole season in spite of a change in the mouth of the feeder dhund which caused some apprehension. The area under cultivation is increasing steadily.

The construction of a Regulator at mile 68 of the Mirwah, the building of sundry water-course heads and a small amount of earth work at a total cost of Rs. 17,748 were the only works chargeable to the capital account executed during the year. Up to the end of the year, Rs. 1,23,798 have been spent on water-courses on behalf of the zemindars, while during the year Rs. 6,400 have been recovered, making the total recoveries to the end of the year Rs. 90,226.

To Sindhi zemindars specially recor	mmended			3.520	actes.	5,865 acres were
In extension of existing holdings In satisfaction of Barani claims	•••	•••	***	2,330 15	32	given out during the
		Tot	al	5,865	acres.	year distributed, as
						shown in the margin.

Nasrat Canal.

In spite of a bad supply at the commencement of the season, the Nasrat worked very satisfactorily, there being an increase of nearly 16,000 acres in the area cultivated. There is still a certain amount of erosion at the mouth of the feeder dhund, but it is not doing any harm.

A capital expenditure of Rs. 29,380 was incurred in land compensation, a Regulator at mile 10 of the Chakarwah and water-course heads, while on the construction of water-courses, the expenditure to the end of the year was Rs. 2,76,195, of which Rs. 2,00,538 has been recovered, Rs. 29,636 being this year's contribution.

It is stated that all the land on this canal has now been taken up, 5,576 acres having given be**e**n 2,674 acres. To Sindhi zemindars, specially recommended • • • during the 2,887 year In extension of existing holdings ,, 15 distributed 88 In satisfaction of Barani claims ,, shownthe in 5,576 acres. Total ... marginal note.

On this canal also higher rates of assessment were brought into force, and the financial prospects of the canal are excellent.

Fuleli Canal.

On this great and important canal the area of cultivation is said to be about 420,000 acres against a ten-year average of 376,341 acres.

A few small works under extension and improvements were carried out and the usual maintenance work was done. During the year the "Joneswah," a small canal taking off from the river, and hitherto accounted for as part of the Fuleli was classed as an "Indus Canal" and is no longer included in the Fuleli System.

Hasanali Canal.

The working of this small canal was satisfactory. During the year a second head Regulator and eleven sluices at the heads of distributaries were constructed at a cost of Rs 24,815 chargeable to the capital cost of the canal. The smaller canals in the Fuleli Canals District all worked satisfactorily.

Works for which only Revenue Accounts are kept. The canals in the Central Hyderabad Canals District all worked well and there is little of interest to note concerning them. The new cut to feed the Naulakhi which was completed during the year at a total cost of Rs. 46,780, to restore the original source of supply, worked most satisfactorily; indeed, the supply was so good that the banks had to be cut to allow the surplus water to escape back into the river. Much of the lift land on this canal received a flow supply and the area cultivated is reported to be large. The Mehrab, which has not been doing well of late years, received an excellent supply, but its mouth is reported to be far from satisfactory, the good supply being due solely to the high inundation, and not to the good working of the canal mouth.

Surveys.

The preparation of plans and estimates for the Rohri Hyderabad Canal Project, the Improvements in the Nára System, and the diversion of floods from the Nára Supply Channel, was pushed on actively during the year—the first at a cost of Rs. 17,545 and the two latter at a cost of Rs. 14,428.

Protective ombankments.

Opposite the Naulakhi Bhorti Bund in the Northern Hyderabad Canals District, there was again slight erosion in places, while in the first two miles the river receded and left a dhand. The bund was in no way injured by wave wash and is in good order. The small loop bund along the Renwah in the Central Hyderabad Canals District completed at a cost of Rs. 6,983, of which Rs. 5,772 was spent during the year, stood equally well, and gave no trouble at all. The same cannot be said of the bunds in the Fuleli Canals District, all of which were more or less damaged by the high floods and severe wave wash, notably the Jamshora, Gidu Bunder, Sang Mian and Budka Takar Bunds.

The Katiar loop commenced last year was completed, Regulators being built over all the five canals crossed. The extension of the new Jamshora Bund was begun, as was a new loop behind the Gidu Bunder bund at or near mile 1. The Budka Takar bund being of inadequate section and perilously near the river in places, it was decided to construct a loop bund behind it. This work was also begun during the year and is now in progress.

Plantations.

Existing plantations on canals and bunds have been maintained and extended. Much remains to be done however in this respect. The wave screen in front of the Naulakhi-Bhorti Bund has grown satisfactorily and babul trees have been grown in a length of about a mile, while the plantation of other trees at the back has done well. Tree planting was actively carried on on the Jamrao, but the failure of the rabi supply was fatal to many young trees.

INDUS RIVER COMMISSION.

The works carried out during the year were charged to "43—Irrigation Minor Works and Navigation—Agricultural Works, Works for which neither Capital nor Revenue Accounts are kept."

Works.

All surveys carried out under the supervision of the Superintending Engineer, Indus River Commission, are class d under the head mentioned above. During the year, the usual topographical surveys were made aggregating nearly 445 miles in length,

The work done was good. It consisted of a survey of 74 miles of the river in the north, from Kashmor to Sukkur, the whole distance along the river being 103 miles. Below Sukkur the survey of the river extended from the head of the Boghar Dhund (15 miles below Sukkur) to Puranodero, a continuous length along the river of about 130 miles, and in addition to this surveys were made of dhunds, bunds and channels covering 90 miles.

In the south the survey was carried from the bifurcation along the Uchito branch as far as Keti Bunder, about 50 miles. This town is threatened by erosion; the progress of this erosion is being carefully recorded. It is probable that the town will have to be moved to a new site next year.

Fresh cross-sections of the Indus have been taken at intervals of a furlong for 3 miles above and 3 miles below the Kotri bridge, to observe the variation in the bed level. The previous cross-sections were taken in 1899, 1900, 1901 and 1905.

Cross-sections were also taken at the bifurcation for about two miles upstream and one mile downstream on each of the branches; the condition of the Uchito branch has a direct influence on the river and sea traffic at Keti Bunder.

No establishment was available for the survey of the Gudu and Khariri Dhunds in the extreme north. The supply does not seem to have been deficient in the channels.

The usual inspection of the Khairpur Boundary pillars was made. Rail Nos. 6, 7, 31 and Khairpur Boundary 32 on the Left Bank were found in danger of loss by erosion. They were therefore removed and placed further inland. The necessary corrections have been made in plans.

A large number of borings were made to ascertain the level of the rock in the river bed The borings for the Sukkur Barrage. at the site selected for the Sukkur Barrage.

The gauges at the Haideri and Uchito Mouths are being read daily at high and low tides. The River gauges. The other river gauges are:—

- (a) Opposite the Desert Canal Mouth.
- (e) At Bagatoro near Sehwan.
- (b) Opposite the Unharwah Mouth.
- (f) At Kotri.
- (c) Opposite the Rajibwah Mouth.
- (q) At Jherruck.

(d) At Bukkur.

The northern gauges have yielded information very useful for deciding the probable maximum flood level in the river and the proper level for the protective bunds.

The hydrographs for each of the gauge stations will be published in the Indus River records.

No work was done in this connection during the year for want of establishment.

The Delta Section Lines.

The discharges were observed at Sukkur and Kotri all the year round and at Dera Ghazi Discharges of the Khan during the cold season only.

The maximum discharge measured at Sukkur during the year was 821,511 eusees on the 2nd of September 1908, the mean velocity being 9.68 feet per second and the Bukkur Gauge reading being 14.5 feet. But the highest reading on Bukkur Gauge was 16.1 on the 13th of August 1908 and the estimated discharge on that day was about 494,613 cusecs, the low discharge being due to the sluggish flow.

The minimum discharge measured this year at Sukkur was 25,712 cusecs on 1st of April 1908, the mean velocity being 1.62 ft. per second and the Bukkur Gauge reading being -2.0 feet. But the lowest reading on Bukkur Gauge was -2.40 feet on the 25th of February 1909, and the estimated discharge on that day was 37,410 cusecs.

The comparison of the discharges of the Indus at Sukkur during the Abkalani months-June to September—for the years 1904-1905 to 1908-1909 is given below:-

Month.	Month.			1905-1906.	1908-1907.	1907-1908.	1908-1909.
			C. ft.	C. ft.	C. ft.	C. ft.	C. ft.
June July August September	•••		8,466,000 10,736,000 13,711,000 5,045,000	11,845,000 13,227,000 10,567,000 8,243,000	7,497,000 12,522,000 16,263,000 12,431,000	7,051,000 7,193,000 12,060,000 5,149,000	7,693,000 13,094,000 15,567,000 15,383,000
	Total*		37,958,000	43,882,000	48,713,000	31,453,000	51,737,000
Average discharge	•••		311,131	359,689	399,287	257,811	424,074
Maximum do. meas	ured		542,739	530,842	616,580	425,289	821,511
Minimum do. do) _e		96,178	166,551	212,613	139,013	158,135
Minimum discharge the year measured	nronghout 	the	27,751	22,539	32,951	26,462	25,712

^{*} Note.—These figures represent the sum of daily discharges in cusecs of the river, and to arrive at the total quantity of water passing Sukkur in the 4 months the total must be multiplied by 86,400 or the number of seconds in a day.

Scientific Work (General).

The work of measuring the silt in suspension, or observing the travel of sand along the bed of the river and of preparing velocity curves at various depths and other observations was continued and the result will be published in the records of the Indus River Commission for 1908-1909.

Extensions, Improvements and Special repairs. The estimated cost of the works sanctioned during 1908-1909 by the Indus River Commission in each district under these classifications is given below:—

Indus Right Bank Division.

District.			,	Ext Imj	ensions and provements.	Special Repairs.	
					Rs.	Rs.	
Begari Canals	***	•••	•••	***	21,608	3,53,219	
Shikarpur Canals	•••	•••	•••	•••	21,000		
Ghár Canals	***	•••	•••	•••	8,529	1,842	
Western Nára	***	***	•••	•••	20,945	1,07,577	
Karáchi Canals	***	***	•••	•••	20,750	1,01,011	
			To	otal	51,082	4,62,638	
	Ind	us Left Be	ınk Divisi	on.		,	
Northern Hyderaba	d Canals	•••	•••	•••	•••	***	
Central Hyderabad	Canals	4 0 4	•••	***	***	0 70 000	
Fuleli Canals	•••	***	•••	•••	1,76,896	2,79,966	

Total ... 1,76,896 2,79,966

Indus River Commission.

Works under the direct control of the Indus River Commission ... 34,795 ...

Total ... 34,795 ...

Maintenance and Repairs. The total expenditure under this head on the several works under the direct control of the Indus River Commission was Rs. 13,296, of which Rs. 2,223 were spent on the river gauge establishment at Sukkur, Kotri, Jherruck, Khairabad (Punjab) and the Delta.

Snags and other obstructions to navigation on the main channel of the river were removed. During the year under report there were very few snags or obstructions in the navigable channel of the Uchito which is deep enough for loaded country boats.

The expenditure incurred on snagging operations has been debited to the Public Works
Department.

The following is the summary of the expenditure of the year :-

						L.s.
Works	***	***	***	•••	***	34,795
Repairs		***	***	•••	***	12,957
Establishment	•••	***	***	100	***	82,282
Tools and Plant	•••	***	904	•••	• • • •	10,098

General.

The record of levels and discharges at Bukkur is very striking. The maximum discharge took place when the Bukkur Gauge was 14.6 feet only, and this flood gave a record reading of 22.9 feet at Kotri. The scour at Bukkur was the greatest on record.

The following figures are instructive:-

Gul	ŀ	Year.	ya	ıt	Bnkkur gauge, feet.	Area of river section, square feet.	Mean depth of water, feet.	Mean velocity, feet per second.	Discharge, cusecs.
1906	•••			•••	16.7	76,492	21.72	6.94	530,842
1906	***	***	***	•••	16.4	73,100	20.77	8.43	616,580
1908	•••	•••	•••	5	16.1	78,95 3	23 03	6'26	494,613
2,000				{	14.6	84,897	24.98	9.68	821,511

The high discharges for low readings on the Bukkur Gauge have been maintained since then, and the lowest reading -2.40 feet gave a discharge of 37,410 cusecs which, in 1905, would have required a gauge reading of +2.8 feet.

The difference between the Bukkur and Kotri reading is increasing every year, so that the figures in the expression "fair irrigating level of 13 feet at Bukkur and 17 feet at Kotri" do not correspond any longer.

Thirteen feet at Bukkur gave 18.7 and 22.4 feet at Kotri in 1908, 18 feet in 1907, 18.7 feet in 1906 and 17.5 feet in 1905.

This level, viz., 13 feet on Bukkur Gauge, occurred for 59 days for 1908, while it was 11 days in 1907, 84 days in 1906, and 86 days in 1905.

The subsequent lowest reading of the river was -2.4 feet on Bukkur Gauge against -2.0 in 1907, -0.6 in 1906, and +0.5 in 1905.

The most pronounced erosion, affecting bunds, took place north of Sukkur, on the Right Erosion. Bank, near the 30th mile, 11th, and 6th miles of the Sukkur-Begari Bund, and subsequently also in the 2nd mile of the Kasimpur Bund on the Left Bank. The latter erosion was very rapid and threatened the Railway.

In spite of the very great flood of 821,000 cusecs there were no breaches above Kotri Breaches and Sukkur and the important embankments there were maintained intact, but south of Kotri the flood levels exceeded previous records and several breaches took place. These were principally in the Mulchand-Shahbunder Bunds on the Left Bank, but there was a serious breach also on the Right Bank in the Baghar-Uchito Bund.

The principal loops under construction are: -

Loops under construction.

- (a) long Ghauspur loop for Kashmor bund;
- (b) long Choi loop, and two small loops near 30 mile on Sukkur-Begari Bund;
- (c) long Abad loop near 22 mile on Sukkur-Begari Bund;
- (d) the Sang Budka loop opposite Jherruck;
- (e) the Munarki loop also on the left bank.

This dredger did very useful work at the mouth of the Eastern Nára Supply Channel Dredger "Mud from December 1908 till March 1909 by clearing away silt at the mouth. This silt was being lark." washed down in large quantities from the Kasimpur erosion.

Note by the Chief Engineer, Irrigation, on the floods of 1998.

Exceptional and very heavy rain fell in July in Lower Sind and flooded the country and early in August a great flood came down the Indus, the level at Kotri being higher than any previously recorded. The river embankments on both sides of the Indus in the Lower Delta were inadequate for the control of this flood and breaches occurred both through the collapse of weak sluices and from the actual overtopping of the embankments by the flood water. In several places the overflowing of the waters was only prevented by means of earth hurriedly added to the top of the bank.

As the country had already been flooded by the exceptional rain the damage caused by the flood was much less than would have otherwise been the case.

The river banks below Kotri were thus again proved insufficient and inadequate.

North of Sukkur, however, in spite of this great flood which, if not the largest on record, was certainly one of the greatest known in intensity the river embankments were successfully maintained.

Gul Hayat Institute

Irrigation Revenue.

The revenue credited to this head falls under two categories—(1) the direct receipts of the Irrigation Department and (2) the irrigation share of the land revenue assessed with reference to the supply of water from canals, tanks, dams and other sources created or maintained by the Public Works Department. The works are also divided into three classes:—the first includes entirely new works and works restored or extensively improved for which capital and revenue accounts are kept; the second includes old works which are maintained by the Department and for which only revenue accounts are kept; and the third includes agricultural works for which neither capital nor revenue accounts are kept. The direct receipts on account of works for which capital and revenue accounts are kept were as follows:—

Half Imperial and Half Provincial.

, <u>-</u>		•			
(1) Productive Public Works-					Rs.
(a) Sind		•••	•••	•••	1,65,632
(b) Deccan and Gujarát	•••		•••	•••	4,99,276
(2) Protective Public Works— (a) Deccan and Gujarát	•••	•••	•••	•••	3,19,810
(3) Minor Irrigation Works— (a) Sind		•••	•		64,725
(b) Decean and Gujarát	•••	***	***	•••	2,37,621
			To	tal	12,87,064

The corresponding receipts for 1907-1908 were Rs. 13,75,536. The irrigation share of land revenue on account of works for which capital and revenue accounts are kept was as follows:—

Half Imperial and Half Provincial.

(1) Productive Public Works	_				Rs.
(a) Sind		***	***	•••	26,66,105
(b) Deccan and Gujará				***	4,031
(2) Minor Irrigation Works-					lane
(a) Sind	***	***	***	***	15,26,668
(b) Deccan and Gujará	t	•••	•••	***	8,026
11/1/4			m. 4-1		49.04.000
1 144		74.	Total	•••	42 ,04,83 0

The following table shows the financial position at the close of the year of irrigation works of all classes for which capital and revenue accounts are kept:—

-			Capital outlay in the year.	Capital outlay up to the end of the year.	Working expenses during the year.	Not revenue during the year, direct and indirect.
Productive Works Protective Works Minor Works and Naviga	 ation	•••	Rs. 4,33,022 15,53,569 84,827	Rs. 3,81,27,727 1,33,96,318 1,39,72,434	Rs. 12,93,349 1,09,642 4,70,799	Rs. 20,41,695 2,10,168 13,66,241
	Total	••-	20,71,418	6,54,96,479	18,73,790	36,18,104

The revenue and expenditure on account of works for which only revenue accounts are kept were as follows:

U		18	yat		Works in Sind.	Works in the Decean and Gujacat.	Total.
Gross Revenue	{ Direct Indirect	•••	•••	•••	R ₈ . 72,852 2 5,61, 653	Rs. 11,560 4,84,315	Rs. 84,412 30,45,968
			Total		26,34,505	4,95,875	31,30,380
Working Expenses	•••	•••	•••	•••	8,95,933	5,01,327	13,97,260
			Net Revenue	•••	17,38,572	-5,452	17,33,120

The revenue and expenditure in respect of works for which neither capital nor revenue accounts are kept were as follows:—

					Works in Sind.	Works in the Deccan and Gujarát.	Total.
Gress Revenue	{ Direct Indirect	 	•••		R ₈ . 11,356 9,72,911	Rs. 6,686	Rs. 18,042 9,72,911
			Total		9,84,267	6,686	9,90.953
Working Expenses	•••	***	•••		13,84,610	1,66,911	15,51,451
			Net Revenue	•••	-4.00,373	-1,60,225	-5,60,598

ADMINISTRATIVE ACCOUNTS, PUBLIC WORKS DEPARTMENT

(IRRIGATION),

BOMBAY PRESIDENCY,

FOR THE YEAR

1908-1909.

Gul Hayat Institute

TABLE OF CONTENTS.

	Name o	of Work.			No. 1 General Abstract of Financial Results.	No. 2 Capital Account.	No. 3 Revenue Account.	No. 4 Interest Account.	No. 5 Account of Indirect Charges.	No. 6 Statement comparing Charges to date with sanctioned estimate.
e e	35.—Protectiv	e Irrigation	Works.		Pages.	Pages.	Pages.	Page.	Page.	Page.
1 2	Nira Canal, includin Mhasvad Tank	ng Shetphal	Tank	•••	4 & 5 4 & 5	8	9 & 10 12 & 13	10 13	11 13	11
8	Gokák Canal—First Chankápur Tank		•••	•••	4 & 5 4 & 5	••• 14	***	15	15	 15
4 5	Máládevi do.	•••	•••	•••	4 & 5	16	•••	17	17	17
6	Godáveri Canal Pravara River Canal	 Project	***	••	4 & 5	18 20	•••	19 21	19 21	19 21
7 8	Budhihal Tank	···	•••		4 & 5	22	•••	23	23	23
	49.— <i>Irre</i>	igation Wor	ks.							
9	Desert Canal	•••	•••	•••	4 & 5	***	24	25	25	•••
10	Unharwah Begári Canal	•••	•••	•••	4 & 5	26 2	27 3 0	28 31	28 31	28 31
11 12	Begári Canal Mahiwah do.		•••		4 & 5	32	33	34	34	34
13	Eastern Nára Work	cs es	•••	***	4 & 5	35	36	37	37	37
14 15	Jámrao Canal Dád do	•••	•••	•••	4 & 5	38 & 39 42	40 43	41	41	41 44
16	Nasrat do.	•••	•••	***	4 & 5	45	46	47	47	47
17	Navlákhi do.	***	***		4 & 5	•••		48	•••	48
18 19	Háthmati do. Lower Pánjhra Rive	er Works	•••	***	4 & 5	•••	49 51	50 52	50 52	•••
20	Kádva River Work			•••	4 & 5	53	54 & 55	55	56	56
21	Pravara River Work			•••	4 & 5	**************************************	57 & 58	58	58	
22 23	Mutha Canals <mark>, inclu</mark> Ekrúk Tank	iding Maton	a Tank	***	4 & 5	59 & 60	61 & 62	62 65	63 65	63
24	Krishna Canal		•••		4 & 5		66	67	67	•••
	43.—Minor W	orks and No	avigation.	W		111111				
25	Sukkur Canal				6 & 7		68 & 69		70	•••
26	Ghár do.			• • •	6 & 7	***	70 & 71		71	•••_
27 28	Suttah Canal Alibhar Kacheri Ca	nal	•••	***	6 & 7	72	72 & 73	***	74 75	74
29	Márak Great do		•••	•••	6 6 7		76	•••	76	•••
80	Sarfrázwah	•••	•••	•••	6 & 7	•••	77		77	•••
31 32	Fuleli Canal Hasanaliwah	•••	•••	•••	1 2 0 ==	80	78 & 79 81	•••	79 82	82
3 3	Khári Cut	•••	•••	•••	000	83	84	•••	85	85
34	Wangroli Tank	r., Romin	•••	•••	6 & 7	86	87		88 91	88
35 36	Tranza—Nagrama I Sávli Tank	18.11K	•••	•••	0 0 17	89 92	90	***	94	91 94
37	Sahiat do.	•••	•••	•••	6 & 7	95	•••		96	96
3 8 3 9	Hartála do. Mhasva do.	•••	•••	•••	007	•••	97 & 98		98	•••
4 0	Jámda Canals	T	•••	•••	00 17	···	100	•••	100	•••
41	Parsul Tank		LOY	7.6	6 & 7	110	101	17.7	101	•••
4 2 4 3	Pravara River Worl Bhátodi Tank		A. W. F.	40	C 0. 17	1	$\frac{102}{103}$	LUL	102 103	•••
44	Kásurdi do.	•••		•••	6 & 7	•••	103	•••	104	•••
45	Shirsuphal do.	•••	•••	•••	6&7	•••	105	•••	105	•••
46 47	Bhádalvádi do. Victoria do.	•••	•••	•••	6 & 7	107	106	•••	106 108	108
48	Koregaon do.	•••	•••	•••	6 & 7		109	•••	10 9	•••
4 9 5 0	Ashti do. Pathri do.	•••	•••	•••	6 & 7	 111	110		110	112
51	Revári Canal	•••	•••	•••	6 & 7 6 & 7	111	112 114	•••	114	113
52	Upper Mán River	Works	•••	•••	6 & 7	•••	115		115	
5 3 54	Yerla River Irrigat Chikhli Canal		•••	•••	0.0	•••	116 118		117	117
5 5	Maini Tank	•••	•••	•••	0.0.5	•••	119	•••	119	•••
56 5 7	Muchkundi do. Gadikeri do.	•••	•••	•••	00-	•••	120		120	•••
58	Gadikeri do. Gokák Canal—First	Section and	Storage Wo	orks	6 & 7 6 & 7	•••	121&122 123	124	122 124	•••
5 9	Dámb al Tank	***	•••	•••	6 & 7	•••	125		125	•••
60 61	Medleri do. Madag do.	***	•••	••		•••	126	•••	126	•••
62	Asundi do.	•••	•••	•••	6 & 7	•••	127 128	•••	127 128	•••
63	Mávinkop do.	•••	•••	•••	6 & 7	•••	129	•••	129	•••
64 65	Gokák Canal—Seco Works for which of			are	6 & 7	•••	•••	***	•••	
_	kept—Sind	•••	•••	•••	6 & 7	•••	130	•••		•••

PUBLIC WORKS

ADMINISTRATIVE ACCOUNTS

No. I.—General Abstract of Financial Results showing the estimated Cost of Construction of Major and the Simple Interest on the

MAJOR

									<u> </u>	MAJOR
	Estimate:	Cost on Co	ESTRUCTION.			CAPITAL	OUTLAY.		·	RECEIPTS
Name of Work.]		D	uring 1908-190	9.	Toe	nd of 1906-190	9.	
	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Water- rates, &c.
1	2	3	4	5	6	7	8	9	10	11
85.—PROTECTIVE IRBIGATION WORKS.	Ra.	Rs.	Rs.	Ra.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
DECCAN AND GUJARAT. Works in Operation. Nira Canal including Shet-										.]
phal Tank Mhasvad Tank Gokák Canal, First Section	60,70,183 20,05,553 4,00,939	8,63,695 90,463 11,727	64,33,878 20,96,016 4,12,666	4,542	107	4,649	60,70,183 20,05,553 4,00,939	3,63,695 90,463 11,727	64,33,878 20,96,016 4,12,666	2,95,182 24,628
Total, Works in Operation	84,76,675	4,65,885	89,42,560	4,542	107	4,649	84,76,675	4,65,885	89,42,560	3, 19,810
Works under Construction. Chankápur Tank Máládevi do Godaveri Canal Pravara River Canal Project. Budhihal Tank	16,99,056 3,04,671 88,34,597 71,54,934 13,98,529	70,540 9,903 7,26,447 4,55,892 56,082	17,69,596 8,14,574 95,61,044 76,10,826 14,54,611	1,71,632 —190 12,29,685 99,310 250	3,762 41,966 2,498 7	1,75,394 —190 12,71,651 1,01,808 257	13,66,671 3,03,880 20,70,551 1,02,291 4,88,915	35,318 9,892 55,463 2,575 18,202	14,01,989 3,13,772 21,26,014 1,04,866 5,07,117	000 000 000 000
Total, Works under Construc-	1,93, 9 1,787	13,18,864	2,07,10,651	15,00,687	48,233	15,48,920	43,32,308	1,21,450	44,53,758	•••
Total, Protective Irrigation Works	2,78,68,46 2	17,84,749	2, 96,53,211	15,05,229	48,340	15,53,569	1,28,08,983	5,87,33 5	1,33,96,318	3,19,810
49.—Irrigation works.				m						
SIND. Works in Operation.				W						
Desert Canal	26,22,235 6,93,637 21,54,480 9,36,837 65,44,255 79,90,906 22,35,809 18,15,897	79,021 21,178 91,120 1,29,503 2,26,788 2,29,874 84,578 46,383	27,01,256 7,14,815 22,45,600 10,66,340 67,71,043 82,20,870 23,20,387 18,62,280	21,095 1,25,742 400 37,686 52,574 15,437 5,910	552 2,807 11 2,941 2,272 748 4,590	21,647 1,28,549 411 40,027 54,846 16,185 10,500	26,22,235 6,80,640 20,54,323 13,21,850 65,21,576 79,33,813 22,68,265 18,10,800	58,912 57,302 2,26,804 2,28,394 85,832	27,01,256 6,99,236 21,13,235 13,79,152 67,48,380 81,62,207 23,44,097 18,65,904	1,925 44,222 2,494 31,654 16,101 2,182
Total, Works in Operation		9,08,445	2,59,02,591	2,58,244	13,921	2,72,165	2,52,03,502	8,09,965	2,60,13,467	1,65,632
Works under Construction.	ALL.	II	1 Y	ctt	111	Dt.		tt		
Naulákhi Canal	12,17,935	44,619	12,62,554		•••	•••	5,112	.33	5,145	•••
Total, Sind	2,62,12,081	9,53,064	2,71,65,145	2,58,244	13,921	2,72,165	2,52,08,614	8,09,999	2,60,18,612	1,65,632
DECCAN AND GUJABAT.										
Works in Operation, Hathmati Canal Lower Panjhra River Works, Kadva River Works Pravara River Works—	9,53,092	26,913 23,239 36,633	5,17,838 4,68,621 9,89,725	•••	••• ••• 4 19	15,993	4,90,925 4,45,382 9,68,666	23,239 37,052	5,17,838 4,68,621 10,05,718	8,881 17,737
Likh Canal Mutha Canals Ekrük Tank Krishna Canal	3,52,446 73,98,359 12,28,117 8,20,237	2,62,930 1,12,269	3,71,891 76,61,289 13,40,386 8,66,627	***	8 15	1,44,864	3,52,446 72,77,825 12,28,117 8,20,237	2,60,209	3,71,891 75,38,034 13,40,386 8,66,622	3,66,300 39,3 75
Total, Deccan and Gujarát	1,16,88,558	5 ,2 7,819	1,22,16,377	1,59,623	1,234	1,60,857	1,15,83,598		1,21,09,11	
Total, 49Irrigation Works	3,79,00,639	14,80,883	3,93,81,522	4,17,867	15,155	4,33,022	3,67,92,212	13,35,515	3,81,27,72	6,64,908
GRAND TOTAL	6,57,69,101	32,65,632	6,90,34,733	19,23,096	63,495	19,86,591	4,96,01,195	19,22,850	5,15,24,04	9,84,718

BOMBAY PRESIDENCY.

DEPARTMENT.

FOR THE YEAR 1908-1909.

Works, the Capital Outlay thereon, the Revenue derived therefrom, the Working Expenses, Direct Capital Outlay on those Works.

WORKS.

DURING 19	08-1909.	Workin	G EXPENS 1908-1909.	es during	(DIFFER	SULT, EXCL ENCE BETW WORKING E	.UDING INTE BBN BEVEN(XPEN6ES).	ERBT JE AND		Net	RESULT, INCL	JDING INTER	BST.
Collected with	m.,	Direct	Indirect		Excess	Excess expend-	Rate p	er cent.	Simple Interest during 1908-1909.	Excess	Ехсеяв	Rate pe	r cent.
Land Revenue.	Total.	Charges.	Charges.	Total.	surplus).	iture (deficit).	Of excess revenue.	Of excess expend- iture.	1	revenue (surplus).	expend- iture (deficit).	Of excess revenue.	Of excess expend- iture.
12	13	14	15	16	17	18	. 19	20	21	22	23	24	25
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			R ₈ .	Rs.	Rs.		
000 000 100	2,95,182 24,628	88 ,25 8 15,180	5,193 1,011	93,451 16,191	2,01,731 8,437		3°14 0°40		2,05,338 67,868 13,568	•••	3,607 59,431 13,568	•••	0°06 2°84 3°29
•••	3,19,810	1,03,438	6,204	1,09,642	2,10,168		2:35	•••	2,86,774	***	76,606	***	0.86
***	*** *** *** ***	***	***	*** *** ***	•••				43,344 10,287 49,261 1,781 16,541	•••	43,314 10,287 49,261 1,781 16,541		3°09 3°28 2°32 1°7(3°20
•••	···			4				1//	1,21,214	•	1,21,214	•••	2.79
···	3,19,810	1,03,438	6,204	1,09,642	2,10,168	***	1.57		4,07,988		1,97,820	•••	1.48
2,85,788 1,88,905 5,84,814 1,32,629 5,89,576 4,72,459 1,78,394 2,33,540	1,90,830 6,29,036 1,35,123 6,21,230 4,88,560 1,80,576	1,43,263 31,653 1,35,430 49,287 2,55,472 3,56,268 55,232 53,279	3,414 512 2,930 —147 7,570 18,314 1,225 1,099	1,46,707 32,165 1,38,360 49,140 2,63,042 3,74,582 56,457 54,378	2,05,836 1,58,665 4,90,676 85,983 3,58,188 1,13,978 1,24,119 1,79,461	•••	7.62 22.69 23.22 6.23 5.31 1.40 5.29 9.62	**** *** *** *** *** ***	88,736 22,676 67,391 44,725 2,67,591 76,159 61,177	1,17,100 1,35,989 4,23,285 41,258 1,38,125 47,960 1,18,284	1,53,613	4·84 19·45 20·03 2·99 2·05 2·05 6·34	1.80
26,66,105	28,31,737	10,79,884	34,947	11,14,831	17,16,906	70	6.60	44.4	8,48,518	8,68,388	ta.	3•34	•••
•••	•••	\vee	LL.	ΤŢ	a	a	LI	111	173	LLL	173		3.3
26,66,105	28,31,737	10,79,884	34,947	11,14,831	17,16,906	•••	6.60		8,48,691	8,68,215		3.34	
3,248 594	17,563 12,129 18,331	11,283 6,390 10,192	464 236 628	11,747 6,626 10,820	5, 816 5,503 7,511	•••	1·12 1·17 0·75	•••	16,613 15,072 32,516	•••	10,797 9,569 2 5,005	•••	2·09 2·04 2·49
147 42 	1,930 3,66,342 39,375 47,637	6,543 1,12,351 11,255 11,176	403 6,525 609 463	6,946 1,18,876 11,864 11,639	2,47,466 27,511 35,998	5,016 	3·28 2·05 4·15	1*35 	11,927 2,43,844 41,559 27,757	3,622 8,241	16,943 14,048	0.05 0.95	4·56
4,081	5,03,307	1,69,190	9,328	1,78,518	3,24,789		2.68		3,89,288		64,499		0.53
26 , 70 ,13 6	33,35,044	12,49,074	44,275	12,93,349	20,41,695		5.32		12,37,979	8,03,716	•••	2.11	•••
6,70,136	36,54,854	13,52,512	50,479	14,02,991	22,51,863	•••	4.37	•••	16,45,967	6,05,896	•••	1.18	

¹t certain percentages fixed by Government, but which are not adjusted in the Finance Accounts.

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PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

No. 1.—General Abstract of Financial Results showing the estimated Cost of Construction of Minor Works and Navigation, the Capital Outlay thereon, the Revenue derived therefrom, and the Working Expenses on those Works.

		IMATED CO				Сарг	TAL OUTLAY	v			EIPTS DUI 1908-1909		Wo	rking Ex	Penses.	NET RESI	ENCE BET	UDING IN WEEN REV EXPENSE	RNUR
Name of Project.				Dur	ing 1908-1	909.	To e	end of 1908-	1909.	Water-	Col-					Excess	Excess	Rate p	er cent.
,	Direct Charges,	Indirect Charges.	Total	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total	rates, &c.	with Land Rev- enue.	Total.	Direct Charges.	Indirect Charges.	Total,	Revenue (surplus).	Expend- iture (deficit).	Of excess Revenue.	Of excess Expend- iture.
1	2	.3	4	5	6	7	8	9	10	n	12	13	14	15	16	17	18	19	20
43.—Minor Works And Navigation.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Re.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Works for which Capital and Revenue Accounts are kept.		-							-1				 						
SIND. Works in Operation.												}			,				1
Snkkur Canal Ghár do. Alibhar Kacheri Canal Márak Great Canal Snrfrázwáh Canal Fulcii Canal Hasanali Canal Suttah Canal	13,64,754 5,41,696 23,207 2,07,436 1,18,559 19,13,446 2,99,201 1,76,907	61,496 30,690 710 8,310 6,121 71,215 13,954 8,370	14,26,250 5,72,386 23,917 2,15,746 1,24,680 19,84,661 3,13,155 1,85,277	 11,417 1,449	295	 11,712 1,443		61,496 30,690 710 8,310 6,121 71,215 13,336 4,454	14,26,250 5,72,386 23,917 2,15,746 1,24,680 19,84,661 2,90 527 1,78,142	4,1°7 12,976 505 3,987 1,585 40,759 746 —20	1,92,328 6,92,905 7,159 96,200 43,013 4,59,424 27,846 7,79	7,05,881 7,664 1,00,187 44,59- 5,00,188 28,592	1,40,440 -3 538 10,270 15,242 57,365 22,863	2,195 3,974 83 241 402 2,304 638 454	68,349 1,44,4143.621 10,511 15,644 89,969 23,501 19,734	1,27,666 5,61,467 11,285 89,676 28,964 4,10,514 5,091	•••	8-95 98-09 47-18 41-57 23-22 20-68 1-75	***
Total, Sind	48,45 ,206	2,00,866	48,46,072	12,866	29 5	13,161	46,19,977	1,96,332	48,16,309	64,725	15,26,668	15,91,39:	3,57,976	10,125	3,68,101	12,23,292		25.40	
DECCAN AND GUJARA'T.				7	P-3-T		cey	CCC		UL	TOT		-	-		-	-	_	-
Works in Operation.					1								{		1				
Khari Cut Wangroli Tank Franza Nagrama Tank avli Tank Hurtala Tank Mhasva do. Janda Canals	2,99,663 2,07,302 2,71,727 2,36,092 47,948 1,28,781 10,27,238 2,11,995	37.125 31,685 51,686 23,519 25,434 10,175 61,402 6.951	3,36,788 2,38,987 3,23,413 2,59,611 73,382 1,38,956 10,88,640 2,18,946	9,805 7,096 35,6 31	18,493 250 624 7,118	-39 459 10,055 7,720 42,799	2,07,302 2,36,182	22,298 31,685 41,205 19,774 25,434 10,175 49,911 6,988	5,82,230 2,38,987 2,77,387 2,39,946 73,352 1,38,956 10,41,089 2,14,995	70,492 7,691 2,077 2,469 508 2,698 10,059 8,760	700 23	70,493 8,39 2,100 2,463 508 2,693 10,053 3,760	1 8,118 4,829 1,051 230 1,037 6,730	118 210 42 18 66 395	17,878 3,236 5,039 1,093 248 1,103 7,125 1,274	1,376 260 1,598 2,934	2,938	9.04 2.16 0.57 0.36 1.16 0.28	1.06

Bhatodi Tank Kásurdi do. Shirsuphal do. Bhadalvádi do. Koregaon do. Ashti do. Pathri do. Revári Canal. Upper Mán River Works Yerla River Irrigation Works Chikhli Canal. Maini Tank Muchkundi Tank Gadikeri do. Gokak Canal, First Section, and Storage Works Dambal Tank Medleri do. Madag do. Asundi do. Mávinkop do.	2,12,199 2,13,115	27,022 4,778 12,369 14,307 1,266 79,041 12,837 3,040 23,451 44,131 3,639 25,525 18,490 44,319 3,133 3,038	3,79,70; 45,596 2,24,568 2,27,422 39,185 8,36,991 5,87,380 69,811 4,39,286 7,71,814 57,442 4,87,650 1,58,707 16,918 9,42,925	9,867	256	10,128	3,24,317 3,52,685 40,812 2,12,199 2,18,115 37,923 7,57,050 5,74,543 56,771 4,15,835 7,19,542 53,803 4,62,125 1,40,217 16,363 9,00,811 60,847 78,364 1,61,248 60,741 30,185	23,233 27,022 4,778 12,369 14,307 1,266 79,041 12,837 3,040 23,451 45,328 3,639 25,525 18,490 555 44,377 3,133 3,038 6,350 14,254 3,319	3,47,550 3,79,707 45,590 2,24,568 2,27,422 5,87,380 59,811 4,39,286 7,64,870 57,442 4,87,650 1,58,707 16,918 9,45,188 63,980 81,392 1,67,598 74,995 33,504	15,157 4,803 410 2,511 1,255 836 11,897 704 4,533 5,196 18,293 2,191 8,096 392 10 57,262 453 669 2,635 564	76 1,350 2,061 981 632 2,203	15,233 6,153 410 2,511 1,255 836 11,897 704 4,533 5,196 18,293 2,191 8,096 392 2,071 57,262 1,434 669 2,635 1,196 2,203	4,023 607 2,230 2,316 1,772 4,581 972 1,736 3,707 6,369 2,001 3,162 243 533 14,277 968 956 2,155 876	293 298 34 136 150 25 62 137 240 66 153 11 9 715 74 68 131 68	9,260 4,261 641 2,366 2,466 1,909 4,791 997 1,798 3,844 6,609 2,067 3,315 251 542 14,992 1,042 1,024 2,286 944 294	5,973 1,892 145 7,106 2,735 1,352 11,684 124 4,781 138 1,529 42,270 392 849 252 1,909	231 1,211 1,073 293 	1.72 0.50 0.06 0.85 4.57 0.31 1.53 0.22 0.98 0.09 9.04 4.47 0.61 0.21 0.34 5.70	0·51 0·53 2·74 0·05
Total, Works in operation	81,06,168	6,16,074	87,22,242	41,483	10,194	31,289	82,68,988	5,76,822	88,45,810	2,37,621	8,026	2,45,647	97,777	4,921	1,02,698	1,42,949	•••	1.60	***
Works under Construction.										744									
Schiat Tauk Victoria do	1,54,133 4,37,530	32,649 2 3,473	1.86,782 4,61,003		1,017 1	40,358 19	60,134 55,090	1,023 3,784	61,157 58,874			***	•••	***	***	***	***	***	***
Total, Works under construc-	5,91,663	56,122	6,47,785	39,359	1,018	40,377	1,15,224	4,807	1,20,031	•••			•••	***	•••	***			129
Works in Abeyance.																			
Gokák Canal, Second Section-	1,78,001	13,994	1,91,995				1,76,306	13,978	1,90,284	•••		j	•••	•••	•••	•••	•••		•••
Total, Deccan and Gujarát	88,75,832	6,86,190	95,62,022	80,842	9,176	71,666	8 5,6 0,518	5,95,607	91,56,125	2,37,621	8,026	2,45,647	97,777	4,921	1,02,698	1,42,949	•••	1.56	***
Grand Total, Works for which Capital and Revenue Accounts are kept 1	,35,21,038	8,87,056	1,44,09,094	93,708	-8.881	84,827	1,31,80,495	7,91,939	1,39,72,434	3,02,346	15,34,694	18,37,040	4,55,753	15,048	4,70,799	13,66,241	•••	9.78	***
Works for which only Bevenue Accounts are kept. Sind	100		***	(Ϊl	11	Ha	ıya	at .	72,852	25,61,653	26,3 4,505	8,95,933	<u></u>	8,95,933	17,38,572	•••	444	

Nors.—(1) Direct Charges under Working Expenses include share of collection charges in the Civil Department calculated at certain percentages fixed by Government, but which are not adjusted in the Finance Accounts.

The rate per cent. on total cost (Rs. 13,57,284) of the Project comes to Rs. 3:11.

V. C. FRENCH, Examiner of Public Works Accounts, Bombay.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

					Dr	RECT CHARGES.		estimated.	Expenditure against
	Head	ls of Account.			Previous.	1908-1909.	Total.	(Construction estimate closed on 31st March 1906.)	closed estimates.
	Ţ	— — — — — — — — — — — — — — — — — — —			Rs.	Rs.	Rs.	Rs.	Rs.
		Head Works.			ĺ				
	• • •			- 1	10 = 10	1	12,512	12,512	12,512
	Preliminary Exp	-	•••	•••	12,512 2,23,024	•••	2,23,024	2,23,024	2,23,0 24
•	Land Works	•••	•••	•••	18,59,055	•••	18,5 9,055		18,59,055
	Buildings		•••		13,282	•••	13,282	13,282	13,282
ī.	Plantations	•••	•••		7,053	•••	7,053	7,053	7,053
).	Miscellaneous	•••	•••	•••	1,547	•••	1,547	1,547 3,571	1,547 3,571
	Maintenance	***	•••	•••	3,571	•••	3,571	3,071	0,071
		Total, He	ad Works	,	21,20,044		21,20,044	21,20,044	21,20,044
	(9) Main C								
	(2)—Main C				19,066	ALC:	19,066	19,066	19,066
A .	Preliminary Exp		////	***	34,145		34,145	34,145	34,145
В. Э.	Regulators	•••			20,698	110.00	20,698	20,698	2 0,698
J. F.	River and hill to				5,14,067	•••	5,14,067	5,14,067	5,14,067
€.	Bridges	•••	•••		53,443	•••	53,443	53,443	53,443
K.	Buildings	•••	1111		39,943	11100	39,943	39,943	39 ,943
L.	Earth-work	***	••• •	•••	12,06,608		12,06,608 6,928	12,06,608 6,928	12,06,608 6,928
M.	Plantations	**:	••• 1000	•••	6,928 5,58,005	4///	5,58,005		5 ,58,008
Ŋ.	Tanks and Rese Miscellaneous		•••		1,025		1,025	1,025	1,02
). P.	Maintenance	***	•••		11,167	~	11,167	11,167	11,167
	Total, Mai	n Canals and	Branches		24,65,095	•••	24,65,095	24,65,095	24,65,03
	(3)—1	Distrib <mark>utaries.</mark>						-	
	• /				3,493		3,493	3,493	3,49
A. B.	Preliminary Ex Land	рецзез	•••		11,751	441	12,192	12,192	12,19
Č.	Works	•••	•••		95,876	2,723	98,593	98,599	98,59
Ľ.	Earth-work	•••	•••	•••	92,466	611	93,077	93,077	93,07
О.	Miscellaneous	•••	•••	•••	8,715		8,715	8,715	8,71
		Total, Dis	tributaries	•••	2,12,301	3,775	2,16,076	2,16,076	2,16,07
	G		I.—Works	C 7	47,97,440	3,775	48,01,215	48,01,215	48,01,21
	76	Establishmen -	TCL.	y I	CLL.	CILL	しましし	ルレレー	
	2. Direction ar	nd Accounts		ď	3,00,258	167	3,00,425		
3.	Executive	•••	•••	•••	7,65,180	600	7,65,780		
4.	Medical Special Survey	•••	•••	•••	11,004 77,065	•••	11,004 77,065		11,00
5.	Special Survey	•••	•••	•••	} 	\ <u> </u>	17,000	77,065	77,06
		·	ablishment	•••	11,53,507	767	11,54,274	11,54,274	11,54,27
	III.	-Tools and		•••	1,23,076	•••	1,23,076		1,23,07
			rand Total	•••	60,74,023	4,542	60,78,565	60,78,565	60,78,56
	V.—Less Recei	-		•••	8,382	•••	8,382	8,382	8,38
	A n	PORTIONMENT.	Net Outlay	•••	60,65,641	4,542	60,70,183	60,70,183	60,70,18
~ 1			of D. 4	.1.	1				
Cb	argeable to 35.—	-Construction Irrigation V		ctive	52,56,876	4540	50.03.450	F0 05 1-	1000
	Do. 43	-Minor Work	s and Nav	••• ••••	, 02,00,570 	4,542	52,61,418	52,61,418	52,61,4
		tion	100	nga.	8,08,765	•••	8,08,765	8,08,765	8,08,7
			Total			-			<u> </u>
			TOMI	•••	60,65,641	4,542	60,70,183	60,70,183	60,70,1

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

n		Total.				Total.	
Recei pts.	Previous.	1908-1909.	Total.	Charges,	Previous.	1908-1909	Total.
I.—Direct Receipts.	Rs.	Rs.	Rs.	T. T.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	27,67,087	2,84,734 (a) 18	3 0 ,51,839	I.—Extensions and Improvements.		•	
3. Sales of water	1,675		1,766	1. Head Works	3 50	***	350
4. Water-supply of towns	1	•••	1	2. Main Canals and Branches	6,877	6,692	13,569
5. Plantations 6. Other canal produce	} 23,755	3,169 5,025	31,949	3. Distributaries	172	•••	172
9. Rents of buildings	5,817	100	6,052	Total	7,3 99	6,692	14,091
l1. Miscellaneous receipts	25,126		27, 036	. II.—Maintenance and Repairs.			
Total	28,23,463	2,95,182	3 1,18,64 5	1. Head Works	7 4,05 4	5,148	79,202
II.—INDIRECT RECEIPTS. Irrigation share of Land Revenue collected in the Civil Department	١1	Т1		2. Main Canals and Branches 3. Distributaries	3, 41 ,583 87 ,256	18,171 4,384	3,59,754 91,640
Total, Receipts	28,23,463	2,95,182	31,18 , 645	Total	5,02,893	27,703	5,30,596
				III.—Compensation	5	•••	5
		•	·	IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts 3. Executive 4. Medical	52,9 3 7 4,35,376 3,719 4 ,9 2 ,032	1,591 35,501 	54,528 4,70,877 3,719 5,29,124
Carried over	2 8,23,4 63	2,95,182		į.	10,02,329		10,73,816

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 190--1909.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

	1	Total.	İ			Total.	
Receipts,	Previous.	1908-1909.	Total.	Charges,	Previous.	1908-09.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward	28,23,463	2,95,182	31,18,645	Brought forward	10,02,329	71,487	10,73,816
				V.—Tools and Plant	22,475	2,050	24,525
			// <u>=</u>	VI.—Refunds of Revenue	7,241	489	7,730
			1	Total	10,32,045	74,026	11,06,071
	2			Share of Collection Charges in the Civil Department		14,214 (a) 18	1,52,579
				Indirect Charges debitable to Revenue Account as per Account No. 5	3	5,198	74,077
(a) Amount adjusted by credit to water-rates and debit per contra of account of collection charges on the revenu realized by the Bhor State.	d n n	Ia	ya	Total, Charges Balance Net Revenue			
Grand Total	28,23,46	2,95,18	31,18,645	Grand Total	. 28 , 23,463	2, 95,18	31,18,645

N. B.—Construction Estimate of Nira Canal closed on 21st March 1899, vide G. R. No. 1847, dated 2nd April 1900.
 Construction Estimate of Shetphal Tank closed on 31st March 1906, vide G. R. No. 2434, dated 2nd October 1905.
 Completion Report approved in G. R. No. 2867, dated 3rd December 1907.

No. 4.—Interest Account for, and to end of, 1908-1909.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1907-08.	50,72,878	Net Revenue realized to end of 1907-08. Do. during 1908-09.	15,84,187 2,01,731
Interest charges for the year 1908-09	2 ,05,338	Balance net Interest charges	17,85,918 34,92,298
Total	52,78,216	Total	52,78,216

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 5. - Account of Indirect Charges for, and to end of, 1908-1909.

Particulars.	Previous.	1908-1909.	Total,	
CAPITAL -		Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue 2. Leave and Pension Allowances	•••	1,84,823 1,78,765	107	1,84,823 1,78,872
Total	•••	3,63,588	107	3,63,695
REVENUE-			· ·	
2. Leave and Pension Allowances	•••	68,884	5,193	74,077

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

	Снаг	SANCTION		CURR	CURRENT SANCTIONS.			
Particulars.	Expenditure against construction Estimate.	Expend- iture against open Capital sanctions.	Total.	Charges to	Amount of sanc- tioned Estimate	balance of	Total charges to date against old and current sanctions.	Remarks.
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	47,68,387	32,8 <mark>28</mark>	48,01,215		•••	•••	48,01,215	
Establishment	11,46,855	7,419	11,54,274	•••	•••	•••	11,54,274	
Tools and Plant	1,26,141	-3,065	1,23,076	•••	•••	•••	1,23,076	
Total	60,41,383	37,182	60,78,565	at]	n	st1	60,78,565	
Less—Receipts on Capital Account	8,382	•••	8,382	•••	•••	•••	8,382	
Net Total	60 , 33,001	37,182	60,70,183	•••		•••	60,70,183	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue	1,83,159	1, 664	1,84,823	•••	•••	•••	1,84,823	
Leave and Pension Allowances	1,77,833	1,039	1,78,872		•••	•••	1,78,872	
Total	3,60,992	2,703	3,63,6 95	•••	•••	•••	3,63,695	
Grand Total	63,93,993	39,885	64,33,878				64,33,878	,

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

35.—PROTECTIVE IRRIGATION WORKS.

MHASVAD TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

			Total.			Total.			
	Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.	
I	-DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and	Rs.	Rs.	Rs.	
1.	Water-rates from Irrigation	3, 27, 520	{ 19,430 { (a) 270	3,47,220	IMPROVEMENTS.	,			
3. 4.	Water-supply	162 15,107	4,056	162 19,163	1. Head Works II.—MAINTENANCE AND	17,401	•••	17,401	
5. 6.	towns. Plantations Other canal produce	7,592	44 740	> 8,376	Repairs.				
9.	Rents of building		30	1,014	1. Head Works	37,590	1,855	38,945	
10.	Fines			4	2. Main Canals and Branches	84,760	2,210	86,97 0	
11.	Miscellaneous receipts	23,829	58	23,887	3. Distributaries	44,904	3,182	48,086	
	. Total .	3,75,198	24, 628	3,99,826	Total	1,67,254	6,747	1,74,001	
Irrig R	-Indirect Receipt gation share of Lar evenue collected	id n			111.—Compensation	75		75	
tì	ne Civil Departmen	t. •••	•••	•••	IV.—Establishment.				
	Gı	11 F	Ta	va	1 & 2. Direction and Accounts	20,157	3 37	20,494	
				,	3. Executive	1,01,352	6,885	1,08,237	
					4. Medical	66	•••	66	
					Total	1,21,575	7,222	1,28,797	
	Total, Receipts	3,75,198	24,628	3,99,826	V.—Tools and Plant	2,031	149	2,180	
	Carried over	•··3,75,198	24,628	3,99,826	Carried over	3,08,336	14,118	3,22,454	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

35.—PROTECTIVE IRRIGATION WORKS.

MHASVAD TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

	Total.				Total		
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward	3 ,7 5 ,19 8	24,628	3,99,826	Brought forward	3, 0 8,336	14,118	3,22,454
	\mathcal{A}			VI.—REFUNDS OF RE-	5		5
				Total	3,08,341	14,118	3,22,459
(a) Amount adjusted by credit to water-rates and debit per contra on account of collection charges for the revenue realised by the Aundh State.	The	7//		Share of Collection Charges in the Civil Department		{ 792 (a) 270	} 18,286
		- (()	E	Indirect Charges debitable to Revenue Account as per Account No. 5	17,020	1,011	18,031
-	P			Total, Charges	3,42,585	16,191	3,58,776
				Balance Net Revenue	32,61 3	8,4 37	41,050
Grand Total	3 <mark>,75,198</mark>	24,628	3,99,826	Grand Total	3,75,198	24 ,628	3,99,826

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-1907.

Construction Estimate closed on 31st March 1901, vide G. R. No. 1197, dated 10th June 1901.

Completion Report approved in G. R. No. 1106, dated 22nd April 1903.

No. 4.—Interest Account for, and to end of, 1908-1909.

	Amount.		Amount.
Gul Ha	3.77	t Instituto	Rs.
Uui IIa	Rs.	Net revenue realized to end of 1907-1908.	32,613
	-/	Do. during 1908-1909.	8,437
Total Interest charges to end of 1907-1908	19,82,321		41,050
Interest charges for the year 1908-1909	67,868	Balance net Interest charges	20,09,139
Total	20,50,189	Total	20,50,189

No. 5.—Account of Indirect Charges for, and to end of, 1908-1909.

Particulars,		Previous.	1908-1909.	Total.
		Rs.	Rs.	Rs.
REVENUE— 2. Leave and Pension Allowances	•••	17,020	1,011	18,031

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKAPUR TANK.

Tank Project. No. 2.—Capital Account for, and to end of, 1908-1909.

		D	IRECT CHARGES	•	Cost of	Expenditure against closed
	Heads of Account.	Previous.	1908-1909.	Total.	construction as now estimated.	estimates.
	IWorks.	R _S .	Rs.	Rs.	Rs.	Rs.
	(1)—Head Works.				0.000	
١.	Preliminary Expenses		***	7,678	8,666	*****
3.	Land		49	2,233 7,43,094	19,654 8,77,103	*****
). -	Masonry works	6,45,914	97,180	6,977	8,872	*****
ζ.	Buildings Earthwork	78 509	15,453	89,155	1,14,078	
	Maintenance	5 450	151	5,610	6,000	••••
•						
	Total, Head Works .	7,41,914	1,12,833	8,54,747	10,34,373	*****
	2)—Main Canals and Branches.	////	1111	040	F00	
į .		346	3	349	500	•••••
3.		349	21	1 24 646	5,175 1,27,954	•••••
). K.	10(1.3)	1,15,338	9,308	1,24,646 5,904	8,750	•••••
չ. ն.	77	2,428 81,323	3,476 12,282	93,605	78,297	
ď.	Dlandadiana	654		1,018	4,000	
To	tal, Main Canals and Branches .	2,00,438	25,454	2,25,892	2,24,676	
	(3)—Distr <mark>ibutaries.</mark>	-	-			-
A.	Preliminary Expenses	2,505	267	2,772	6,330	•••••
₿.		***	•••	*****	1,500	•••••
c.			47	47	7,050	*****
L.	Earthwork	***	•••		66,250	***
	Total, Distributaries .	2,5 05	314	2,819	81,130	
	Total, I.—Works	9,44,857	1,38,601	10,83,458	13,40,179	
	II.—ESTABLISHMENT.					
1 8		41,234	5,462	46,696		•••••
		1,58,696	19,664	1,78,360		•••••
	4. Medical	··· 1 ,113	490	1,603		•••••
	Total, II.—Establishment	2 ,01, 0 43	25,616	2,26,659	3,00,175	•••••
	III.—Tools and Plant	5 4, 796	3,827	58,623	61,702	•••••
	IV.—Suspense Accounts	-3,735	8,798	63	•••••	•••••
	Grand Total	11,96,961	1,71,842	13,68,803	17,02,056	
V	.— Less Receipts on Capital Accou	nt 1,922	210	2,132	3,000	•••••
	Net Outlay	11,95,039	1,71,632	13,66,671	16,99,056	•••••
	Apportionment.		-		-	
Ch	argeable to 35.—Construction	of				
	Protective Ir	ri-	}	1	ļ	1
	gation Work	s . 11.60 723	1,71,632	13,32,355)	
	Do. 43.—Minor Works a	\mathbf{nd}		,,	16,99,056	
	Navigation	••• 34, 316		34,316	1)	
	Total	11 05 000	151.000	10.00.05=		-
	1 Otal	11,95,039	1,71,632	13,66,671	16,99,056	1

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 35.—PROTECTIVE IRRIGATION WORKS.

CHANKA'PUR TANK.

TANK PROJECT.

		No. 4	-Intere	est Accoun	t for, and	to end of,	1908 -1 909.	•	
				Amount.	.				Amount.
				Rs.					Rs.
Total Interest charges				1,56,60		evenue re Do.	alized to en dur	ing 1907-1908	*****
Interest charges for the	he year i	1908- 1 9	09	4 3,34				-	******
		m.	, -	7.00.01		ice net in	terest char		1,99,950
		Tota	Bal	1,99,95	0			Total	1,9 9,9 5 0
	No.	5.—Acc	ount of	Indirect C	Charges for	, and to e	and of, 1908	3-1909	
		Particu	lars.	Min.			Previous.	1908-1909.	Total.
Capital— 1. Capitalized a 2. Leave and P	bateme	ent of L	and Re	venue			Rs. 2,770 28,786	Rs. 176 3,586	Rs. 2,946 82,372
				Ilm	To	tal	31,5 56	3,762	35,318
	No. 6.	-Statem	ent com	pa <mark>ring Ch</mark>	arges to d	ate with s	anctioned I	Es <mark>tim</mark> ates.	
		es agains Sanction		Cui	RRENT SANCI	ions,			
Pa rt icu lars.	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Totale	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.	Total charges to date against old and current Sanctions.	Remark	s.
Direct Charges.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Works Establishment Tools and Plant Suspense Accounts	jl		H		13,40,179 3,00,175 61,702	73,516	10,83,458 2,26,659 58,623 63	tute	
Total Less—Receipts on		•••	•••	13,68,803	17,02, 0 56	3,33,25 3	13,68,803		
Capital Account.	•••	•••	•••	2,132	3,000	868	2,132	Estimate sanctioned of State in Despate	ch No. 58-P. W.,
Net Total	•••	•••	•••	13 66 671	16,99,056	3.32.385	13,66,671	dated 4th December nicated in Govern	ment of India'
				10,50,011	20,000,0			No. 71-I., dated 151	
INDIRECT CHARGES. Capitalized abatement of Land Revenue Leave and Pension Allowances	•••	•••	•••	2,946 32,372	27,875	24,929 10,293	2,946	No. 71-1., dated 15: vids Governmen No. 1619, dated 30	at Resolution
Capitalized abatement of Land Revenue	•••	•••	•••	2,946	27,875 42,665	24,929	2,946 32,372	vide Governmen	at Resolution

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1903-1909.

35.—PROTECTIVE IRRIGATION WORKS.

MA'LA'DEVI TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

			D	irect Charges		Cost of con-	Expenditure
Heads	of Account.		Previous.	1908-1909.	Total.	struction as now estimated.	against closed estimates.
I-	-Works.		Rs.	Rs.	Rs.	Rs.	Rs.
(1)—H	lead Works.						
A. Preliminary Expe	enses	•••	5,827	-	5,327	5,327	•••
B. Land	(11)	•••	13,990		18, 990	13,555	•••
C. Masonry Works	·i. , , , , , , , , , , , , , , , , , , ,		85,812 *1		85,812	85 , 82 3	•••
K. Buildings	•••	•••	3,706	}	3,707	3,706	•••
L. Earthwork		•••	1,84,543 *—1	}	1,34,542	1,34,878	
P. Maintenance	•••		30		30	30	•••
	Total, Head Works	•••	2,4 3,408		2,43,408	2,43,319	•••
	Total, I.—Works	•••	2,43,408	•••	2,43,408	2,43,319	
II.—Es	TABLISHMENT.						
1 & 2. Direction an	d Accounts	•••	11,442	•••	11,442	11,459	
3. Executive	***	•••	49,132	•••	49,132	49,194	•••
Tot	al, II.—Establishment	•••	60,574		60,574	60,653	•••
(nir	Tools and Plant		1,473	181	1,4 73	1,473	
	Grand Total	•••	3,05,455	•••	8,05,4 55	3,05,445	
VLee-Receipts	on Capital Account	•••	1,385	190	1,575	774	•••
	Net Outlay	•••	8,04,070	.—190	3,03,880	3,04,671	
Å₽₽	DRTIONNENT.						
Chargeable to 35,-	Construction of Protection Works	ctive •••	2, 90 ,73 3	190	2,90,513	\	
Do. 43	Minor Works and Nav	riga-	13,337		13,337	3,04,671	•••
	Total	•••	3,04,070	-190	3,03,880	3,04,671	

[•] Fraction of a rupes adjusted.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 35.—PROTECTIVE IRRIGATION WORKS.

MA'LA'DEVI TANK.

TANK PROJECT.

		N	o. 4.—	Interest A		, and to e	nd of, 1	908-1909.		
					Amount.					Amount.
					Rs.			•		Rs.
Total Interest cha	rges to	end of	1907- 19	80	1,07,956		enue rea Do.		f 1907-1908 1908-1909	*****
Interest charges i	or the	year 190	08-1909	·	10,287	Balance	net Inte	erest charges	•••	1,18,243
			Tota	ıl	1,18,243				Total	1,18,243
		No. 5	–Accor	ent of Indi	irect Charg	es for, an	d to end	of, 1908-190	9.	
		Par	ticulars.					Previous.	1908-1909.	Total,
CAPITAL-								Rs.	Rs.	Rs.
 Capitaliz Leave an 	ed abat d Pens	ement o	f Land	Revenue	;; <u> </u>			875 9, 017	•••••	8 75 9,017
				-4///		Tota		9,892		9,892
	λ	70. 6.—S	Statemer	t comparis	ng Charges	to date u	ith sand	tioned Estima	ates.	
Particulars.	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.		Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.	Total charges date agai old and curren sanction	to inst l t	Remarks.	
DIRECT CHARGES. Works Establishment Tools and Plant	Rs.	Rs	Rs.	Rs. 2,43,408 60,574 1,473	60,653	79	Rs. 2,43,4 60,5 1,4	74		
Total	•••	•••	•••	3,05,455	3,05,445	-10	3,05,4	55		
Less—Receipts on Capital Account.	G	ul	H	1,575	V 774	-801	1,5	75 Irrigatio been ma complete	is a part of the n Project but separ intained until the d sufficiently to give f water to the other.	ate account has new project is ve an increased
Net Total			•••	3,03,580	3,04,671	791	3,03,8	SO Governm 18th Se	ent of India No. ptember 1908, co	1951-I, dated mmunicated in
Indirect Charges.								Estimate a and indi project se	ent Resolution No. 1908. mounting to Rs. 3,1 rect charges include the section of	1,574 for direct ed in the above retary of State's
ment of Land Revenue leave and Pension	•••	•••	•••	875	875		87	1907, oo India No vide Gov 22nd Octo	mmunicated in Co. 1631 of 23rd So ernment Resolution ober 1907, has been	Sovernment of eptember 1907, n No. 2557 of
Allowances			***	9,017		11	9,01	-	· kini	
Total		•••	•••	9,892	9,903	11	9,89	2		
C				0 10 550	9 14 574	000	2 10 77			

3,13,772 3,14,574

BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

35.—PROTECTIVE IRRIGATION WORKS.

GODAVERI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

					D	IRECT CHARGES		Cost of	Expenditure
	Hea	ds of Account.			Previous.	1908-1909.		Construction as now estimated.	against closed estimates.
	I	-Works.			Rs.	Rs.	Rs.		Rs.
	(1)_	-Head Work	f.]	
	` ,				273	114	387	43,726	***
1. 3.	Preliminary E: Land		***		14,561	22,311	36,872	7,39,515	•••
	Works	***	***	•••	4,30,878	7,42,846	11,73,724	33,86,306	***
	Buildings		***	• • •	30,422	4,730	35,152	35,061	***
		Total, H	lead Works		4,76,134	7,70,001	12,46,185	42,04,608	•••
	12 Main	Canals and H	Branches.	-					
	` '			•••	3,976	8,524	12,500	45,474	• • • •
k.	Preliminary ex Land	penses			2,153	27,721	29,874	2,32,916	•••
),	Regulators					1 A	***	20,929	•••
	River and hill		8	***	2,871	28,243	31,114	8,73,648	•••
} ,	Bridges	•••	11111	•••	2,533	1,554 20,444	4,087 29,699	98,674 88,806	•••
	Buildings	***		• • • •	9,255 1,36,180	1,98,447	3,84,627	11,10,973	•••
ſ.	Earthwork Plantations		***	***	434	624	1,058	5,252	•••
ı.).	Miscellaneous	•••		•••	•••	***	•••	4,611	•••
•	Maintenance	•••	***	•••	416	58	474	11,007	•••
	Total, Ma	ain C <mark>anals a</mark> r	d Branches	•••	1,57,818	2,85,615	4,4 3,433	24,92,290	•••
	(3)—	Distributa <mark>ri</mark>	e8.						
١.	Preliminary ex	penses	•••		***	1,158	1,158	6,350	•••
3.	Land	•••	•••	•••	844	•••	•••	77,724	•••
).	Works	•••	•••	•••	•••	***	•••	2,38,151	•••
).	Miscellaneous	•••	•••					2,51,524	
		Total, D	istributaries	•••	•••	1,158	1,158	5,73,749	
	(` †1	Total	, I.—Works	T^{*}	6,33,952	10,56,774	16,90,726	72,70,647	,
		Establishme		1		LID			
l &	3. Direction :	and Account	s	•••	29,546 61,839	46,901 98,235	76,447 1,60, 07 4	14,68,198	•••
		Total, E	stablishment	•••	91,385	1,45,136	2,36,521	14,68,198	
III	-Tools and Pl	ant	•••	•••	1,15,504	27,861	1,43,365	95,752	
ľV	.—Suspense Ac	counts	•••	•••	27	-21	6	•••	
			Grand Total	•••	8,40,868	12,29,750	20,70,618	88,34,597	,
V,-	-Less-Receipt	ts on Capital	Account	•••	2	65	67	•••	
			Net Outlay	•••	8,40,866	12,29,685	20,70,551	88,34,597	
	A	PPORTIONMEN'	r.						
	argeable to 35- Irrigation Worl		on of Prote	ctive	0.40 000	12,29,685	20,70,551	88,34,597	

BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YRAR 1908-1909.

35.—PROTECTIVE IRRIGATION WORKS.

GODAVERI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1908-1909.

	Amount.		Amount.
Total Interest charges to end of 1907- 1908 Interest charges for the year 1908-1909.	1 6,67 7	Net Revenue realized to end of 1907- 1908 Do. during 1908-1909.	Rs.
THE STATE OF THE S		Balance net interest charges	65,938
Total	65,938	Total	65,938
No. 5.—Account of	Indirect Char	ges for, and to end of, 1908-1909.	

Particulars.		Previous.	1908-1909.	Total.
CAPITAL— 1. Capitalized abatement of Land Revenue 2. Leave and Pension Allowances		Rs. 704 12,793	Rs. 21,647 20,319	Rs. 22,351 33,112
	Total	13,497	41,966	55,463

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

	Снаво	ES AGAINST SANCTIONS.	CLOSED	Cus	RENT SANCI	LIO RS	Total		
Particul ars.	Expenditure against construc- tion Estimate.	Erpenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate,	charges to date against old and current sanctions.	Remarks,	
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Works Establishment Tools and Plant Suspense Accounts		Ħ	ay	16,90,726 2,36,521 1,43,365 6	1 4 ,68,198 95,752	12,31,677	16,90,726 2,36,521 1,43,365 6		
Total	•••	•••	•••	20,70,618	88,34,597	6 7, 63,979	20,70,618		
Less—Receipts on Capital Account	•••	•••	•••	67	•••	67	67	Estimate sanctioned in Secretary of State's Despatch No. P. W.—47 of	
Net Total	•••	,	•••	20,70,551	88,34,597	67,64,046	20,70,551	13th Jnly 1906, vide Government	
Indirect Charges. Capitalized abate-								of India's No. 1187—I. of 18th August 1906, communicated in Government Resolution	
ment of Land Revenue Leave and Pension	•••	•••	•••	22,351	5,20,900	4,98,5 4 9	22, 351	No. 2604 of 22nd October 1906, Rs. 95,61,044	
Allowances	•••	•••	•••	33,112	2,05,547	1,72,435	33,112		
Total	•••	•••	•••	55,463	7,26,447	6,70,984	55,463		
Grand Total	•••	•••	•••	21,28,014	9 5,61,044	74,35,030	21,26,014)	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANAL PROJECT.

CANAL PROJECT.

No. 2.--Capital Account for, and to end of, 1908-1909.

		Dı	RECT CHARGES.		Cost of con-	Expenditure
Heads of Acc	count.	Previous.	1908-1909.	Total.	struction as now estimated.	against closed estimates.
I.—Wor	sks.	Rs.	Rs.	Rs	Rs.	Rs.
(1)—Head	Works.				1	
A. Preliminary Expe B. Land C. Works	enses	•••••	2,580	171 2,580	4,018 92,000 28,73,265	*****
K. Buildings O. Miscellaneous P. Maintenance	•••		563	563	12,916 41,225 11,000	*****
Total.	Head Works		3,314	3,314	30,34,424	*****
(2)—Main Canals						
A. Preliminary Exp B. Land		11	857 2 4,694	868 2 4,694	7,358 2,00,389 47,523	*****
D. Regulators E. Falls and Weirs F. River and hill to	rrent works	2,383	55,484	57,867 9,870	17,318 3,93,687 78,910	*****
G. Bridges H. Escapes K. Buildings	•••	•••••	9,870	*****	14,017 43,838	*****
L. Earth-work M. Plantations O. Miscellaneous	•••	•••••	3,379 100 1,570	3,379 100 1,570	12,00,579 64,772 1,846 19,500	******
P. Maintenance	•••	*****	350	350	<u> </u>	
Total, Main Canals	and Branches	2,394	76,306	78,700	20,89,737	••
(3)—Distri	ibutaries.					
A. Preliminary Exp L. Earth-work O. Miscellaneous	penses	******	60	60 	1,09,776 3,23,935 1,86,976	*****
Total.	Distributaries	******	60	60	6,20,687	•••••
	al, I.—Works	2,394	79,680	82,074	57, 44,8 4 8	•••••
1 & 2. Direction and 3. Executive	- 1	120 431	3,879 13,963	3 ,999 14,3 94	} 12,53,095	*****
Total, II.	Establishment	551	17,842	18,393	12,53,095	
IIITools and P	LANT	36	1,865	1,901	1,56,991	•••••
	Grand Total	2,981	99,387	1,02,368	71,54,934	
V.—Less-Receipts	on Capital Account.	*****	77	77	•••	
Annones	Net Outlay	2,981	99,310	1,02,291	71,54,934	
Apposite Chargeable to 35 Protective Irrigat	-Construction of	0.003	99,310	1,02,291	71,54,934	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANAL PROOECT.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1908-1909.

		10. 4	Interest A	ccount for	, and to en	a of, 1908	5·1909.		
			A	mount.					Amount.
Total Interest charg	•		8	Rs. 51 1.781	907-1908 3-1909	Rs.			
		Tot	al	1,832	Balance ne	t interest	charges	···	1,832
	No	. 5.—Accor	unt of Indi	rect Charg	es for, and	to end of	; 1908-1909.	Total	1,832
		Particula					Previous.	1908-1909.	Total.
CAPITAL— 2. Leave and	Pension A	Allowances		***			Rs. 77	Rs. 2,498	Rs. 2,575
	No. 6	.—Stateme	nt comparis	ng Charges	to date w	ith sancti	oned Estimat	es.	
	CHARGES A	GAINST CLOSE	D SANCTIONS	Cu	RRENT SANC	rions.	Total charges to		
Particulars.	Expenditure against Construction Estimate.	against	Total.	Charges to date.	Amount of sanctioned Estimate.	balance of		RBMAI	es.
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Total estimat	e for the
Works	•••		•••	82,074	57,44,848	56,62,77	82,074	sanctioned by State's Despate	the Secretary of th No. 33-P. W
Establishment	•••		***	18,393	12,53,035	12,34,702	18,393	of 9th August ernment of Indi 23rd Septembe	a's No. 1631-1 of r 1907, commu-
Tools and Plant			•••	1,901	1,56,991	1,55,090	1,901	nicated in Go lution No. October 1907, Deduct.—Estima of the underme	2557 of 22nd Rs. 86,44,841 te
Total	•••	•••		1,02,368	71,54 ,934	7 0, 52,566	1,02,368	tioned Works their separate a counts have be prepared as or	18 C- II
Less—Receipts on Capital Account	ĴU	1	lay	/ a ⁷	li	187	1tu	account for the whole project here kept in abe ance pending the new project	as y- ne
Net Total	•••			1,02,291	7 1,54,93 4	70, 52, 648	1,02,291	completed, sufficiently to give water to the other canals, vio	i• re e le f
INDIRECT CHARGES.								India's No.1951 of 18th Septem ber 1908, com	- -
Capitalized abatement of Laud Revenue					2,80,459	2,80,45 9		municated i Governmen Resolution No 2721 of 20t October 1908:-	t). h
Leave and Pension	•••	•••	•••	***	4,00,409	2,00,400	•••	Málideri F Tank 3,14	ls.
Allowances		•••	•••	2,575	1,75,433	1,72,858	2,57 5	O j h a r Canal 3,47 L á k h Canal 3,71	_
Total	•••	•••	•••	2,575	4,55,892	4,53,317	2,575	Net amount sh	10,34,015
Grand Total	•••	•••	•••	1,04,866	76,10,826	75,05,960	1,04,866		t 76,10,826

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

35.—PROTECTIVE IRRIGATION WORKS.

BUDHIHAL TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

Res	ds of Account.	D	ikect Charges.		Cost of construction as	Expenditure
	account.	Previous.	1908-1909.	Total.	now estimated.	estimates.
	-Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)-	Head Works.					•
A. Preliminary E	rpenses	804		804	1,600	***
B. Land		8,063	(d)=	8,063	30,000	•••
C. Macoury Work		45,988		45,988	1,50,393	
K. Buildings		5,664		5,664	5,664	***
L. Earthwork	***	3,28,697	111105	3,28,697	7,66,249	
O. Miscellaneous	17h 3	4,993		4,993	7,656	•••
P. Maintenance		936	282	1,218	1,409	
-	Total, Head Works			3,95,427		***
(2)—Main C	Canals and Branches.	3,95,145	282	3,93,427	9,62,971	
Total, Ma	in Canals and Branches	•••	***	•••	*1,66,500	•••
	Total, IWorks	3,95,145	282	3,95,427	11,29,471	•••
II.—E	CSTABLISHMENT.					·
8. Executive	and Accounts	1 9,334	10	19,344	54,978	•••
	TT	69,629	38	69,667	1,97,617	•••
N	otal, II.—Establishment	88,963	48	89,011	2,52,590	• • •
	III. Tools and Plant	5,018		5,018	16,468	
Tan Possint	Grand Total	4,89,126	330	4,89,456	13,98,529	
V.—Less Receipts o	n Capital Account	461	80	541	•••	
	Net Outlay	4,88,665	250	4,88,915	13, 98, 5 29	•••
A₽	PORTIONMENT.					
Do. 43	Construction of Protective Irrigation Works Minor Works and Naviga- tion	33,794 29,588	250	34,044 29,588	13,98,529	
Do. \$3	-Famine Relief	4,25,283	•••	4,25,283)	
	Total	4,88,665	250	4,88,915	13,98,529	

[·] Lump sum provision in the Estimate.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 35.—PROTECTIVE IRRIGATION WORKS.

BUDHIHAL TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1308-1909.

Amount.			1.	Amount.
Rs. 50,213	Net Revenue rea		Rs.	
16,541	Balance net inte	rest charges	•••	66,754
66,754			Total	66,754
f Indirect char	ges for, and to end	of, 1908-1909).	
1		Previous.	1908-1909.	Total.
enue •••		Rs. 5,741 12,454	Rs. 7	Rs. 5,741 12,461
4 / / / Same	Total	18,195	7	18,202
	Rs. 50,213 16,541 66,754 f Indirect char	Rs. 50,213 Net Revenue real Do. 16,541 Balance net interest charges for, and to end t	Rs. 50,213 Net Revenue realized to end of Do. during 16,541 Balance net interest charges 66,754 f Indirect charges for, and to end of, 1908-1909 Previous. Rs. 5,741 12,454	Rs. 50,213 Net Revenue realized to end of 1907-1908 Do. during 1908-1909 16,541 Balance net interest charges 66,754 Total f Indirect charges for, and to end of, 1908-1909. Previous. 1908-1909. Rs. 5,741

No. 6.—Statement comparing charges to date with sanctioned estimates.

·		8 AGAINE BANOTION		Сов	RENT SANCI	rion s ,	Total	
Particulars.	Expenditure sgainst construc- tion Esti- mate.	ture	Total,	Charges to	Amount of sanctioned Estimate.	f Unspent balance of ksti.nate.		Remarks.
IRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Vorks Stablishment Cools and Plant .	•••	•••	•••	3,95,427 89,011 5,018	11,2 9 ,471 2,52,590 16,468	7,34,044 1,63,579 11,450	3,95,427 89,011 5,018	
Total		-1111		4,89,456	13,98,529	9,09,078	4,89,456	titute
ess—Receipts on Capital Account.		u.	L	541	y a	541	541	utute
Net Total	•••	•••	•••	4,88,915	13,98,529	9,09,614	4,88,915	Estimate sanctioned in the Secretary of
DIRECT CHARGES								State's Despatch No. 21 of 14th April 1905, as per Government of India No. 793—I of 17th June 1905, communi-
pitalized abatement of Land Revenue ave and Pen- sion Allow-	•••	•••	•••	5,741	2 0,720	14,9 79	5,741	cated in Government Resolution No. 2002 of let August 1905.
ances	•••	•••	•••	12,461	35,362	22,901	12,461	
Total	•••	•••		18,202	56,082	37,880	18,202	
and Total	•••	•••		5,07,117	14,54,611	9,47,494	5,07,117	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

DESERT CANAL. CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

	•	Total.	ļ			Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
5. Plantations	11,90,841	(81		2. Main Canals and	4,789		4, 789
6. Other Canal produce9. Rents of buildings.	3,566 4,613	86 511	5,124	Branches 3. Distributaries	1,31,951 25,647	4,105 8,757	34,404
10. Fines 11. Miscellaneous re-	3,147	599	3, 746	Total	1,62,38.	12,859	1,75,246
ceipts	8,088			II. — Maintenance and Repairs.			
	12,08,255	66,755	12,75,010	1. Head Works	4 3,74 3	•••	43,743
II.—Indirect Receipts. Irrigation share of Land		7/11/1		2. Main Canals and Branches 3. Distributaries	14,2 <mark>7,33</mark> 8 32,6 4 3		1 5,10,1 26 35,76 8
Revenue collected in the Civil Department	<mark>40,68,859</mark>	2,84,106	43,52,965	Total	15,03 <mark>,</mark> 724	85,913	15,89,637
4 per cent. on b ths of		m	1,74	III.—Compensation	279		279
the proceeds from sales of occupancy rights per Govern-	1	ZIII		IV.—Establishment.			
ment of India Nos. 53 & 58 — A. I., duted. respectively, 20th		1		1 & 2. Direction and Accounts 3. Executive	83,751 2,55,844		87,928 2,75,309
June and 1st August 1889, communicated in Government Reso-				· Total	3,39,595	23,642	3,63,237
lution No. 1209, dated 10th July, and				V.—Tools and Plant	13,120	1,001	14,121
No. 1913, dated 7th November 1889	24,432	1,682	26,114	Total	20,19,105	1,23,415	21,42,520
Total	40,93,291	2,85,788		VI REFERENCE	1	2,738	2,738
(📆	53,01,540	3 ,52, 5 48	56,54 ,089	Suspense Account	ute	٠	•••
Note. Loss to the canal on account of difference be- tween assessment of water-				Total	20,19,105	1,26,153	21,45,258
rates on Jaghir lands and also on lands in Khilat Ter- ritory and assessment at the ordinary rates in force for Government lands noted				Share of Collection Charges in the Civil Department	3,25,197	17,110	3,42,307
here per Government of India Letter No. 233-1., dated 14th June 1883, com- municated under Govern-				Indirect Charges debitable to Revenue Account as per Account			
ment Resolution No. 400, dated 11th August 1883 :— Rs,				No. 5	52,279	3,444	55,72
To end of 1907-1908, 10,66,78 Loss for 1903-1909 91.64					1	1,46,707	1
Total11,88,43	o l			Balance Net Revenue	29,04,965	2,05,856	31,10,801
Grand Total	.53,01,546	3,52,543	56,54,089	Grand Total	58,01,546	3,52,543	56,54,089

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

DESERT CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1908-1909.

	Amount.		Amount.
	Rs.		Rs.
otal Interest charges to end of 1907-1908	17,69,787	Net Revenue realized to end of 1907-1908	2 9, 0 4, 9 65
nterest charges for the year 1908-1909	88,736	Do. during 1908-1909	2,05,836
		Balance net Interest charges	31,10,801 —12,52,328
Total	18,58,478	Total	18,58,473

No. 5.—Account of Indirect Charges for, and to end of, 1908-1909.

Particulars.	Previous.	1908-1909.	Total.
venue	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	2,699	134	2,833
2. Leave and Pension Allowances	4 9,580	3,310	52, 890
Gul Havat Total 1:	52,279	3,444	55,723

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

Unharwa'h.

CAVAL PROJECT.

		No. 2.—Capital	Accou	nt for, and t	to end of, 19	08-1909.		
				D	irect Charges	•	Cost of Construction as now estimated	Expenditure
	Не	ade of Account,		Previous.	1908-1909。	Total.	(Construction estimate closed on 31st March 1891).	closed estimates.
	. 1	I.—Works.		Rs.	Rs.	Rs.	Rs.	Rs.
	(1)-	-Head Works.						
C.	Works		•••	56,970	•••	5 6,970	56, 97 0	5 6,9 70
	(2)—Main	Canals and Branches.					-	
A.	Preliminary E	xpenses	•••	817	•••	817	817	817
В, D,	Land Regulators		•••	144 43,314	•••	144 43,314	144 43,314	144 43,314
G.	Bridges		•••	18,314		18,314	18,314	18,314
К. L .	Buildings Earthwork	***	•••	20,660 3, 58,463		20,360 3,58,463	20,660 3,58,463	20 ,660 3, 58,463
<u>и</u> .	Plantations	/ 4//		1,179		1,179	1,179	1,179
	Total, I	Main Canals and Branches	4	4,42,891	<u></u>	4,42,891	4,42,891	4,42,891
	(<i>3</i>)-	–Distributaries.		= 44				
В.	Land					•••	5 30	•••
C. L.	Works Earthwork	***		28, <mark>268</mark> 14,019	5,5 33 10,610	33,801 24,629	34,356 32,250	28,268
Ö.	Miscellaneous		•••	14,010	1,008	1,003	2,636	•••
		Total, Distributaries	,	42,287	17,151	59,438	69,772	28,268
		Total I.—Works	•••	5,42,148	17,151	5 ,5 9 ,2 99	5,69,633	5 , 28 ,12 9
	II.—	Establishment.						
1. 8	- (2 _n	and Accounts	ro	27,092	857	27.949	te	(26 391
3.	Executive	and veconits		87,840	3,087	27,949 90,927	} 1,21, 1 32	{ 26,391 85,317
		Total Establishment	•••	1,14,932	3,914	1,18,876	1,21,132	1,11,708
	III_T	COOLS AND PLANT	•••	2 ,465		2,465	2,872	2,258
		Grand Total	•••	6,53,545	21,095	6,80,640	6,93,637	6,42,095
	V.—Less Re	eceipts on Capital Account	•••	•••		•••		•••
		Net Outlay	•••	6,59,545	21,095	6,80,640	6,93,637	6,42,095
	A	PPORTIONMENT.						
Cha	argeable to 49	-Irrigation	•••	6,55,074	21,095	6 ,76,1 69	6,89,166	6,37,62 4
	Do. 43.	-Minor Works and Nav	riga-	4,471	•••	4,4 71	4,471	4,471
		Total	•••	6,59,545	21,095	6,80,640	6,93,637	6,42,095

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

Unharwa'h. CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

Receipts.		Total.		Charges.		Total.	
	Previous.	1908-1909.	Total.	Unai ges.	Previous.	1908-1909	. Total.
I.—DIRECT RECEIPTS. 1. Water-rates from Irrigation 5. Plantations 6. Other Canal pro-	Rs. 2,109 569	5		1. Head Works	Rs. 76,10	Rs.	Rs. 76,109
duce 9. Rents of buildings. 10. Fines 11. Miscellaneous receipts	35 1,378 1,249	85		3. Distributaries	27,398 4,219	275	27, 398 4,494
Total	5,340	1,92	7,26	Total	1,07,726	275	1,08,001
II.—Indirect Receipts. Irrigation share of Land Revenue collected in the Civil Department	23,89,615	1,86,198	25, 75 ,81	II.—MAINTENANCE AND REPAIRS. 1. Head Works	3 87	•••	387
Four per cent. on $\frac{9}{10}$ ths of the proceeds from			1111	2. Main Canals and Branches 3. Distributaries	4,33,899 3,025		4,47,819 5,548
sales of occupancy rights per Govern- ment of India Nos. 53 and 58-A.I., dated respectively 20th June and 1st August 1889, communicated in Government Reso- lution No. 1209, dated 10th July, and				Total IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts 3. Executive	27,72 2 47,061		28,434 50,009
(-	39,606 24,29,221 24,34,561		26,18,126	Total	74,783 3,740	3, 660	78,4 4 3 3,74 0
Note.—Loss to the canal on account of difference between assessment of waterrates on Jaghir lands and assessment at the ordinary rates in force for Govern-	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,0,000	- 120,00		6,23,560	20,378	6,43,938
ment lands noted here per Government of India letter No. 233-1., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883. Rs. To end of 1907-1908 9,997 Loss for 1908-1909 1,169				Department Indirect Charges debitable to Revenue Account as per Account No. 5	1,64,052 13,534 8,01,146	512 32,165	14,046 8,33,311
Total11,166					5,3 3,415	,	17,92,080
Grand Total 24	4,34,561	1,90,830	26,25,391	Grand Total 24	1,3 4,5 61	,90,830	26,25,391

N.B.—Construction Estimate closed on 31st March 1891.—Vide Government Resolution No. 1253, dated 28th July 1891.

Completion Report approved in Government Resolution No. 590, dated 6th April 1892.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

Unharwah.

CANAL PROJECT.

		No. 4	-Interest	CANAL I Account fo		end of, 19	08-1909.		
Total Interest charge	s to end o	f 1 907-19		Rs. 4,60,432		nue realize Do.	ed to end o	of 1907- 19 08 1908-1909	Amount. Rs. 16,33,415 1,58,665
Interest charges for	the year 1	908-1909	•••	22,676			st charges		17,92,080 —13,08,972
		Tota	al	4,83,108				Total	4,83,108
	No.	5.—Accou	nt of Ind	irect Char	ges for, an	d to end o	f, 1908-19	09.	
-	3	Particula	rs.				Previous.	1908-1909.	Total.
CAPITAL—			1////		1975		Rs.	Rs.	Rs.
 Capitalized at Leave and Pe 	nsion Allo	of Land Rowances	evenue	:=1		***	1,953 16,091	552	1,9 <i>5</i> 3 16,64 3
REVENUE	•			150	Tota	al	18,044	552	18,596
1. Capitalized at 2. Leave and Per	nsion Allo	of Land R			(/	/	3,0 <mark>64</mark> 10,470	512	3,064 10,98 2
	1				Tota	al	13,534	512	14,046
	No. 6.	-Stateme	nt compar	ing Charge	es to date r	vith sancti	ioned Estin	rates.	1
	CHARGI	es against c Sanctions.			RENT SANOT		Total		
Particulars.	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanc- tioned Estimate.	Unspent balance of Estimate.	charges to date against old and current sanctions.	R	Mabrs.
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Works Establishment Tools and Plant	2,79,267 52,087 481	2,48,862 59,621 1,777	5,28,129 1,11,708 2,258	31,170 7,168	41,504 9,424 614	10,334 2,256 407	5, 5 9, 2 99 1 ,18,876 2, 465	Rs. 23,426 31,701	55,187
Total	3,31,835	3,10,260	6,42,095	38,515	51,54 2	12,997	6,80,640	88 80 80	
Less—Receipts on Capital Account	•••	•••	•••			•••	•••	662 of 29th February 1908 66 4 of 29th February 1908	Total
Net Total	3,31,835	3,10,260	6,42,095	38,545	51,542	12,997	6,80,640	h Fet h Feb	
INDIRECT CHARGES.								of 294	
Capitalized abatement of Land Revenue	1	* 44.	- -					Government Resolution No. 652 of 29th February 1908 Do. 654 of 29th February 1908	
Leave and Pension		1,953	٠,	ł	2,266	2,2 66	1,953	ution	
Allowances	7,293		15,640	1,003	1,319	316	16,643	Resolt Do.	
Total	7,298		17,599	1,003	3,585	2,582	18,596	ment 7	
Grand Total	3,59,128	3,20,560	6,59,688	39,548	55,127	15,579	6,99,236	Govern	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

BEGARI CANALS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

Heads of Account.		Di	RECT CHARGES	i.	Cost of construc- tion as now estimated (con-	Expenditure
acades of Accounts.		Previous.	1908-1909.	Total.	struction estimate closed on 31st March 1891).	against closed estimates.
I.—Works.		Rs.	Rs.	Rs.	Rs.	Rs.
(2)—Main Canals and Branches.		والنبر				
B. Land D. Regulators G. Bridges H. Escapes I. Navigation Works K. Buildings L. Earthwork M. Plantations O. Miscellaneous	•••	409 2,85,169 69,852 7,092 2,065 34,075 10,27,667 11,298 3,710	52,804 798 13,068 57 55	409 3,67,973 70,650 7,092 2,065 34,075 10,40,735 11,355 3,795	14,779 4,09,353 74,484 7,092 2,065 33,830 10,57,071 13,235 4,306	409 1,81,338 66,673 7,092 2,065 22,690 9,30,970 11,266 3,544
Total, Main Canals and Branches	•••	14,41,367	96,782	15,38,149	16,16,215	12,26,047
(3)—Distributaries, A. Preliminary Expenses B. Land C. Works L. Earth-work	•••	3,298 111 1,79,901 10,972	5,2 3 3 1,068 4,254	8,531 111 1,80,969 15,226	9,156 111 1,86,755 10,972	 111 1,79,901 10,97 2
Total, Distributaries	•••	1,94,282	10,555	2,04,837	2,06,994	1,90,984
Total, I-Works	•••	16,35,649	1,07,337	17,42,986	18,23,209	14,17,031
II.—ESTABLISHMENT. 1 & 2. Direction and Accounts 3. Executive	L	65,801 2,18,989	4,547 15 ,503	70,348 2,34,492	3,21,068	\$55,0 36 1,80,83 0
Total, Establishment	•••	2,84,790	20,050	3,04,840	3,21,068	2,35,866
III.—Tools and Plant	•••	6,221	312	6,5 33	10,222	4,666
IV.—Suspense Accounts	•••	1,940	-1,957	-17		•••••
Grand Total	•••	19,28,600	1,25,742	20,54,342	21,54,499	16,57,563
V.—Less Receipts on Capital Accor	nnt.	19	•••	19	19	19
Net Outlay Apportionment.	•••	19,28,581	1,25,742	20,54,323	21,54,480	16,57,544
Chargeable to 49.—Irrigation	•••	19,28,581	1,25,742	20,54,323	21,54,480	16,57,544

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

BEGA'RI CANALS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

_		TOTAL.		01	l	TOTAL,	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
I.—Direct Receipts.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
3. Sales of water	10 ,04,21 8	145			1,255	•••	1,255
5. Plantations6. Other Canal produce.	8,975	$\begin{cases} 32 \\ 135 \end{cases}$	9,142	2. Main Canals and Branches	1,08,826	24,416	1,33,242
9. Rents of buildings. 10. Fines	58 2,864	5 <mark>6</mark> 0	59 8,42 4	Total	1,10,081	24,416	1,34,497
11. Miscellaneous receipts	22,067	700	22,767	II.—Maintenance and Repairs.			
II.—Indirect	10,38,182	44,222	10,82,404	2. Main Canals and Branches	20,71,754	4 5,343	2 1,17,097
RECEIPTS. Irrigation share of Land		7.71		3. Distributaries	13,429	7,239	20,668
Revenue collected in the Civil Department.	1,04,25,204	5,76,443	1,10,01,647	4. Drainage and Protec- tive Works	17,343	•••	17,343
4 per cent. on $\frac{9}{10}$ ths of the proceeds from				Total	21,02,526	52,582	2 1, 55 ,108
sales of occupancy rights per Govern-				IV.—Establishment.			
ment of India Nos. 53 & 58—A. I., duted, respectively, 20th				1 & 2. Direction and Accounts		3,415	1,22,60 2
June and 1st August 1889, communicated				3. Executive	4,14,971	17,517	4,32,488
in Government Reso- lution No. 1209,				Total	5,34,158	20,932	5,55,090
dated 10th July, and No. 1913, dated 7th November 1889		8,871	1,26,481	V.—Tools and Plant	18,384	2, 301	20,685
Total Total, Receipts	1			VI.—REFUNDS OF REVE	tut	e 133	141
NoteLoss to the canal or	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-	Total	27,65,157	1,00,364	28,65,521
account of difference be tween assessment oo water-rates on Jághirland. and also on lands in Khila Territory, and assessmen at the ordinary rates in	f t t			Share of Collection Charges in the Civil Department	8,50,545	35,066	8,85,611
force for Government land noted here per Governmen of India letter No. 2331. dated 14th June 1883, com municated under Govern	t l			Indirect Chargesdebitable to Revenue Account as per Account No. 5		2,930	88,897
ment Resolution No. 400 dated 11th August 1883.	'			Total, Charges	37,∪ 1, 669	1,38,360	38,40,029
Rs. To end of 1907-1908, 15,25,18 Loss for 1908-1909. 80,89				Balance Net Revenue	78,79,827	4,90,676	s3,70, 50 3
Total16,06,08.		# 90 oc		4			
Grand Total	1,15,81,496	6,29,036	1,22,10,532	Grand Total	1,15,81,496	6,29,0 3 5	1,23,10,532

N.B.—Construction Estimate closed on 31st March 1891.—Vide Government Resolution No. 1253, dated 28th July 1891.

Completion Report approved in Government Resolution No. 753, dated 11th May 1892.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

BEGA'RI CANALS.

CANAL PROJECT.

No. 4. - Interest Account for, and to end of, 1908-1909.

			Amount	t ¯					Amount.
			Rs					Ì	Rs.
Total, Interest charges t	o end of 19	07-08.	22, 56,8		et Revenu Do.		to end of 1 uring 190		78,79,82 4,90,67
Interest charges for the	year 1 908	3 -1 903	67,		alance net	Interest c	Interest charges		83,70,503 60,46,21
	Tot	al	23,24,2	286			To	otal	23,24,28
Λ	o. 5 Acc	count of	Indirect	Charges	for, and	to end of,	1908-1909),	
	Partie	ulars.				Previous.	1908	3-1909.	Total.
CAPITAL— 1. Capitalized abat 2. Leave and Pens			evenue	•••		Rs. 5,19 50,91	5	Rs. 2,807	Rs. 5,19: 53,71
REVENUE—			'4/ t	To	otal	56,10)5	2,807	58,91
Capitalized abatem Leave and Pension			enue .			8 5 ,96	33	2, 930	88,8 9
			No.	T	otal	85,96	37	2,930	88,897
No.	6.—Statem	rent con	nparing C	harg es 1	to date wit	h sanction	ed Estima	tes.	
	CHARGES S.	AGAINST ANCTIONS		Ct	JRRENT SANC	TIONS.			
Particulars.	Expenditure against construction	Expendi- ture against Open Capital		Charges to date.	Amount of sauctioned Estimate.	Unspent balance of Esti-	Total charges to date against old and current Sanctions.	R	BMARKS.
DIRECT CHARGES.	Expenditure against construction Estimate.	Expenditure against Open Capital Sanctions.	Total.	Charges to date.	Amount of sauctioned Estimate.	Unspent balance of Estimates.	charges to date against old and current Sanctions.	te	BMARKS.
DIRECT CHARGES. Works Establishment Cools and Plant Suspense Accounts	Expenditure against construction Estimate. Rs. 13,91,068 2,29,894 4,666	Expenditure against Open Capital Sanctions. Rs. 25,963 5,972	Rs. 14,17,031 2,35,866 4,666	Charges to date. Rs. 3,25,955663,9741,867—17	Amount of sauctioned Estimate. Rs. 4,06,178 85,202 5,556	Unspent balance of Estimates. Rs. 80,223 16,228 3,689 17	Rs. 17,42,986 3,01,840 6,533 —17	Rs.	2,43,887
DIRECT CHARGES. Works Establishment Tools and Plant Suspense Accounts Total	Expenditure against construction Estimate. Rs. 13,91,068 2,29,894 4,666	Expenditure against Open Capital Sanctions. Rs. 25,963 5,972	Rs. 14,17,031 2,35,866 4,666	Charges to date. Rs. 3,25,955663,9741,867—17	Amount of sauctioned Estimate. Rs. 4,06,178 85,202 5,556	Unspent balance of Estimates. Rs. 80,223 16,228 3,689 17	charges to date against old and current Sanctions. Rs. 17,42,986 3,01,840 6,533	Rs.	ch 1908, of 28th 2,43,887
DIRECT CHARGES. Works Establishment Cools and Plant Suspense Accounts Total	Expenditure against construction Estimate. Rs. 13,91,068 2,29,894 4,666	Expenditure against Open Capital Sanctions. Rs. 25,963 5,972	Rs. 14,17,031 2,35,866 4,666	Charges to date. Rs. 3,25,955 63,974 1,867 —17 3,96,779	Amount of sauctioned Estimate. Rs. 4,06,178 85,202 5,556	Unspent balance of Estimates. Rs. 80,223 16,228 3,689 17	Rs. 17,42,986 3,01,840 6,533 —17	Rs.	3rd March 1908, 7. 1967 of 28th 2,43,887 Total 5,3°,801
DIRECT CHARGES. Vorks Establishment Cools and Plant suspense Accounts Total Coss—Receipts on Capital Account	Expenditure against construction Estimate. Rs. 13,91,068 2,29,894 4,666 16,25,628	Expenditure against Open Capital Sanctions. Rs. 25,963 5,972	Rs. 14,17,031 2,35,866 4,666 16,57,563	Rs. 3,25,955 68,974 1,867 —17	Amount of sauctioned Estimate. Rs. 4,06,178 85,202 5,556	Unspent balance of Estimates. Rs. 80,223 16,228 3,689 17 1,00,157	Rs. 17,42,986 3,01,840 6,533 —17	Rs.	W. I. 967 of 28th 2,43,887 Total 5,3 × 501
DIRECT CHARGES. Works Establishment Cools and Plant Suspense Accounts Total Cess—Receipts on Capital Account Net Total	Expenditure against construction Estimate. Rs. 13,91,068 2,29,894 4,666 16,25,628	Expenditure against Open Capital Sanctions. Rs. 25,963 5,972	Rs. 14,17,031 2,35,866 4,666 16,57,563	Rs. 3,25,955 68,974 1,867 —17	Amount of sauctioned Estimate. Rs. 4,06,178 85,202 5,556	Unspent balance of Estimates. Rs. 80,223 16,228 3,689 17 1,00,157	Rs. 17,42,986 3,01,840 6,533 —17 20,54,342	Rs.	580-I of 3rd March 1908, on No. W. 1967 of 28th 2,43,887 Total 5,38,801
DIRECT CHARGES. Works Establishment Fools and Plant Suspense Accounts Total Capital Account Net Total Indirect Charges. Capitalized abatement of Land Revenue	Expenditure against construction Estimate. Rs. 13,91,068 2,29,894 4,666 16,25,628	Expenditure against Open Capital Sanctions. Rs. 25,963 5,972	Rs. 14,17,031 2,35,866 4,666 16,57,563	Rs. 3,25,955 68,974 1,867 —17 3,96,779	Amount of sauctioned Estimate. Rs. 4,06,178 85,202 5,556	Unspent balance of Estimates. Rs. 80,223 16,228 3,689 17 1,00,157	Rs. 17,42,986 3,01,840 6,533 —17 20,54,342	Rs.	580-I of 3rd March 1908, on No. W. 1967 of 28th 2,43,887 Total 5,38,801
DIRECT CHARGES. Works Establishment Fools and Plant Suspense Accounts Total Capital Account Net Total Indirect Charges. Capitalized abatement	Expenditure against construction Estimate. Rs. 13,91,068 2,29,894 4,666 16,25,628	Expenditure against Open Capital Sanctions. Rs. 25,963 5,972	Rs. 14,17,031 2,35,866 4,666 16,57,563	Charges to date. Rs. 3,25,955 68,974 1,867 —17 3,96,779	Amount of sauctioned Estimate. Rs. 4,06,178 85,202 5,556	Unspent balance of Estimates. Rs. 80,223 16,228 3,689 17 1,00,157	Rs. 17,42,986 3,04,840 6,533 —17 20,54,342	Rs.	580-I of 3rd March 1908, on No. W. 1967 of 28th 2,43,887 Total 5,38,801
DIRECT CHARGES. Works Establishment Fools and Plant Suspense Accounts Total Less—Receipts on Capital Account Net Total INDIRECT CHARGES. Capitalized abatement of Land Revenue Leave and Peusion	Expenditure against construction Estimate. Rs. 13,91,068 2,29,894 4,666 16,25,628 19 16,25,609	Expenditure against Open Capital Sanctions. Rs. 25,963 5,972	Rs. 14,17,031 2,35,866 4,666 19 16,57,544	Charges to date. Rs. 3,25,955 68,974 1,867 —17 3,96,779 9,657	Amount of sauctioned Estimate. Rs. 4,06,178 85,202 5,556 4,96,936 29,937 11,925	Unspent balance of Estimates. Rs. 80,223 16,228 3,689 17 1,00,157	Rs. 17,42,986 3,01,840 6,533 —17 20,54,342	Ra. 17th March 1906, W. I1388 of 15th	W. I. 967 of 28th 2,343,887 Total 5,34,801

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

MAHIWAH.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

			Dr	RECT CHARGES.		Cost of	Expenditure
Heads of	Account.		Previous.	1908-1909.	Total.	construction as now estimated.	against close estimates.
		-	Rs.	Rs.	Rs.	Rs.	Rs.
I.—V	orks.						
(2)—Main Cana	ls and Branches.		7.1				
B. Land	•••		60,578	•••	60,573	4 6,875	*****
D. Regulators			1,40,426		1,40,426	1,18,134	*****
E. Falls and Weirs			6,261	***	6,261	6,254	•••••
3. Bridges			47,408	***	47,408	29,878	*****
K.Buildings 📁			34,288	***	34,288	34,316	•••••
. Earthwork	•••	•••	3,82,564	***	3,82,564	2,84,006	******
			///				
Total, Main Canal	s and Branches	•••	6,71,520		6,71,520	5,19,463	*****
(3)— <i>Dist</i>	ributaries.			111111			
O TIT. I			67 009	41////	67,682	51,080	
C. Works L. Earth-work			67,682 80,121		80,121	*****	*****
	201111	•••	1.47,803		1,47,803	51,080	
 		-				1	
(4)—Drainage and	l Protective Work	8.	-31				
B. Land	•••	•••	4,210	•••	4,210	9,475	*****
C. Works	•••	•••	5 0,9 5 4	• • •	50,954	24,012	•••••
L. Earthwork	•••	•••	2,04,631	•••	2,04,631	1,60,719	*****
Total, Drainage an	d Protective Wor	ks.	2,59,795	•••	2,59,795	1,94,206	••••
Т	otal, I.—Works	•••	10,79,118	•••	10,79,118	7,64,749	
II.—Esta	BLISHMENT.	Я	vat	Ins	ST1TI	ite	
1 & 2. Direction a	nd Accounts	•	50,704		50,704	35,120	
3. Executive	•••	•••	1,82,534		1,82,534	1,26,432	
•			, ,				
Tota	l, Establishment	•••	2 ,33, 238		2,33,238	1,61,552	••••
III.—Tools And	PLANT	•••	9,100	400	9,500	10,536	••••
	Grand Total	•••	13,21,456	400	13,21,856	9,36,837	••••
V.—Less Receipts	on Capital Accou	ant.	6	•••	6	••••	
	Net outlay	•••	13,21,450	400	13 ,21,850	9,36,837	••••
APPOR	TIONMENT.						-
Chargeable to 49	-Irrigation	•••	13,21,450	400	13,21,850	9,36,837	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

MAHIWAH.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

Receipts.		Total.				Total.	`
receips,	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
I.—DIRECT RECEIPTS. 1. Water-rates from Irrigation	Rs.				Rs.	Rs.	Rs.
5. Plantations 6. Other canal produce 9. Rents of buildings. 10. Fines	237 620 305 6	128	237 748 316	2. Main Canals and	59,885	1,821	61,706
11. Miscellaneous receipts	711	2,027		3. Distributaries	157	3,822	3,979
Total	3,558			II.—MAINTENANCE AND	00,042	0,040	00,000
II.—INDIRECT RECEIPTS. Irrigation share of Land		z-/.		REPAIRS. 2. Main Canals and Branches	1,93,210	37,064	2,30,274
Revenue collected in the Civil Department	3,52,559	1,30,434	4,82, 993	IV.—Establishment.			
4 per cent, on 9/10 the of the proceeds from sales of occupancy rights per Govern-			1	1 & 2. Direction and Accounts	10,235	1,783	12,018
ment of India Nos. 53 and 58-A. I., dated, respectively, 20th June and 1st August 1889, communicated				3. Executive Total	—13,409 —3,174	-2,835 -1,052	-16,244 4,226
in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th				V.—Tools and Plant	—210	—19 6	-406
November 1889 Total	17,097 3,69,656	.2,195 1,32,629		Total •••	2,49, 868	41,459	2,91,327
Total, Receipts Note.—Loss to the canal on account of difference be-	3,73,214	1,35,123	5,08,337	Share of Collection Charges in the Civil Department	14, 686	7,82 8	22,514
tween assessment of water- rates on Jaghir lands and assessment at the ordinary rates in force for Gov- ernment lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, com-		-		Indirect Charges debit- able to Revenue Ac- count as per Account No. 5	385	147	532
municated under Govern- ment Resolution No. 400, dated 11th August 1883. Rs. To end of 1907-1908 30,502	`			Total Charges	2,64,16 9	, i	3,13,309
Loss for 1908-1909 9,263 Total 39,765				Balance Net Revenue	1,09.045		1,95,028
Grand Total	3,73,214	1, 35,123	5, 08 ,3 37	Grand Total	3,73,214	1,35,123	5,08,337

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

MAHIWAH.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1908-1909.

			Amo	ount.				Amount.
	•					•		Rs.
Total Interest charges	to and of 1	1007 1008		Rs. Net 1	revenue reali Do.	ized to end o	f 1907-1908 1908-1909	1,09,045 85,983
Interest charges for the				4,725				1,95,028
interest charges for the	yoar rooc	Total		6,495 Balar	nce net Inte	rest charges		1, 21,467
					7 4 7	-6 1008 100	Total	3,16,495
		-Account of	of Indirect	t Charges for	, and to ena	Previous.	1908-1909.	Total.
						Rs.	Rs.	Rs.
CAPITAL— 1. Capitalized abs 2. Leave and Per	tement of sion Allov	Land Revo	enue	•••		24,638 32,653	11	İ
					Total	57,291	1:	57,302
REVENUE— 1. Capitalized about 2. Leave and Pen					•	61 -446		61 7 —593
2. Leave and Pen	SIOU AHOW	ances	Illin		////			_
					Total	- 385	-147	—53 2
	No. 6.—	S tat em e nt (comparing	Charge <mark>s</mark> to	date with sa	nctioned Est	imates	
	1	Statement of			date with sa		Total	
Particulars.	1	Expendi-						Remarks.
DIRECT CHARGES. Works	Expenditure against construction	Expendi- ture against open Capital	D SANCTIONS	Charges to date. Rs.	Amount of sauctioned Estimate. Rs. 7,64,749	Unspent balance of Estimate. Rs. 3,14,369	Total charges to date against old and current sanctions. Rs.	Remarks.
DIRECT CHARGES.	Expenditure against construction Estimate.	Expenditure against open (apital sanctions.	D SANCTIONS Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate. Rs. -3,14,369 -71,686	Total charges to date against old and current sanctions.	}
DIRECT CHARGES. Works Establishment	Expenditure against construction Estimate.	Expenditure against open Capital sauctions.	Total. Rs.	Customark Charges to date. Rs	Amount of sanctioned Estimate. Rs. 7,64,749 1,61,552	Unspent balance of Estimate. Rs. -3,14,369 -71,686	Total charges to date against old and current sanctions. Rs. 10,79,118 2,33,238	}
DIRECT CHARGES. Works Establishment Tools and Plant	Expenditure against construction Estimate.	Expenditure against open Capital sauctions.	Total. Rs.	Customark Charges to date. Rs	Amount of sanctioned Estimate. Rs. 7,64,749 1,61,552 10,536	Rs3,14,369 -71,686 1,036	Total charges to date against old and current sanctions. Rs. 10,79,118 2,33,238 9,500	}
DIRECT CHARGES. Works Establishment Tools and Plant Total Less—Receipts on Capi	Expenditure against construction Estimate.	Expenditure against open Capital sauctions.	Total. Rs.	Ct. Charges to date. Rs. 10,79,118 2,33,238 9,500 13,21,856	Amount of sanctioned Estimate. Rs. 7,64,749 1,61,552 10,536 9,36,837	Rs3,14,369 -71,686 1,036	Total charges to date against old and current sanctions. Rs. 10,79,118 2,33,238 9,500 13,21,856	}
DIRECT CHARGES. Works Establishment Tools and Plant Total Less—Receipts on Capital Account	Expenditure against construction Estimate.	Expenditure against open Capital sauctions.	Total. Rs	Co. Charges to date. Rs. 10,79,118 2,33,238 9,500 13,21,856	Amount of sanctioned Estimate. Rs. 7,64,749 1,61,552 10,536 9,36,837	Rs3,14,369 -71,686 1,036 -3,85,019	Total charges to date against old and current sanctions. Rs. 10,79,118 2,33,238 9,500 13,21,856	}
DIRECT CHARGES. Works Establishment Tools and Plant Total Less—Receipts on Capi tal Account Net Total	Expenditure against construction Estimate.	Expenditure against open Capital sauctions.	Total. Rs	Co. Charges to date. Rs. 10,79,118 2,33,238 9,500 13,21,856 6 13,21,850	Amount of sanctioned Estimate. Rs. 7,64,749 1,61,552 10,536 9,36,837 9,36,837	Rs3,14,369 -71,686 1,036 -3,85,019	Total charges to date against old and current sanctions. Rs. 10,79,118 2,33,238 9,500 13,21,856	}
DIRECT CHARGES. Works Establishment Tools and Plant Total Less—Receipts on Capital Account Net Total Indirect Charges. Capitalized abatement of Land Revenue Leave and Pension Allowances	Expenditure against construction Estimate.	Expenditure against open Capital sauctions.	Rs.	Condition Charges to date. Rs. 10,79,118 2,33,238 9,500 13,21,856 6 13,21,850 24,649 32,653	Amount of sanctioned Estimate. Rs. 7,64,749 1,61,552 10,536 9,36,837 9,36,837	Rs. -3,14,369 -71,686 1,036 -3,85,019 -6 -3,85,013	Total charges to date against old and current sanctions. Rs. 10,79,118 2,33,238 9,500 13,21,856 6 13,21,850)
DIRECT CHARGES. Works Establishment Total Total Less—Receipts on Capital Account Net Total Indirect Charges. Capitalized abatement of Land Revenue Leave and Pension Al	Expenditure against construction Estimate. Rs.	Expenditure against open Capital sauctions.	Rs.	Co. Charges to date. Rs. 10,79,118 2,33,238 9,500 13,21,856 6 13,21,850	Amount of sanctioned Estimate. Rs. 7,64,749 1,61,552 10,536 9,36,837 9,36,837	Rs3,14,369 -71,686 1,036 -3,85,019 -6 -3,85,013	Total charges to date against old and current sanctions. Rs. 10,79,118 2,33,238 9,500 13,21,856 6 13,21,850	000 24 000

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

EASTERN NA'RA WORKS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

	Heads of A	ccount		D	IRBOT CHARGES	S.	Cost of construction as now estimated	Expenditure
	neads of A	CCOURT		Previous.	1908-1909.	Total.	(Construction Estimate closed on 31st March 1898).	against closed estimates.
	I.—Wo			Rs.	Rs.	Rs.	Rs.	Rs.
	(1)—Head	Works.	İ	ļ	1			
В.	Land	•••		1,638		1,638	1,638	1,638
C.	Works	•••	•••	12,33,300	***	12,33,300	12,33,300	12,33,300
K.	Buildings	•••	•••	1,862	•••	1,862	1,862	1,862
	Total,	Head Works		12,36,800		12,36,800	12,36,800	12,36,800
	(2)—Main Cana	ls and Branche	8.					
A.	Preliminary Exp	enses	•••	1,075		1,075	1,075	1,075
D.	Regulators	***		2,57,662	6	2,57,668	2,57,668	2,57, 668
G.	Bridges	***	• • •	1,61,703		1,61,703	1,61,703	1,61,703
Η.	Escapes		•••	45,632		45,632	45,632	45,632
K.	Buildings	•••	•••	82,406		82,406	82,406	82,406
L.	Earthwork	***	***	7,66,537		7,66,537	7,66,537	7,66,537
М.	Plantations		•••	16,742		16,742	16,742	16,742
N. O.	Tanks and Rese Miscellaneous		•••	1,441 $32,121$	***	1,441	1,441	1,441
		***	-			32,121	32,121	32,121
Tot	al, Main Canals a (3)-Distri		***	13,65,319	6	13,65,325	13,65,325	13,65,325
,	• (007				_
À.	Preliminary Exp	enses	••	201	•••	201	201	201
C. L.	Works Earthwork	***	***	2,30,575	•••	2 ,30, 5 75	2,30,575	2,30,575
Ö.	Miscellaneous	•••	***	19,513 9, 4 59	176	19,513 9,635	19,513 9,635	1 9,513 9,63 5
	Total,	Distributaries		2,59,748	176	2,59,924	2,59,924	2,59,924
(4)-	-Drainage and]-				2,50,021	
` '				20,626	1//190	95 05 (E7 067	3.017
А. В.	Preliminary Ex-	репзез	•	2,832	14,428	35,054	57,06 7 2,832	12,91 7 2,832
Ĉ.	Works	•••		2,36,572	•••	2,832 2,3 6,5 7 2	2,36,572	2,36,572
L.	Earthwork	•••		20,29,845	•••	20,29,845	20,29,845	20,29,845
0.	\mathbf{M} iscellaneous	•••		425	•••	425	425	425
Tot	al, Drainage and	Protective Wor	ks.	22,90,300	14,428	23,04,728	23,26,741	22,82,591
	Tot	al, IWorks		51,52,167	14,610	51,66,777	51,88,790	51,44,640
	II.—ESTABL	ISHMENT.	-				02,00,000	
1 &	2. Direction and	Accounts	}	2,62,891	721	2,63,612	1	C 262505
	Executive			10,03,119	20,283	10,23,402	12,86,898	
	Total,	Establishment		12,66,010	21,004	12,87,014	12,86,898	12,60,263
Ш	.—Tools and Pl	ANT	•••	66,189	1,472	67,961	68,743	61,778
		Grand Total	•••	64,84,66 6	37,086	65,21,752	65,44,431	6 4,60,381
V	Less Receipts	on Capital Accou	unt	176	•••	176	176	176
	-	Net Outlay		64,84,490	37,086	65,21,576	65,44,255	64,66,505
	APPORT10	•	1-					
(II)			1	10.01	a	4		4.5.5.
Uh:	argeable to 49.—I	rrigation	•••	40,94,700	37, 086	41,31,786	41,54,465	40,76,715
3	Do. to 43.—. Navigation	Minor Works a	ind	23,89,790	•••	23,89,790	23,89,790	2 3,89,790
		Total		64,84,490	37,086	65,21,576	65,44,255	64,66,505

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

EASTERN NÁRA WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.		Changes		Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	4,17,339	764		1. Head Works	100	•••	100
8. Sales of water5. Plantations6. Other Canal Pro-	1,032	$\int_{1,108}^{190}$	\ -,	2. Main Canals and Branches 3. Distributaries	97,416 415		97,416 415
duce 8. Navigation	131 473	15,052	131 493	4. Drainage and Protective Works	34,712	35,365	70,077
9. Rents of buildings 10. Fines 11. Miscellaneous re-	31,688	450	32,13 8	Total	1,3 2,643	35,365	1,68,008
ceipts	4,86,646	14,070	5,00,716	II.—Maintenance and Repairs.			
	10,87,182	31,654	11,18,836	1. Head Works 2. Main Canals and Branches	1,31,702 13,56,320		1,37,008 14,50,079
II.—Indirect Rece <mark>ipts</mark> Irrigation share of L <mark>and</mark>			التأ	3. Distributaries 4. Drainage and Protect-	40,515	9,392	49,907
Revenue collected in the Civil Department.		5,87, 2 30	1,51,40,281	ive Works Unclassifiable outlay	5,73,239 5,36,057		5,93,186 5,86,057
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Gov- ernment of India Nos. 53			-Ā	IV.—Establishment.		1,28,404	27,66,237
and 58-A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolu-				Accounts 3. Executive	1 60 459		1,80,622 9,70,461
tion No. 1209, dated 10th July, and No. 1913, dated 7th November 1889		2,346	13,283	Total	10,97,008	54,075	11,51,083
Total	1,45,63,988	5,89, 576	1,51,53,564	V.—Tools and Plant	30,868	1,966	32,834
Total, Receipta	1,56,51,170	6,21, 230	1,62,72,400	VI.—REFUNDS OF REVENUE	8,042	е	8,042
Note.—Loss to the canal or account of difference be- tween assessment of water	-[Suspense Account	411	-14	270
rates on Jaghir lands and assessment at the ordinary rates in force for Govern	1			Total Share of Collection	39,06,805	2,19,669	11,26,474
ment lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under	r			Charges in the Civi		35,80	12,74,561
Government Resolution No. 400, dated 11th Augus 1883. Rs. To end of 1907-1908, 3,93,60	t			Indirect Charges debit able to Revenue Ac count as per Accoun No. 5	- t		1 PM 01
Loss for 1908-1909 27,78 Total 4,21,39	-			Total, Charges	1,80,24	-	1,87,817 2 55.88.852
**************************************	-			Balance Net Revenue	1		1
Grand Total	1,56,51,17	6,21,23	1,62,72,40			-	0 1,62,72,40

N.B.—Construction Estimate closed on 31st March 1898—ride Government Resolution No. 1766, dated 18th November 1895. Completion Report approved in Government Resolution No. 438, dated 17th February 1902.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

EASTERN NA'RA WORKS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1908-1909.

			Amo	unt.				Amount.
tal Interest char terest charges fo			78,97	0,063	Do.	realized to	o end of 190 luring 1908-1 charges	Rs. 1,03,25,36 1,06,83,54 25,65,53 Total 81,18,01
	No	o. 5.—Account	of Indirec	t Charges	for, and t	o end of,	1908-1909.	
	Pa	rticulars.			Prev	ious.	1908-1909.	Total
PITAL— 1. Capitalized 2. Leave and	abatement Pension A	of Land Rev	enue			Rs. 2,669 21,194	Rs. 2,94	Rs. 2,669 2,24,135
VENUE-			T	otal	2,	23,863	2,94	2,26,804
1. Capitalized 2. Leave and	abate <mark>ment</mark> Pension Al	of Land Rev lowances	enue	•	1,	80,245	7,570	1,87,815
			Т	otal	1,	80,247	7,570	1,87,817
	No. 6.	.—Statement c	comparing	Charges to	date wit	h sanction	ed Estimates.	·
Particulars.	Expenditure against construction Estimate.	GES ACAINST CLO SANCTIONS. Expenditure against open Capital sanctions.	Total.	Curr Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.	Total charges to date against old and current sanctions.	Remarks.
					Estimate.			
RECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Bs.	Rs.	
orks	48,30,172 11,84,114	Rs. 3,14,468 76,149 10,898	Rs. 51,44,640 12,60,263 61,778	22,137 26,751		Bs. 22,013116 782	Rs. 51,66,777 12,87,014 67,961	· Gove with mount
orks cablishment ols and Plant	48,30,172 11,84,114	3 ,14,468 7 6,149	51,44,640 12,60,263	22,137 26,751	Rs. 44,150 26,635	22,013 —116	51,66,777 12,87,014	<i>9</i> ≈ a.
Total Capital Account.	48,30,172 11,84,114 50,880 60,65,166	3,14,468 76,149 10,898	51,44,640 12,60,263 61,778	22,137 26,751 6,183	Rs. 44,150 26,635 6,965	22,013 116 782	51,66,777 12,87,014 67,961	<i>9</i> ≈ a.
Total Capital Account.	48,30,172 11,84,114 50,880 60,65,166	3,14,468 76,149 10,898 4,01,515	51,44,640 12,60,263 61,778 64,66,681	22,137 26,751 6,183 55,071	Rs. 44,150 26,635 6,965 77,750	22,013 116 782 	51,66,777 12,87,014 67,961 65,21,752	2 z d .
Total Receipts on Capital Account.	48,30,172 11,84,114 50,880 60,65,166 179 60,64,987	3,14,468 76,149 10,898 4,01,515	51,44,640 12,60,263 61,778 64,66,681	22,137 26,751 6,183 55,071	Rs. 44,150 26,635 6,965 77,750	22,013 116 782 22,679	51,66,777 12,87,014 67,961 65,21,752	<i>9</i> ≈ a.
Total Total Total Total Total Net Total DIRECT CHARGES. pitalized abatement of Land Revenue ave and Pension	48,30,172 11,84,114 50,880 60,65,166 179 60,64,987	3,14,468 76,149 10,898 4,01,515	51,44,640 12,60,263 61,778 64,66,681	22,137 26,751 6,183 55,071	Rs. 44,150 26,635 6,965 77,750	22,013 116 782 22,679	51,66,777 12,87,014 67,961 65,21,752	9 2 E .
Total Total Total Total Total Net Total DIRECT CHARGES. pitalized abate-	48,30,172 11,84,114 50,880 60,65,166 	3,14,468 76,149 10,898 4,01,515 —3 4,01,518	51,44,640 12,60,263 61,778 64,66,681 176 64,66,50£	22,137 26,751 6,183 55,071 55,071	Rs. 44,150 26,635 6,965 77,750 77,750	22,013 116 782 22,679 22,679	51,66,777 12,87,014 67,961 65,21,752 176 65,21,576	I. of 26th February 1908, side id March 1908, Ra. 81,479, int of surveys in connection . Nára an estimate for which an id to Government.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

Jámráo Canal.

Canal Project.

No. 2.—Capital Account for, and to end of, 1908-1909.

			-	D	RECT CHARGES	•	Cost of Con- struction as now estimated	Expenditure
	Heads (of Account,		Previous.	1908-1909.	Totsl.	(Construction estimate closed on 31st March 1902).	against closed estimates.
· · · · · · ·	I	-Works.		Rs.	Rs.	Rs.	Rs.	Rs.
	(1)—1	Tead Works.						
A.	Preliminary Exp	oenses		1,740	***	1,740	1,740	1,740
C.	Works			13,72,526	***	13,72,526	13,72,526	13,72,526
K.	Buildings	1+1		8 6, 4 80		36 ,4 80	3 6,480	36,480
Ο,	Miscellaneous	(////		30,342	•••	30,342	30,342	30, 342
P.	Maintenance		•	11,046	•	11,046	11,046	11,046
		Total, Head Works		14,52,134	/	14,52,134	14,52,134	14,52,134
	(2)—Main Co	inals and Branches.						
A.	Preliminary Ex	penses	•••	32,466	•••	32,466	32,466	32,466
В.	Land	•••	•••	25,2 69	444	25,2 69	25,269	25,269
D,	Regulators	•••		3,03,238	5,036	3,08,274	3,24,949	3,03,238
E.	Falls and Weir	s	•••	85,625	•••	85,625	85,625	85,625
F (1). Other Cross D	rainage Works	•••	1,83,594	•••	1,83,594	1,83,594	1,8 3, 5 94
G.	Bridges	ıl Hav	78	1,71,475	nst	1,71,475	1,71,475	1,71,475
н.	Escapes	/	•••	44,222		44,222	44,222	44,222
K.	Buildings	•••	•••	3,05,893	10,145	3,16,038	3,16,038	3,16,038
L.	Earthwork	•••	•••	25,26,346	•••	25,26,346	25,26,346	25,26,346
M.	Plantations	***	•••	45,869	•••	45,869	45,869	45,869
0,	Miscellaneous	•••	•••	57,290	•••	57,290	57,290	5 7,2 90
P.	Maintenance	•••	•••	26,088		26,088	26,088	26 ,0 88
	Total, Mai	n Canals and Branches	•••	3 8,07 ,37 5	15,181	38,22,556	38,39,231	38,17,520
		Carried over	•••	52,59,509	15,181	52,74,690	52,91,365	52,69,654

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

				D	IRECT CHARGE	19.	Cost of Con- struction as now estimated	Expenditure	
~	Heads of	Account.		Previous.	1 90 8- 1 909.	Total.	(Construction estimate closed on 31st March 1902).	against closed estimates.	
		Brought forward	•••	Rs. 52,59,509	Rs. 15,181	Rs. 52,74,690	Rs. 52,91,365	Rs. 52,69,654	
	IWORKS	-continued.							
	(3)— $Dist$	ributa <mark>ries.</mark>					,	i	
A. B. C. L. O. P.	Preliminary Expens Land Works Earthwork Miscellaneous Maintenance	es		9,165 3,244 3,16,318 5,17,583 2,25,562 10,041	1,109 39,037 —35,283	9,165 3,244 3,17,427 5,56,620 1,90,279 10,041	9,165 3,244 3,29,979 5,59,308 1,90,279 10,041	3,244 3, 1 7,427	
	Т	otal, Distributaries		10,81,913	4,863	10,86,776	11,02,016	10,48,262	
`	(4)—Drainage and								
A. C.	Preliminary Expens Works		•••	363 10,271	12,126	363 22,397	363 24,059	36 3 10,271	
L.	Farthwork	***	•••	16,397	3,115	19,512	31,864	16,397	
0.	Miscellaneous	•••	•••	9,134	•••	9,134	9,134	9,134	
•	Total, Drainage and	l Protective Works	440	- <mark>3</mark> 6, 1 65	15,241	51,406	65,420	36,1 65	
		Total, IWorks		63,77,587	35,285	64,12,872	64,58,801	63,54,081	
	II.—Establ	LISHMENT.							
1 & 3. 4. 5.	2. Direction and A Executive Medical Special Survey	fulH	2	3,08,828 10,05,984 8,453 8,947	3,528 12,702 	3,12,356 10,18,686 8,453 8,947	} 13,59,007	$\begin{cases} 3,09,417 \\ 10,08,104 \\ 8,453 \\ 8,947 \end{cases}$	
٠	Т	otal, Establishment	•••	13,32,212	16,230	13,48,442	13,59,007	13,34,921	
III.	-Tools and Plant	***	•••	1,67,815	1,059	1,68,874	1,69,5 63	1,67,992	
IV.	-Suspense Account	·	•••	4,606	***	4,606	4,606	4,6 06	
		Grand Total	• • •	78,82,220	52,574	79,34,794	79,91,977	78,61,600	
V	-Less-Receipts on C	apital Account	•••	981	•••	981	981	981	
₹3	Apportio	Net Outlay	•••	78,81,239	52, 57 4	79,83,813	79,90,996	78,60,619	
Cha	rgeable to 49.—Irrig	ation	•••	78,81,239	52,574	79,33,813	79,90,996	78,60.619	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

JA'MRA'O CANAL.

Canal Project.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.				Total.	
Reccipts.	Previous.	1908-1909.	Total.	Charges.	Previous	1908-1909.	Total
L.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation 3. Sales of water 6. Plantations	4,49,930 80 1,854	•••	4,54 ,117 80 2 ,012	2. Main Canals and Branches	4,718 1,463	319	4,718 1,782
6. Other canal pro-	13,957		15,175	Total	6,181	319	6,500
7. Water-power 9. Rents of buildings 0. Fines 11. Miscellaneous re	40,628	696 8,119	10.	II.— MAINTENANCE AND REPAIRS.		r	J.
ceipts				1. Head Works	29,709	3,254	32,963
Total		16,101	5,42 ,4 94	Branches 3. Distributaries	4,74,413 5,14,051		
II.—Indirect Recei <mark>pts</mark>	100		Y/E	4. Drainage and Pro- tective Works	1,024	•••	1,024
Irrigation share of Lan Revenue collected in the Civil Department	מ	5 4,35,574	47,32,779		10,19,197	2,08,690	12,27,887
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Go ernment of India Nos. 6 and 58-A.I., dated, respectively, 20th June and 1 August 1889, communication Government Resolution Nos. 1209, dated 10th Juned No. 1913, dated 7 November 1889	of v- i3 t- st on y,	3 6,88	5 1,92,03	IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts 3. Executive Total	60,671	1,16,962	
	44,52,35	9 4,72,45	9 49,24,81	V.—Tools and Plant	. 24,71	1,382	26,096
Total Receipts	49,78,78	4,88,56	0 54,67,31	Suspense account	22,47	1,626	24,101
Note. Loss to the canal account of difference	on oe-		}	Total .	18,16,53	3,42,83	21,59,366
tween assessment of wat rates on Jaghir lands a assessment at the ordina rates in force for Cove ment lands noted here Government of India Let No. 233-L, dated 1 kth Ja 1883, communicated un	er- nd ury rn- per ter ine			Share of Collectio Charges in the Civ Department	il	0 13,43	5 1,57,495
Government Resolut No. 400, dated 11th Aug 1883. To end of 1907-1908. 96.	ion ust			Indirect Charges debi able to Revenue A count as per Accoun No. 5	c- nt	56 1 8,31	4 1,22,470
Total 1,05,				Total Charges	20,64,74	8,74,58	24,39,331
			-	- Balance Net Revenue	29,14,00	1,13,97	8 30,27,981
Grand Total	49,78,7	52 4,88,5	60 54.67.3	Grand Total	49 78 7	12 4 88 54	054 67 91

N. B.—Construction Estimate closed on 31st March 1902—ride Government Resolution No. 1796, dated 28th August 1901.

Completion Report approved in Government Resolution No. 1706, dated 30th June 1906.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

Ja'mra'o Canal. CANAL PROJECT.

and the second s	N	o. 4.—Inte	rest Accoun	t for, and	-	1 908-190 9 .			
Total Interest charges			Rs. 30,36,99		evenue rea Do.		of 1907-190 1908-190 9	8	Rs. 29,14,003 1,13,978
Interest charges for th	ie year 1908	-1909	2,67,59		ce net Inte	erest charge	s	•••	30,27,981 2, 76,609
		Total	33,04,59	00			Total	•••	33,04,590
	No. 5.—	-Account o	f Indirect C	ha <mark>r</mark> ges for,	and to en	d of, 1908-1	909.		
	Par	ticulars.				Previous.	1908-190	9.	Total.
CAPITAL— 1. Capitalized at 2. Leave and Pe			enue	•		Rs. 39,61 1, 86,50		3. 272	Rs. 39,613 1,88,781
777773377173				-	Total	2,26,12	2 2	272	2,28,394
REVENUE— 2. Leave and Per	asion Allowa	nces		34		1,04,15	6 18,	314	1,22,470
	No. 6.—Ste	atement con	mparing Che	arges to do	te with so	unctioned Es	timates.		
	Charges ac	AINST CLOSE	D SANCTIONS.	Cu	RRENT SANC	TIONS.	Total		
Particulars,	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date,	Amount of sanctioned estimate.	Unspent balance of estimate.	charges to date against old and current sanctions.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Works	6 4,7 4 ,03 3	-1,19,952	63,54,081	58,791	1,0 4,720	45,929	64,12,872		88 48 65 65
Estab lishment	11,51,054	1,8 3, 867	13,34,921	13,521	24 ,086	10,565	13,48,442		Rs. 96,384 37,365 1,83,749
Tools and Plant	1,81,762	-13,770	1,67,992	882	1,571	6 89	1,68,874	of 4th	ombay 1909 . overn-
Suspense Accounts	53	4,553	4,606	ot:	Lea	c†11	4,606	. 1649 of 7th Aug	by By rus ry ride G
Total	78,06,902	5 4,698	78,6 1,6 00	73,194	1,30,377	57,183	79,34,794	y's No.	oned th Feb 1908, v
I.ess - Receipts on Capital Account.	981	•••	981		•••	•••	981	nt of India's No. No. 2264 of 2	te sancti 314 of 44 ptember 1 1908
Net Total	78,05,921	5 4 ,698	78,60,619	73,194	1,30,377	57,183	79,33,813	Government Resolution 1	Estima on No 2nd Sc stober
INDIRECT CHARGES.								l in Gove	levised] Resoluti 1989 of 2 f 17th Oc
apitalized abatement of Land Revenue	35,8 96	3,717	39,613	•••	••••		39,613	sanctioned in	1908, against which a Revised Estimate sanctioned by Bomba Government in Government Resolution No. 314 of 4th February 1909 Government of India's No. 1989 of 22nd September 1908, vide Government Resolution No. 2708 of 17th October 1908
eave and Pension Allowances	1,61,148	25,741	1,86,889	1,892	3, 372	- 1,4 80	1,83,781	Estimate originally s August 1908, vide	sinst wh ent in Ge ent of In- olution N
Total	1,97,044	29,458	2,26,502	1,892	3,372	1,480	2,28,394	timate origin August 1908,	08, sg vernin vernin nt Res
Grand Total	80,02,965	84,156	80,87,121	75,086	1,33,749	58,663	81,62,207	Setin Au	\$ 6 6 g

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

Da'd Canal.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

***************************************	van entergrafije de verenigen, in de verene en de verene de verene de verene de verene de verene de verene de v			DIRECT CHARGES.		Cost of Construc- tion as now estimated. (Con-	Expenditure against
	Heads of Account.		Previous.	1908-09.	Total.	struction estimate closed on 31st March 1907.)	closed Estimates.
	IWorks.		Rs.	Rs.	Rs.	Rs.	Rs.
(2)—Main Canals and Branches	8.					
A. B. D. G. H. K. L.	Preliminary Expenses Land Regulators Bridges Escapes Buildings Earth-work Miscellaneous		4,134 35,184 1,94,801 91,352 13,077 85,898 13,67,619 6,134	110 2,401 3,293 54	4,134 38,294 1,97,202 91,352 13,077 85,898 13,70,912 6,188	4,134 38,169 1,97,202 90,232 13,077 85,898 13,63,982 5,977	4,134 38,169 1,97,202 90,232 13,077 85,898 13,63,982 5,977
Tota	al, Main Canals and Branches		18,01,199	5, 858	18,07,057	17,98,671	17,98,671
B. C. L. O.	(3)—Distributaries. Land Works Earth-work Miscellaneous	:::	20 26,798 23,777 40,044	11,105 787 —6,400	20 37,903 24,564 33,644	21,49 7 18,764 48,8 3 4	21,49 7 19,764 48,834
	Total, Distributaries	•••	90,639	5,492	96,131	89,095	89,095
(4)	—Drainage and Protective Wo	rks.					
L. O.	Earth-work Miscellaneous		14,590 55	*****	14,590 55	14,228 55	14,228 55
Tot	al, Drainage and Protective Wo	orks.	14,645		1 4,645	14,283	14,283
	Total, I.—Works	•••	19,06,483	11,350	19,17,833	19,02,049	19,02,049
1	II.—ESTABLISHMENT. & 2. Direction and Accounts	\mathbf{I}_{i}	93,030	882	S 93,912	92,368	92,368
3.	Executive	•••	2,14,508	8,175	2 , 17 ,6 83	2,12,126	2,12,126
5.	Special Survey	•••	12,721	****	12,721	12,721	12,721
	Total, Establishment	• •••	3,20,259	4,057	3,24,316	3,17,215	3,17,215
II	I.—Tools and Plant	•••	16,120	30	1 6,150	16,579	16,579
	Grand Total		22,42,862	15,437	22,58,299	22,35,843	22,35,843
v.	- Less Receipts on Capital Acco		34	*****	34	34	34
	Net Outlay	···	22,42,828	15,437	22,58,265	22,35,809	22,35,809
Cl	Apportionment.	•••	22,42,828	15, 437	2 2,58,265	22,35,809	2 2,35,8 09

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

DA'D CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.				Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation 5. Plantations canal produce	605 1,844 243 13	35 470 116		2. Main Canals and Branches Average expenditure before improvements	 - 35,439	375 4,60 8	375 40,047
9. Rents of buildings. 9. Fines	2,314	300		Total	-35,439	-4,233	-39,672
l. Miscellaneous Receipts	1,596	1,259	2,855	II.—Maintenance and			
Total I.—Indirect Receipts.	6,615	2,182	8,797	REPAIRS. 2. Main Canals and Branches	4,21,668	39,280	4,60,948
rrigation share of Land Revenue collected in the Civil Department	5,03,181	1,73,016	<mark>6,76,1</mark> 97	IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts	18,490		21,209
per cent. on 9/10ths of the proceeds from sales of				3. Executive	65,432	6,033	71,465
occupancy rights per Government of India Nos. 53 & 58-A. I., dated, respectively,				Total	83,922	8,752	92,674
20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th Novem- ber 1889	24,826	5 ,378	30,204	V.—Tools and Plant	4,085	1,036	5,121
	5,28,007	1,78,394	7,06,401	VI.—REFUNDS OF REVENUE	117	- 5	112
Total, Receipts	5,34,622	1,80,576	7,15,198	Total	4,74,353	44,830	5,19,183
ole.—Loss to the canal on account of difference between 1888, sament of water-rates on Jaghir lands and assessment at the ordinary rates in force			aye	Share of Collection Charges in the Civil Department	9,423	10,402	1 9, 8 25
for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolu- tion No. 400, dated 11th August 1883.				Indirect Charges debitable to Revenue Account as per Account No. 5	11,748	1,225	12,973
Rs. Pend of 1907-1908. 1,26,086				Total, Charges	4,95,524	56,457	5 ,51,98 1
Total 1,51,465				Balance Net Revenue	3 9, 098	1,24,119	1,63,217
Grand Total	5 ,34,622	1,80,576	7,15,138	Grand Total	5,34,622	1,80,576	7,15,198

N. B.—Construction Estimate closed on 31st March 1907, vide Government Resolution No. 2191, dated 17th August 1908.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

DA'D CANAL. CANAL PROJECT.

	Amount.		Amount.
Total Interest charges to end of 1907-1908	Rs. 6,63,231	Net revenue realized to end of 1907-1908 Do. during 1908-1909	1 24 119
Interest charges for the year 1908-1909	76,159	Balance net Interest charges	
Total	7,39,390	Total	7,39,390

No. 5 .- Account of Indirect Charges for, and to end of, 1908-1909.

Particulars,			Previous.	1908-1909.	Total.
CAPITAL—			Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue 2. Leave and Pension Allowances	1:::////	•••	40,248 44,836	180 568	40,428 45,404
REVENUE -	Total		85,084	748	85,832
2. Leave and Pension Allowances		•••	11,748	1,225	12, 973

No. 6. - Statement comparing Charges to date with sanctioned Estimates.

	CHARGES AG	AINST CLOSEI	SANCTIONS.	Cur	RENT SANCTIO	Total charges to		
Particulara.	Expenditure against construction estimate.	Expenditure ugainst open capital sanctions.		Charges to date,	Amount of sanctioned estimate.	Unspent balance of estimate.	date against old and current sanctions.	Remarks.
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works Establishment Tools and Plant	18,99,648 8,16,66 3 16,579	552	19,02,049 3,17,215 16,579	15,784 7,101 — 42 9		15,784 7,101 429	19,17,833 3,24,316 16,150	have been
Total	22,32,890	2,953	22,35,843	22,456	115	22,456	22,58,299	Works
Less—Receipts on Capital Account	34	•••	3 4	•••	***	•••	34	Construction Estimate closed in 1907-08. Unfinished Works have been provided for in the Schedule of Incomplete Works.
Net Total	22,82,856	2,953	22,35,809	22,456	***	- 22,456	22,58,265	.08. U
Indirect Charges.								in 1907
Capitalized abatement of Land Revenue	40,16 8	•••	4 0,1 6 8	260	•••	- 260	40,428	ate closed e Schedule
Leave and Pension Allowances	1 44 000	77	44, 410	994	***	994	45,404	Estime for in th
Total	84,501	77	84,578	1,254	•••	- 	85,832	uction
Grand Total	28,17,357	3,030	23,20,387	23,710	•••	—23,71 0		Constr

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

NASRAT CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

Heads of Account,	D	irect Charges	Cost of Con- struction as now estimated. (Construction	Expenditure against closed	
neans of Accounts,	Previous. 1908-1909. Total. estimat on 31st 1908.				estimates.
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—Main Canals and Branches.					
A. Preliminary Expenses	1,653	•••	1,653	1,653	1,653
B. Land	36,635	2,788	39,423	32,547	32,547
D. Regulators	1,74,672 66,129	1,496 748	1,76,1 6 8 66,877	1,74,310	1,74,310 64,280
G. Bridges	67,280	579	67,859	64,280 60,038	60,038
L. Earth-work	9,69,839	245	9,70,084	9,67,108	9,67,108
O. Miscellaneous	3,723	12	3,735	3,527	3,527
Total, Main Canals and Branches	13,19,931	5,868	13,25,799	13,03,463	13,03,463
	77				
(3)—Di <mark>stributaries.</mark>		Illina			
B. Land	509	57	566	•••	•••
C. Works	64,482	22,113	86,595	46,562	46,562
L. Earth-work	73,188 1,06,101	—28,295	73,188 77,806	72,522 1,60,466	72,522 1,44,564
O. Miscellaneous	1,00,101	-20,200	11,000	1,00,400	1,24,004
Total, Distributaries	2,44,280	<u> </u>	2,38,155	2,79,5 50	2,63,648
	_			·	
(4)—Drainage and Protective Works.	711				
L. Earth-work	190	•••	4,398 129	4, 398 129	4,3 98
Total, Drainage and Protective Works	4.5.05		4,527	4,527	4,527
Total, I.—Works			15,68,481	15,87,540	15,71,638
II.—ESTABLISHMENT.					
II.—ESTABLISHMENT.	Wat	110	2111	1110	
1 & 2. Direction and Accounts	71,306	1,262	72,568	69,720	69,720
3. Executive	1 / -	4,543	1,62,738	1,52,486	1,52,486
5. Special Survey	1,263	,•••	1,263	1,263	1,263
Total, Establishment	2,30,764	5 ,805	2,36,569	2,23,469	2,23,469
III.—Tools and Plant	5 ,5 4 6	362	5,908	5,046	5,046
Grand Total	. 18,05,048	5,910	18,10,958	18,16,055	18,00,153
V-Less Receipts on Capital Account	. 158	•••	158	158	158
Net Outlay	18,04,890	5,910	18,10,800	18,15,897	17,99,995
Apportionment.					
Chargeable to 49.—Irrigation	18,04,890	5,910	18,10,800	18,15,897	17,99,995
в 1142—12	}	<u> </u>	<u> </u>	!	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

NASRAT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.			Total.			
Receipts.	Previous.	1903-1909.	Total.	Charges.	Previous.	1908-1909.	Total.	
I DIRECT RECEIPTS. Water-rates from	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.	
1. Water-rates from Irrigation 3. Sales of water 5. Plantations	1,045 6 895	—147 —170	898 6 1,065	2. Main Canals and Branches	-422	780	358	
6. Other canal produce 9. Rents of buildings.	327 10	***	327 10	II.—Maintenance				
10. Fines Re-	1,199 — 784	458 —182	1,657 —966	AND REPAIRS. 2. Main Canals and	1,68,704	30,560	1,97,204	
Total	2 2/10	299	2,997		1,00,704	00,000		
II.—Indirect Receipts.				IV.—ESTABLISHMENT. 1 & 2. Direction and		0.493	15 MOO	
Irrigation share to Land Revenue collected in the Civic Department		2,26 ,70 8	7,53,926	Accounts 3. Executive	07.004		15,788 32,752	
4 per cention 9/10ths of the proceeds from sales coccupancy rights per convergence of India	e of or			Total .	40,691	7,849	48,540	
respectively, 20th Jurand 1st August 188 communicated in Go	9, V-			V.—Tools and Plant .	2,06	530	2,593	
No. 1209, dated 100 July, and No. 1913, date	13,77	0 6,832	20,602	Total .	2,09,03	6 39,659	2,48,695	
Total • Total, Receipts		2,83,540 36 2.33,89	T ZO	Share of Collectic Charges in the Ci- Department		6 13,620	44,586	
Norn.—Loss to the canal account of difference tween assessment of wa rates on Jaghir lands a assessment at the ordinates in force for Government lands noted here	on he- ter and ary			Indirect charges deb able to Revenue A count as per Accor	int			
Government of In Letter No. 233-I., da 14th June 1883, commu- cated under Governm	dia ted ini- ient			No. 5	5,69	1,099	6,796	
Resolution No. 400, ds 11th August 1883.	s.			Total, Charges	2,45,6	49 54,378	3,00,027	
To end of 1907-1908 9.; Loss for 1908-1909 2,; Total 11,	5.57			Balance Net Revenue	2,98,0	37 1,79,461	4,77,498	
Grand Total	5,43,6	386 2,33, 8	39 7,77,5	25 Grand Total	5,43,6	86 2,33,839	7,77,52	

N. ".-C. ustru. tion Estimate closed on 31st March 1907-vids Government Resolution No. 2191, dated 17th August 1908.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

NASRAT CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1908-1909.

			Amount	· {		····		Amount.
otal Interest charges to	end of 190	7-1908	Rs. 3,57,01	Net rev		d to end of	1907-1908	Rs. 2,98,037
iterest charges for the y	ear 1908-1	۵ ۵۵	61,17	.7	Do.	during 19	08-1909	4,77,498
initial charges for the j	CON 1000 1	Total	4 10 10	- Balance	net Interes	t charges	•••	59,303
	37					4 1 2 2 2 1 2 2 2	Total	4,18,195
		iculars.	Indirect C	harges for, o		f, 1908-1909		1
	1.810	icutars,				Previous.	1908-1909.	Total.
1. Capitalized abaten 2. Leave and Pension	nent of Lan	d Revenue	e	***	•••	Rs. 18,208 32,306	Rs. 3,7 77 81 3	Rs. 21,985 33,119
			IIIII	To	otal	50,514	4,590	55,104
2. Leave and Pension	n Allowan	ces	44/1	=		5,697	1,099	6,796
No	. 6.—State	ment com	paring Cho	arges to date	with sancti	oned Estima	tes.	<u>'</u>
	CHARGES AG	CHARGES AGAINST CLOSED SANCTIONS.			UBREST SANCT	ons.	Total	
Particulars.	Expendi- ture against construc- tion estimate.	Expendi- ture against open capital sanctions.	Total,	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	charges to date against old and current sanctions,	Remares.
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
orks	. 15,71,638		15,71,638	-3,157	15,9 02*	19,059	15,68,481) # #
tablishment	2,23,469	***	2,23,469	13,100	•••	13,100	2,36,569	. 129-I of 29th 1909, been provided for
ols and Plant	5,046	T. T	5,046	8 62		-862	5,908	129. 909. Pen pr
Total	18,00,153	丑	18,00,153	70 005	15 202	5,097	10 10 059	a No.
"—Receipts on Capita		•••	13,00,190	10,805	15,902	5,097	18,10,958	India I Febr Forka
Account	1 120	•••	158	•••	•••		158	ont of
Net Total	17,99,995		17,99,995	10,805	15,902	5,097	18,10,800	erume 485 o Jufini
Indirect Charges.								in Go on No 08, 1
pitalized abatement o	15 000	***	15,098	6,887	•••	6,887	21,985	nctioned i Besoluti in 1907.
are and Pension Allow aces	21 005	•••	3 1,2 85	1,834	•••	-1,834	88,119	rks only sa Jovernment nate closed
Total	46,388	•••	46,383	8,721	•••	-8,721	55,104	• Estimate for works only sanctioned in Government of India's No. January 1909, vide Government Resolution No. 485 of 22nd February 1. Construction estimate closed in 1907-08. Unfinished works have hin the Schedule of Incomplete Works.
Grand Total	. 18,46,378	•••	18,46,378	19,526	15,902	-3,624	18,65,904	• Estin January Construin the Sch

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

NAULA'KHI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1908-1909.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1907-1908.	868	Net revenue realized to end of 1907-1908 during 1908-1909	•••
	170	200	
Interest charges for the year 1908-1909	175	Balance net Interest charges	1, 041
Total	1,041	Total	1,041

No. 6 .- Statement comparing Charges to date with sanctioned Estimates.

110, 0		one compar	ong Ondry					
		IARGES AGAIN OSED SANCTION		C	URRENT SANCTI	Total charges to		
Particulars.	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	date against old and current sanctions.	Bruanks.
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works		•••	•••	4,876	9,72,019	9,67,143	4,876	}
Establishment		•••	•••	236	2,31,493	2 ,31,257	236	Project sanction by the Secrets
Tools and Plant	''			ii.	14,423	14,423		of State in Department No. 54 P. W., dated
Total .		lay	at	5,112	12,17,935	12,12,823	5,112	December 18 communicated Government India No. 5- dated 14th nuary 1896,
Indirect Charges.								Governments solution No W. I1
Capitalized abatement dand Revenue . Land Revenue . Leave and Pension Allov	of . •••	•••	•••	•••	12,470	12, 470		dated 30th ids Sanction report ed in Gove ment of In
		•••	•••	33	32,149	32,116	33	No. 869—C. 1., dated 3 July 1901, a
Total .		•••	•••	33	44,619	44,586	33	municated Governme Resolutio No. 1785, da 27th Australia
Grand Total .	•••		•••	5,145	12,62,554	12,57,409	5,145]

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

HA'THMATI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.			Total.			
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.	
I.—Direct Receipts.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.	
1. Water-rates from Irrigation 3. Sales of water	1, 5 9,035 945	16,595	1,75,630 945	1. Head Works 2. Main Canals and	866	•••	866	
4. Water-supply of towns	45 3	173	626	Branches	2,43 8	223	2,661	
5. Plantations 6. Other Canal Produce	7 10 000	228 5 67	} 19,615	Total	3,304	223	3,527	
9. Rents of Buildings. 10. Fines 11. Miscellaneous Re-	19 59	•••	19 59	II.—Maintenance and Repairs.				
ceipts	788		788	1. Head Works	9,888	29 0	10,178	
Total	1,8 0,11 9	17,563	1,97,682	2. Main Canals and Branches	1,05, 993			
•		4		3. Distributaries 4. Drainage and Pro-	29,032	3,72 8	32,7 60	
II.—Indirect Receipts.		PRINCE	Alle	tective Works	4,402		, 4,402	
Irrigation share of Land Revenue collected in			1172	Total	1,49,315	6,753	1,56,068	
the Civil Department.	•••		<u></u>	III.—Compensation	3,615		3,615	
Total, Receipts	1,80,119	17,563	1,97,682	IV.—ESTABLISHMENT.				
10001, 10000pus ,	1,00,110	11,000	1,97,002	1 & 2. Direction and Accounts 3. Executive	6,722 72, 41 3	346 2 ,967	7,068 75,380	
				Total	79,135	3,313	82,448	
			·	V.—Tools and Plant	1,630	164	1,794	
	(1	тт		PROFIT AND LOSS	186	· · · ·	186	
C	rul	Н	ay	VI.—REFUNDS OF REVE-	2,4 69	te	2,469	
		. [Total	2,39,654	10,4 5 3	2,50,107	
			•	Share of Collection Charges in the Civil Department	7,959	• 830	8,789	
				Indirect Charges debitable to Revenue Account as per Account No. 5	12,809	464	13,273	
				Total, Charges	2,60,422	11,747		
				, ,	—80,303	·	—74,487	
Grand Total	1,80,119	17,563	1,97,682	Grand Total	1,80,119	17,563	1,97,682	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

HA'THMATI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1908-1909.

· · · · · · · · · · · · · · · · · · ·	Amount.		Amount.
Total Interest charges to end of 1907-1908.	Rs. 6,83,380	Net revenue realized to end of 1907-1908. Do. during 1908-1909.	Rs 80,303 5,816
Interest charges for the year 1908-1909 .	16,613 6,99,993	Balance net Interest charges Total	-74,487 7,74,480 6,99,993

No. 5 .- Account of Indirect Charges for, and to end of, 1908-1909.

Particulars,				Previous.	1908-1909.	Total.
REVENUE—				Rs.	Rs.	Rs.
 Capitalized abatement of Land Revenue Leave and Pension Allowances 	•••		•••	98 12,711	4 64	98 1 3,17 5
		Total	•••	12,809	464	13,273

Gul Hayat Institute

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

LOWER PÁNJHRA RIVER WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.		,	Total.			
Receip ts.	Previous.	1908-1909.	Total.	Charges.	Previous,	1908-1909.	Total.	
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.	
1. Water-rates from Irrigation	2,93,888	7,8 <mark>88</mark>	3,01,776	1. Head Works 2. Main Canals and	1,376	•••	1,376	
3. Sales of water	440	<i></i>	440	Branches 3. Distributaries	7,103 4,447	i,939	7,10 3 6,386	
5. Plantations)	(87)	Total	12,926	1,939	14,865	
6. Other Canal Produce	8,676	677	9,440	II.—Maintenance and Repairs.				
9. Rents of Buildings.	20	•••	20	1. Head Works	24,459	907	2 5, 366	
11. Miscellaneous Receipts	4,573	229	4,802	2. Main Canals and Branches 3. Distributaries 4. Drainage and Pro-	4,619 63,798	 821	4 ,6 1 9 6 4,619	
Total	3,07,597	8,881	3,16,478	tective Works	2,728	•••	2,728	
II.—Indirect Receipts.			////	Total	95,604	1,728	97,332	
Irrigation share of Land Revenue collected in the Civil Department.		3,248	1 ,82,864		7,503		7,686	
Total, Receipts	4,87,213	12,129	4,99,342	3. Executive	72,466	1, 506	73,972	
Note.—Loss to the work for irrigating alienated and Inam lands noted here per				Total V.—Tools and Plant	79,969 1,864	1,689	1,919	
Government of India's Letter No. 233-I., dated 14th June 1883, communicated per Gov-				Profit and Loss	19	•••	19	
ernment Resolution No. 400, dated 11th August 18°3, and also Government Resolution No. 465, dated 19th Septem-		TT		VI.—REFUNDS OF RE- VENUE	3,6 6 6		3,66 6	
ber 1883 : (I) Difference between			av	Contributions	140	ITe	140	
Irrigation Share of consoli- dated Revenue derived by the Inamdars and that of			J	Total	1,94,188	5,411	1,99,59	
Judi pail by them to Government— Rs. To end of 1907-1908 . 16,240 During 1908-1909				Share of Collection Charges in the Civil Department	42,627	97 9	43,606	
Total 16,240				Indirect Charges debit- able to Revenue Ac-				
(2) Remission of enhanced water-			T	count as per Account No. 5	11, 679	23 6	11,915	
To end of 1907-1908. 22,775 During 1908-1909				Total, Charges	2,48,494	6,626	2,55,120	
Total 22,775				Balance Net Revenue	2,38,719	5,503	2,44, 22 2	
Grand Total	4,87,213	12,129	4,99,312	Grand Total	4,87,213	12,129	4,99,342	
WR - Lest Capital A				A cocupte for 1898.90				

N.B.—Last Capital Account detailed in the Administrative Accounts for 1898-99.

Construction Estimate closed on 31st March 1895, vide G, R. No. 148, dated 31st January 1896.

Completion Report approved in Government Resolution No. 1392, dated 3rd October 1896.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

LOWER PÁNJHRA RIVER WORKS.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1908-1909.

	Amount.		Amount.
Total Interest charges to end of 1907-1908	C 44 01 4	Net revenue realized to end of 1907-1908. Do. during 1908-1909	Rs. 2,38,719 5,503
Interest charges for the year 1908-1909.	15,072	Balance net Interest charges	2,44,22 2 4,15,76 4
Total	6,59,986	Total	6,59,986

No. 5 .- Account of Indirect Charges for, and to end of, 1908-1903.

Particulars.	11111	Previous.	1908-1909.	Total.
REVENUE— 1. Capitalized abatement of Land Revenue 2. Leave and Pension Allowances	344 444	Rs. 61 11,618	Rs. 236	Rs. 61 11,854
48.0	Total	11,679	236	11,915

Gul Hayat Institute

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

KA'DVA RIVER WORKS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

į	Heads of Account.			I	DIRECT CHARG	Cost of construc- tion as now esti- mated (construc-	Expenditure	
•	Heads of A	Account.		Previous.	1908-1909.	Total.	tion estimate closed on 31st March 1968).	against closed estimates.
	I.—Wo	ORKS.		Rs.	Rs.	Rs.	Rs.	Rs.
	(1) -Head	l Works.	1		ĺ			
A.	Preliminary Exp			3,681	•••	3,681	3,681	3,681
В.	${f Land}$	•••	•••	2,929	***	2,929	2,929	2,929
C.	Works	•••	•••	5,78,115	10,132	5,88,247	5,78,115	5,78,115
K.	Buildings	•••	•••	8,283	•••	8,283	8,283	8,283
M.	Plantations	•••	•••	820	•••	820	820	820
0.	Miscellaneous	•••	• • •	211	•••	211	211	211
Ρ.	Maintenance	•••	•••	5 ,65 3	•••	5,653	5,653	5,65 3
	Total	Head Works	•••	5,93,692	10,132	6,09,824	5,99,692	5,99,692
(2)—Main Canals	and Branches						
A.`	Preliminary Exp	oenses	•••	1,109		1,109	1,109	1,109
В,	Land	***	•••	2,719	(10)	2,719	2,719	2,719
D.	Regulators	***	•••	564		564	564	564
E.	Falls and Weirs	•••		435	\	435	435	435
P.	River and Hill 7	Corrent Works		50,305	1,394	51,699	5 0,305	5 0,30 5
G.	Bridges	***	•••	6,435		6,435	6,4 35	6,435
L.	Earth-work	***	•••	56,950		56,950	5 6,950	5 6,9 50
M.	Plantations	•••	•••	1,296		1,297	1,297	1,297
^	35: 11			* 1	5			-
O. P.	Miscellaneous	***	•••	1,508	•••	1,508	1,508	1,508
F.	Maintenance	•••	•••	2,899	•••	2,899	2,899	2,899
To	otal Main Canals a (3)—Distrib		•••	1,24,221	1,394	1,25,615	1,24,221	1,24,221
A.	Preliminary Ex			498		498	4 98	498
B.	Land	ponsos		2,075		2,075	2,075	2,075
		•••	***	*1	7		1	•
C.	Works	***		7,949	}	7,948	7,948	7,948
L.	Earth-work	***		11,787	•••	11,787	11,787	11,787
M.	Plantations	•••		66	•••	66	66	66
O.	Miscellaneous	•••		516	•••	51 6	516	516
	Total I) Distributaries	- ا	22,890		22,890	22,890	22,890
		1 I	-			400 mm	++-	
	Tota	l, I.—Works	•••	7,46,803	11,526	7, 58,329	7,46,803	7,46,803
_	II.—ESTABLI							
1&		Accounts	•••	3 5,036	577	35,613	35, 036	3 5,0 3 6
	3. Executive	•••	•••	1,51,111	2 ,0 7 7	1,53,183	1,51,111	1,51,111
	Total E	stablishment	•••	1,86,147	2,654	1,88,801	1,86,147	1,86,147
III.	-Tools and Pla	NT	-	20,282	1 394	21,676	20,282	20,282
		Grand Total	-	9,53,232	15,574	9,68,806	9,53,232	9,53,232
v	-Less Receipts on		_	140				140
. •	2000 20001ptb 01	-	-		15 55.	140	140	
('L-	Apportion			9,53,092	15,574	9,68,666	9,53,092	9,53,092
Cha		Irrigation Minor Works	and	5 ,90,224	•••	5,90,224	5,90,224	5,90,224
N	avigation	•••	•••	3,62,868	15,574	3,78,442	3,62,868	3,62,868
		${f Total}$		9,53,092	15,574	9,68,666	9,53,092	9,53,092

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

KADVA RIVER WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.	+		Total.			
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.	
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	T. Til	Rs.	Rs.	Rs.	
1. Water-rates from Irrigation	2,95,97 3	17,061	3,13,034	I.—Extensions and Improvements.				
3. Sales of water	25	37 0	395	D1	146		146	
5. Plantations6. Other Canal produce	} 10,499	$ \left\{\begin{array}{c} 149 \\ 53 \end{array}\right. $	} 10,701	Branches	140		110	
9. Rents of buildings.	220		220	II.—Maintenance and Repairs.		ř		
10. Fines	12	4	16	- 111111	##		-0.000	
11. Miscellaneous receipts	1,941	100	2,041		17, 119	1,190	18,309	
				2. Main Canals and Branches	96,56 <mark>9</mark>	2,670	99,239	
Total	<mark>3,</mark> 08,670	17,737	3,26,407	3. Distributaries	<mark>8,3</mark> 02	397	8,699	
				TP				
				Total	1,21,990	4,257	1,26,247	
II.—Indirect Re-				III.—COMPENSATION				
Irrigation share of Land Revenue col- lected in the Civil	[IV.—Establishment.		•••		
Department Enhanced Land Revenue as per Gov-	uÏ	H:	aya	1 & 2. Direction and Accounts	10,216	209	10,425	
ernment Resolu- tion No. 428, dated 6th August 1875		594	20,193	3. Executive	1,5 1,2 13	4,2 80	1,55,493	
Total	19,599	594	20,193	,	1,61,429	4,489	1,65,918	
Total Receipts	3,28,269	18,331	3,46,600	V.—Tools and Plant	2,403	574	2,977	
Carried over	3,28,269	18,331	3,46,600	Carried over	2,85,968	9,320	2,95 ,2 88	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

KA'DVA RIVER WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

.		Total.			Total.			
Receipts.	Previous.	Previous. 1908-1909. Total.				1908-1909.	Total.	
,	Rs.	Rs.	Rs.	///	Rs.	Rs.	Rs.	
Brought forward	3,28,269	18,331	3,46,600	Brought forward	2,85,968	9,320	2,95,288	
•				VI.—REFUNDS OF REVENUE	203		203	
			III	Total	2,86,171	9,320	2,95,491	
			1	Share of Collection Charges in the Civil Department.	14,867	872	15,739	
				Indirect Charges debitable to Revenue Account as per Account No. 5	23,557	628	24,185	
				Total Charges	3,24,595	10,820	3,35,415	
	Ju	1 F	Ia:	Balance Net Revenue	3,674	7,511	11,185	
Grand Total	3,28,269	18,331	3,46, 600	Grand Total	3,28,269	18,331	3,46,600	

N. B.—Construction Estimate closed on 31st March 1908-vide Government Resolution, No. 2215, dated 25th August 1908.

No. 4.—Interest Account for, and to end of, 1908-1909.

	Amount.	·	Amount.
			Rs.
otal Interest charges to end	Rs.	Net revenue realized to end of 1907-1908.	3,674
otal Interest charges to end of 1907-1908	8,12,881	Do. during 1908-1909.	
nterest charges for the year 1908-1909.	32,516	Balance net Interest charges	11,185 8,34,212
Total	8,4 5,397	Total	8,45,397

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

KA'DVA RIVER WORKS.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1908-1909.

Particulars.	Previous.	1908-1909.	Total.			
CAPITAL— 1. Capitalized abatement of Land Revenue 2. Leave and Pension Allowances	•••	•••	•••	Rs. 5,688 30,945	Rs. 47 372	Rs. 5,735 31 ,317
REVENUE— 2. Leave and Pension Allowances		Total	•••	36,633 23,557	419 628	37,0 52 24,1 85

No. 6. -Statement comparing Charges to date with sanctioned Estimates.

	Charge	S AGAINST C BANCTIONS.	LOSED	Cur	RENT SANCT	ions.	Total	:	
Particulars.	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.*	Amount of sanctioned estimate.	Unspent balance of estimate.	charges to late against old and current sanctions.	Remarks.	
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Works	7,46,803		7,46,803	11,526		11,52 6	7,58,329	*The charges have be provided for in	
Establishment	1,86,147		1,86,147	2,654		-2,654	1,88,801	Schedule of incomp works which is be	
Tools and Plant	20,282	• *•	20,282	1,394	•••	-1 ,394	21, 676	Government.	
Total	9,53,232	•••	9 ,53,232	15,574	•••	—15 ,574	9,68,806		
Less—Receipts on Capital Account	1	•••	140		•••	•••	140		
Net Total	9,53,092	H	9,53,092	15,574	lns	—15,574 ————————————————————————————————————	9,68,666	е	
Indirect Charges,									
Capitalized abatement of Land Revenue Leave and Pension	5,688		5,688	47	•••	-47	5,7 8 5		
Leave and Pension Allowances	0001=		30,945	372	•••	-372	31,317		
Total	36,633	•••	36,633	419	•••	-419	37,052		
Grand Total	9,89,725		9,89,725	15,993	•••	15.9 93	10,05,718		

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

PRAVARA RIVER WORKS-LA'KH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.			Total.			
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.	
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.	
I. Water-rates from Irrigation 3. Sales of Water 5. Plantations	41,257	1,523	42,780 38	1. Head Works	62 9	•••	629	
6. Other Canal Produce	8,784	111	9,002	2. Main Canals and Branches	86		86	
9. Rents of buildings	49	•••	49	- 111111				
10. Fines	31	24	55	Total	715		715	
11. Miscellaneous Receipts	637	18	655	II.—Maintenance and Repairs.				
Total	50,796	1,783	52,57 9	1. Head Works 2. Main Canals and	10,318	149	10,467	
				200	1,18,832	2,887	1,21,719	
II.—Indirect Receipts. Irrigation share of Land Revenue collected in the Civil				3. Distributaries Total	4,380 1,33,530	96 	1,36,662	
Department Revenue from "Galper" land treated	ju]	\mathbb{H}	ay	IV.—ESTABLISHMENT.	tui	te		
as Land Revenue — vide Government				1 & 2. Direction and Accounts	9,978	157	10,185	
Resolution No. 1829, dated 21st November 1893	3,824	147	3, 971		1,26,742		1,29,463	
Total	3,824	147	3,971	Total	1,36,720	2,878	1,39,598	
Total Receipts	54,620	1,930	56,550	V.—Tools and Plant	2,019	431	2,450	
Carried over	54,620	1,930	56,550	Carried over	2,72, 9 84	6,441	2,79,425	

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BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

PRAVARA RIVER WORKS-LAKH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.		Ch a mare		Total.	
Receipts.	Previous.	Previous. 1908-1909. Total.		Charges.	Previous.	1908-1909.	Total.
Brought forward	Rs. 54,620	Rs. 1,930	Rs. 56,550	Brought forward	Rs. 2,72,984	Rs. 6,441	Rs. 2,79,425
	1		6	VI.—REFUNDS OF RE-	106	10	116
				Total	2,73,090	6,451	2,79,541
, *		- //	/// <u>=</u>	Share of Collection Charges in the Civil Department		92	2,555
			(E	Indirect Charges debitable to Revenue Account as per Account No. 5	00 700	403	2 1,2 0 1
			W	Total Charges	2,96,351	6,946	3,03,297
	2			Balance Net Revenue	. <mark>-2,4</mark> 1,731	-5,016	-2,46,747
Grand Total	54,62 0	1,930	56,550	Grand Total	. 54,620	1,930	56,550

N.B.—Last Capital Account detailed in the Administrative Accounts for 1894-95.

Construction Estimate closed on 31st March 1894—vide Government Resolution No. 1707, dated 2nd November 1894.

Completion Report approved in Government Resolutions No. 87, dated 20th January 1896, and No. 1187, dated 17th August 1896.

Note.—This work is a part of the Prayara River Irrigation Project but separate account has been kept until the new project is completed sufficiently to give an increased supply of water to the other canals—vide Government of India No. 1951-I, dated 18th September 1908, communicated in Government Resolution No. 2721, dated 20th October 1908.

No. 4.—Interest Account for, and to end of, 1908-1909.

THE HAVE INCITED A	
Gui II ayat III Stitute Rs.	
Total Interest charges to end of Do. during 1908-03 —2,41,7 Do. during 1908-03	31 16
1907-1908 5,48,720 ————————————————————————————————————	17
Interest charges for the year 1908-1909. 11,927 Balance net Interest charges 8,07,3	94
Total 5,60,647 Total 5,60,6	47

Particulars.			Previous.	1903-1909.	Total.
			Rs.	Rs.	Rs.
REVENUE— 2. Leave and Pension Allowances	•••	•••	20,798	92	20,890

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

MUTHA CANAL INCLUDING MATOBA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

	Dr	RECT CHARGES	•	Cost of construc- tion as now- estimated.	Expenditure	
Heads of Account.		Previous.	1908-1909.	Total.	(Construction estimate closed on 31st March 1897.)	against closed estimates.
I.—WORKS.		Rs.	Rs.	Rs.	Rs.	Rs.
(1) Head Works.		14.04				
A. Preliminary Expenses	•••	8,391	•••	8,391	8,391	8,391
B. Land		3,40,236	•••	3,40,236	3,40,236	3,40,236
C. Masonry Works	•••	28,90,673		28,90,673	28,90,673	28,90,673
K. Buildings		17,287		17,287	17,287	17,287
M. Plantations	•••	3,059		3,059	3,059	3,0 59
O. Miscellaneous		409		409	409	409
P. Maintenance	•••	1,231	•••	1,231	1,231	1,231
Total Head Works		3 2,61,286	,	32,61,286	32,61,286	32,61,286
(2) Main Canals and Branche	8.				-	
A. Preliminary Expenses	• • •	2,828	•••	2,828	2,828	2,828
B. Land	•••	1,26,843	•••	1,26,843	1,26,843	1,26,843
C (a). Regulators	•••	37,342	***	37,342	37,342	37,342
C(c). River and Hill Torrent Wo	rks	5,2 1,670	. de 1	5,21,670	5,21,670	5,21,670
C (e). Bridges		1,0 2,670	at I	1,02,670	1,02,670	1,02,670
C(f). Escapes	•••	18,120	•••	18,120	18,120	18,120
J. Mills	•••	5 6, 41 5	•••	56,415	56,415	56,415
K. Buildings	•••	10,111	•••	10,111	10,111	10,111
L. Earth-work		9,33,587	1 9, 3 10	9 ,52,897	10,03,654	9,21,643
M. Plantations	•••	16,011	•••	16,011.	16,011	16,011
O. Miscellaneous	•••	1,868	•••	1,868	1,868	1,868
P. Maintenance	•••	4,5 66	•••	4,566	4,566	4,566
Total, Main Canals and Branch	es	18,32,031	19,310	18,51,341	19,02,098	18,20,087
Carried over	ļ	50,93,317	19,310	51,12,627	51,63,3 84	50,81,373

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

MUTHA CANAL INCLUDING MATOBA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

•	Dir	ECT CHARGES.		Cost of construc- tion as now estimated.	Expenditure against	
Heads of Account.	Previous. ·	1908-1909.		(Construction estimate closed on 31st March 1897.)	closed estimates.	
	Rs.	Rs.	Rs.	Rs.	Rs.	
Brought forward	50,93,317	19,310	51,12,627	51,63,384	50,81,373	
(3) Distributaries.						
A. Preliminary Expenses B. Land C. Masonry Works L. Earth-work M. Plantations O. Miscellaneous	6,740 5,666 1,28,387 73,961 407 6,21,989	1,17,884	6,740 5,666 1,28,387 73,961 407 7,39,873	6,740 5,666 1,28,387 73,961 407 7,89,187	6,740 5,666 1,28,387 73,961 407 6,21,989	
Total, Distributaries	8,37,150	1,17,884	9,55,034	10,04,348	8,37,150	
(4) Drainage and Protective Works. B. Land L. Earth-work	7,328 1,188	···	7,328 1,188	7,328 1,188	7,32 8 1,188	
Total, Drainage and Protective Works.	8,516		8,516	8,516	8,516	
Total, IWorks	59,38,983	1,37,194	60,76,177	61,76,248	59,27,039	
II.—ESTABLISHMENT.						
1 & 2. Direction and Accounts 3. Executive 4. Medical	2,68, 72 9 8, 14 ,724 146	1,265 4,553 	2,69,994 8,19,277 146	11,08,860	2,68,1 32 8,12,57 4 14 6	
Total, II.—Establishment	10 ,83, 5 99	5,818	10,89,417	11,08,860	10,80,852	
III.—Tools and Plant	1,23,428	1,243	1,24,671	1,25,485	1,23,249	
IV.—Suspense Accounts	*****	- 206	- 206	768174	*****	
Grand Total	71,46,010	1,44,049	72,90,059	74,10,593	71,31,140	
VLess-Receipts on Capital Account	12,234	•••	12,234	12,234	12,234	
Net Outlay	71, 33,776	1,44,049	72,77,825	73,98,359	71,18,906	
Apportionment,						
Chargeable to— 49.—Irrigation 43.—Minor Works and Navigation.	57,98,412 13,85,364	1,44,04 9	57,98,412 14,79,413		57,98,412 13,20,494	
Total	71,33,776	1,44,049	72,77,825	73,98,359	71,18,906	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

MUTHA CANAL, INCLUDING MATOBA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.				Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909	Total.
I.—Direct Receipts.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation 3. Sales of water 4. Water-supply of	3 7,71,3 85 62,5 <mark>23</mark>		39,9 2,7 18 6 5, 897	1. Head Works	27,284	•••	27,264
towns 5. Plantations	31,04,984	1,30,434	32,35,418	2. Main Canals and Branches	17,72 3	993	18,716
6. Other Canal Produce	70,744	4	75,758		49,813		58,658
7. Water power 9. Rentsofbuildings 10. Fines	64,800 3,955 52	117	54,800 4,072 52		40,010	3,030	00,000
11. Miscell an e ons Receipts	1,16,383	6,028	1,22,411	Total	94,800	4,833	99,633
Total	71 ,9 4 ,8 2 6	3 , 66,3 0 0	75,61,126	II.—Maintenance and Repairs.			
II.—Indirect Re-				1. Head Works	7 8,012	3, 591	81,603
Irrigation share of Land Revenue col-				2. Main Canals and Branches	5 ,27 ,536	14,720	5,42,256
lected in the Civil Department	•••		•••	3. Distributaries	6 ,0 5,599	26,589	6,32,188
Irrigation share on account of percolation from the Canal —vide Government Resolutions Nos.				Total I	2,11,147	44,900	12,56,047
1159 and 1539, dated, respectively, 21st July and 29th September 1892	672	42	ay	III.—Compensation IV.—Establishment.	494	e	494
Total	672	42	714	1 & 2. Direction and Ac-			
Total Receipts 7	1,95,498	3,66,342	75,61,8 40	counts.	95,146	2,157	97,303
-		-		3. Executive	8,12,414	44,453	8,56,867
				Total	9,07,560	46,610	9,54,170
	•			V.—Tools and Plant	86,244	4,893	91,137
Carried over7	1,95,498	,66,342	75,61,840	Carried over2	3,00,245	,01,236	24,01,481

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BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

MUTHA CANAL, INCLUDING MATOBA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

	Total.				Total.			
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.	
Brought forward	Rs. 71,95,498	Rs. 3,66,342	Rs. 75,61,840	Brought forward	Rs. 23,00,245	Rs. 1,01,236	Rs. 24,01,481	
				VI.—Refunds of Revenue.	20,519	172	20,691	
	3		,,,,	Suspense Account	-3	2	-1	
				Total	23,20,761	1,01,410	24,22,171	
	4	3		Share of Collection Charges in the Civil Department	1,87,361	10,941	1,98,302	
		Indirect Charges debitable to Revenue Account as per Account No. 5	1,31 ,816	6,525	1,38,341			
				Total Charges	26,39,938	1,18,876	27,58,814	
C	1	II		Balance Net Revenue	45,55,560	2,47,466	48,03,026	
Grand Total	71,95,49	8 3,66,342	75,61,840	Grand Total	71,95,498	3,66,342	75,61,840	

N.B.—Construction Estimate of the Mutba canals closed on 31st March 1897 (vide Government Resolution No. 710, dated 13th May 1897) and that of Matoba Tank on 31st March 1892—vide Government Resolution No. 1411 of 12th September 1893. Completion Report of the Mutha Canals approved in Government Resolution No. 2241 of 30th October 1901 and that of the Matoba Tank in Government Resolution No. 827 of 17th May 1894.

No. 4.—Interest Account for, and to end of, 1908-1909.

	Amount.		Amount.
Total Interest charges to end of 1907-1908 Interest charges for the year 1908-1909.	Rs.	Net revenue realized to end of 1907-1908	Rs. 45,55,560
	84,88,398	Do. during 1908-1909.	2, 4 7,466
	2,43,844	Balance net Interest charges	48,03,026 3 9,29 ,2 1 6
Total	87,32,242	Total	87,32,242

Particulars.

BOMBAY PRESIDENCY.

1908-1909.

Total.

Previous.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

MUTHA CANAL, INCLUDING MATOBA TANK.

TANK PROJECT.

CAPITAL— 1. Capitalized aba	ite ment of	Land	Revenue	., 10	• ••	Rs.	,859		Rs.	Rs	9,859
2. Leave and Pen	sion Allov	vances	•••		• •••	1,99	,535		815	2,00	,350
				To	otal	2,59	394		815	2,60	0,209
REVENUE— 2. Leave and Pen	sion Allo	wances	•••		• ••	1,31	,816	<u> </u>	6,525	1,38	8,341
No. 6	3.—Statem	nent con	paring Cl	arges t	o date u	vith sanct	oned i	Estin	nates.		
		S AGAINS	T CLOSED	Cor	RENT SA	NOTIONS.					
Particulars.	Expenditure against construction estimate.	Expenditure against open capital sanctions,	Total.	Charges to date.	Amount of sanc- tioned estimate	balance of	Tot charg date ag old curr sanct	es to gainst and ent	R		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	R	le.			
	54,3 <mark>2,020</mark> 10,12,260 1,19,987	68,592	59,27,039 10,80,852 1,23,249	8,565	28,008 2,236		60,76 10,89 1,24	,417		I of 9th 908, vide ent Re-	Rs.
Total	6 5 ,64,267	5,66,873	71,31,140	1,58,919	2,79,453	1,20,534	72,9 0	,059	of 1st Apr Government	il 1908 of India's	73,389
Less — Receipts on Capital Account	12,234	•••	12,234	•••		•••	12	,234	Governme solution N	908, vide ont Re- to.1170 of 1 1908	1,00,002
Net Total	6 5,52 ,033	5,66,873	71,18,906	1,58,919	2,79,453	1,20,534	72,77	,825	No. 704-1 March 19 Government solution of 13th A	of 17th 908, vide int Re- No. 1173 pril 1908.	59,2)8
INDIRECT CHARGES.									No. 1612- July 160	I of 27th 08, vile	
Capitalized abatement of Land Revenue	58,776	1,0 83	5 9,859	•	•••	•••	5 9 ,	,859	Governme solution of 12th 1908 Government	No. 2156 August	45,971
Leave and Pension Allowances	1, 89, 5 46	9,604	1,9 9,1 50	1,2 00	3 ,921	2, 721	2,00,		tion No. 19th Janu	13 6 of	4,714
Total	2,48,322	10,687	2,59,009	1,200	3,921	2,721	2,60,	,209	Tank an Governme No. 1371	nals and nalgamated nt of -I of 246	Matoba l (vide India's th June
Grand Total	68,00,355	5,77,560	73,77,91 5	1,60,119	2,83,374	1,23,255	75,38	,034	Governme	ommunicat int Re of 18th Jul	solution

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

EKRUK TANK.

TANK PROJECT.

No. 3 .- Revenue Account for, and to end of, 1908-1909.

		Total.			Total.				
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total		
IDirect Receipts.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.		
 Water-rates from Irrigation Sales of water Water-supply of towns 	3,54,625 63,555 1,09,453			1. Head Works 2. Main Canals and Branches 3. Distributaries	4,916 36,301 1,075	•••	4,916 36,301 1,075		
5. Plantations 6. Other Canal produce)	591	1,70,001	Total	42,29 2	•••	42,292		
9. Rents of buildings 11. Miscellaneous Receipts	255 22,138	168		II,—Maintenance and Repairs.	73,177	1,239	74,416		
Total II.—INDIRECT RECEIPTS.	6,56,371	39,375	6,95,746	2. Main Canals and Branches 3. Distributaries	2,10,238 1,128		2,14,584 1,276		
Irrigation share of Land Revenue tol- lected in the Civil		2		Total					
Department		***	•••	III.—Compensation	69		69		
Total Receipts	6,56,371	39,375	6,95,746	IV.—ESTABLISHMENT. 1 & 2.Direction and Accounts 3. Executive	27,057 1,76,833		27,34 4 1, 80,899		
	-1			Total	2,03,890	4,35 3	2, 08 ,24 3		
	rul	Н	av	V.—Tools and Plant	3,706	121	3,827		
				VI.—REFUNDS OF REVENUE	1,124		1,124		
				Total	5,35,624	10,207	5,45,831		
				Share of Collection Charge in the Civil Department		1,048	20,734		
				Indirect Charges debitable to Revenue Account as per Account No. 5	1	609	33,129		
				Total Charges Balance Net Revenue	5,87,830 68,54	11,864 27,511	5,99,694 96,052		
Grand Total	6,56,37	39,378	6,95,746		6,56,37	<u> </u>			

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96.

Construction Estimate closed on 31st March 1891—vide Government Resolution No. 1253, dated 28th July 1891.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

EKRUK TANK.

TANK PROJECT.

No. 4.—İnterest Account for, and to end of, 1908-1909.

Rs.	D.	
45.	Rs.	
Net revenue realized to end of 1907- 1908 Do. during 1908-1909.	68,54 1 27,511	
Balance net Interest charges	96,052 17,94,384	
0,436 Total	18,90,436	
1	1,5 59 Balance net Interest charges	

	Particulars.	Tak		Previous.	1908-1909.	Total,
REVENUE— 2. Leave and P	ension Allowances		44.	Rs. 32,520	Rs. 609	Rs. 33,129

Gul Hayat Institute

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.			Total.			
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.	
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.	
1. Water-rates from Irrigation	11,18,829	{ 44,306 (a)1,476	11,64,611	1. Head Works	65 I	•••	651	
 Sales of water . Water-supply of 	66 6, 011		66 6,011	2. Main Canals and Branches	4 ,841 565	•••	4,841 565	
towns 5. Plantations)	(Total	6,057		6,057	
6. Other Canal produce 9. Rents of build-)	1,792	57,641	II.—Maintenance and Repairs.				
ings 11. Miscellaneons receipts	1,464 362		1,527 362		11,036		11,286	
	11,82,581	47,637	12,30,218	Branches 3. Distributaries	2,72,615 21,608		2,75,879 22,614	
II.—Indirect Re-				4. Drainage and Protec- tive Works	395		395	
CEIPTS. Irrigation share of			Ilho	Total	3,05,654	4,520	3,10,174	
Land Revenue col- lected in the Civil Department			•••	III.—Compensation	15,773	(a) 655	16,428	
Total Receipts	11,82,58	47,637	12,30,218	IV.—Establishment.				
(a) Amount adjusted by credit to water-rate and debit per contra or account of the following	s 1			1 & 2. Direction and Accounts	14,375		14,60 1 1,92,929	
charges recovered by Native States from water-rates collection:	n -			Total	2,04,225	3,305	2,07,530	
Loss of assessments on account of land taken u for the canal, debited t	P			V.—Tools and Plant	4,224	99	4,323	
III.—Compensation— Rs. Pant Pratinidhi 152	 111		av	VI.—REFUNDS OF REVENUE	974	49	1,023	
Fangli State 503			J	Total	5,36,90	8,628	5,45,535	
Collection charges—	<u>'</u>			Share of Collection Charge in the Civil Department	69,520	$6 \left\{ \begin{array}{c} 1,727 \\ (a)821 \end{array} \right.$	} 72,074	
Pant Pratinidhi— For recovery of water-rates. Sángli State— For recovery	3			Indirect charges debitable to Revenue Account a per Account No. 5	1		34,903	
of water-rates. 538	-			Total Charges	0.10.05			
821 Total 1.476				Balance Net Revenue	5,41,70		, ,	
Grand Total .	11,82,58	31 47,63	7 12,30,21	Grand Total .	11,82,58		12,30,218	

N.B.—Last Capital Account detailed in the Administrative Accounts for 1904-1905. Construction Estimate closed on 31st March 1892. ride Government Resolution No. 777, dated 14th May 1892. Completion Report approved in Government Resolution No. 119, dated 22nd January 1894.

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BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 49.—IRRIGATION WORKS.

KRISHNA CANAL.
CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1908-1903.

•	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1907- 1908	12, 97,215	Net revenue realized to end of 1907- 1908 during 1908-1909.	5,41,7 08 35,998
	21,101	Balance net Interest charges	5,77,706 7,47,266
Total	13,24,972	Total	13,24,972

No. 5.—Account of Indirect Charges for, and to end of, 1908-1909.

Particulars.	Previous. 1908-1909.		Total.		
REVENUE— 1. Capitalized abatement of Land Revenue 2. Leave and Pension Allowances	 		Rs. 64 34,376 34,440	Rs. 463	Rs. 64 34,839 34,903

Gul Hayat Institute

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.-MINOR WORKS AND NAVIGATION.

SUKKUR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.			Total.			
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.	
I.—DIRECT RECEIPTS. 1. Water-rates from Irrigation 5. Plantations 6. Other Canal Produce 9. Rents of Buildings. 10. Fines 11. Miscellaneous Receipts	Rs. 29,061 12,695 4,272 1,558 22,982	1,093 9 147	Rs. 29,964 13,956 4,281 1,705 24,849	I.—EXTENSIONS AND IMPROVEMENTS. 1. Head Works 2. Main Canals and Branches 3. Distributaries	Rs. 15,425 1,17,341 863	Rs. 5,962	Rs. 15,425 1,23,303 863	
Total	70,568	4,187	74,755	Total	1,33,629	5,962	1,39,591	
II.—Indirect Receipts Irrigation share of Land Revenue collected in the Civil Department 4 per cent. on 10 th of the proceeds from	37,11,670	1,91,556	<mark>39,03,22</mark> 6	II.—MAINTENANCE AND REPAIRS. 1. Head Works 2. Main Canals and Branches	6,627	32,804	6,627 11,68,351	
sales of occupancy rights per Government of Indi Nos. 53 and 58 A. I dated, respectively 20th June and 18 August 1889, communicated in Government Resolution No. 1209, dated 10t July, and No. 1915 dated 7th November 1880	5 a a b. b. b. b. b.	Ha	y a	IV.—ESTABLISHMENT. 1 & 2. Direction an Accounts	11,42,174 d. 83,061 2,60,893	1,848	84,909 2,74,726	
Total .	37,21,68	1,92,32	39,13,964	Total .	3,43,95	4 15,681	3,59,635	
Total Receipts .	37,92,20	1,96,51	5 39,88,719	V.—Tools and Plant.	15,77	3 600	16,873	
Carried over .	37,92,20	1,96,51	ε 39,88,71	Carried over	16,35, 5 3	55,047	16,90,577	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

SUKKUR CANAL

CANAL PROJECT.

No. 3.—Revenue Accounts for, and to end of, 1908-1909.

		Total.			Total.			
Receipts	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.	
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	
Brought forward	37,92, 2 04	1,96,515	39,88,719	Brought forward	16,35,530	55,047	16,90,577	
	Á			VI.—REFUNDS OF RE-	1 19	•••	119	
Note.—Loss to the canal on account of difference between assessment of water-				Total	16 <mark>,</mark> 35,649	55,047	16,90,5 9 6	
rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-L., dated 14th June 1883, communi-				Share of Collection Charges in the Civil Department	0.00.007	11,607	3,12,498	
cated under Government Resolution No. 400, dated 11th August 1883:— Rs. To end of 1907-19081,55,221 Loss for 1908-1900 11,779	1			Indirect Charges debitable to Revenue Account as per Account No. 5	-	2,195	57,029	
Total 1,67,000				Total, Charges	19,91,374	68,84 9	20,60,223	
				Balance Net Revenue	18,00,830	1,27,666	19,28,496	
Grand Total	8 7,9 2, 2 04	1,96,515	39,88 ,7 19	Grand Total	37,92 , 204	1,96,515	39,88,719	

N. B.—Last Capital Account detailed in the Administrative Accounts for 1905-1906. Construction Estimate closed on 31st March 1886—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 569, dated 27th March 1895.

No. 5 .- Account of Indirect Charges for, and to end of, 1908-1909.

Particulars.	Previous.	1908-1909.	Total.		
REVENUE—			Rs.	Rs.	Rs.
 Capitalized Abatement of Land Revenue Leave and Pension Allowances 	•••	•••	897 53,937	2,195	897 56,13 a
	Total	••.	54,834	2,195	57, 0 2 9

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

GHA'R CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.			Total.			
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909 -	Total.	
I.—Direct Receipts. 1. Water-rates from Irrigation	Rs. 2,07,490	Rs. 4,378	Rs. 2,11,868	I.—Extensions and Improvements.	Rs.	Rs.	Rs.	
5. Plantations6. Other canal produce9. Rents of buildings.	10,543	1,108		1. Head Works 2. Main Canals and	1,407	•••	1,407	
10. Fines 11. Miscellaneous receipts	2,204 1,45,394	439 5, 744	2,643 <mark>1,51,13</mark> 8	Branches	3,44,731 12,487		3,47,264 12,487	
Total	4,14,874	12,976	4,27,850	3. Distributaries	12,10		12,10,	
II.—Indirect Receipts.			KE:	Total	3,58,625	2,583	3,61,158	
Irrigation share of Land Revenue collected in the Civil Department. per cent. on raths	2,21,65,768	6,85,649	2,28,51,417	II.—Maintenance and Repairs.				
of the proceeds from sales of occupancy rights per Govern- ment of India Nos. 53 and 58 A. I., dated respectively.				2. Main Canals and Branches 3. Distributaries	30,48,690 15,675		31,19,51 7 15,675	
20th June and 1st August 1889, communicated in Government Resolution No 1209, dated 10th July and No. 1913, dated				_Total	30,64,365	70,827	31,85,192	
7th November 1889 Total	05,008		73,145	III.—COMPENSATION.	108	te	108	
Total Receipts	2,26,46,53	7,05,881	2,33,52,412	IV.—Establishment.				
Note.—Loss to the canal or account of difference be tween assessment of water rates on Jaghir land	•			1 & 2. Direction and Accounts	2, 04,858	3,090	2,07,943	
and assessment at the ordinary rates in force for Government lands noted here, per Government o				3. Executive	7,24,031	25,083	7,49,114	
India letter No. 233-I. dated 14th June 1883, communicated under Government Resolution No. 400 dated 11th August 1883:-				Total	9,28,884	28,173	9,57,057	
Rs. To end of 1907-1908. 7,75.31 Loss for 1908-1909 41,18 Total 8,16,493	 - -			V.—Tools and Plant	. 11,730	-2,704	9,032	
Carried over	2,26,46, 53	7,05,881	2,33,52,412	Carried over	. 13,63,718	98,829	14,62,547	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

GHA'R CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1909.

		Total.			Total,			
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous,	1908-1909.	Total.	
Brought forward	Rs. 2,26,46,531	Rs. 7,05,881	Rs. 2,33,52,412		Rs.	Rs.	Rs.	
				Brought forward	<mark>43,63,71</mark> 8	98,829	4 4, 62,54 7	
	F			VI.—REFUNDS OF RE-	184	•••	184	
		7-4		Total	43,63,901	98,829	41,62,731	
	4			Share of Collection Charges in the Civil Department		41,611	19,96,999	
				Indirect Charges debitable to Revenue Account as per Account No. 5		3,974	1,63,197	
				Total, Charges	64,78,513	1,44,414	66,22,927	
G	ul	H	ava	Balance Net Revenue	1,61,68,018	5,81,467	1,67,29,485	
Grand Total	2,26,46,53	7,05,881	2,33,52,412	Grand Total	2,26,46,531	7,05,881	2,33,52,412	

N.B.—Last Capital account detailed in the Administrative Accounts for 1907-1908. Construction Estimate closed on 31st March 1879, vide G. R. No. 1411, dated 12th September 1893. Completion Report approved in G. R. No. 927, dated 11th June 1895.

Particulars.	Previous.	1908-1909.	Total.			
REVENUE-				Rs.	Rs.	Rs.
 Capitalized abatement of Land Revenue Leave and Pension Allowances 	•••		•••	13,424 1,45,799	30 3,944	13,454 1,49,743
		Total	•••	1,59,223	3,974	1,63,197

RESIDENCY.

PUBLIC WORKS DELICIONALIST.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

SUTTAH CANAL.

CANAL PROJECT.

No. 2.- Capital Account for, and to end of, 1908-1909.

		D	RECT CHARGES.		Cost of con-	Expenditure against	
Heads	of Account.	Previous.	1908-1909.	Total.	estimated.	closed estimates.	
	-Works.	Rs.	Rs.	Rs.	Rs.	Rs.	
B. Land D. Regulators G. Bridges L. Earth-work M. Plantations O. Miscellaneous	anals and Branches.	70 000	1,449	1,449 70,889 7,872 56,679 2,904	5,000 69,902 7,872 56,679 1,000 2,625	•••••	
Total, Mai	n Canals and Branches	1,38,344	1,449	1,39,793	1,43,078	••••	
IIE	Total, I.—Works	1,38,344	1,449	1,39,793	1,43,078	•••••	
1 & 2. Direction and 3. Executive		94 000	· · · · · ·	6,917 24,902	6,901 24 ,8 5 4	•••••	
	Total, Establishment	31,819		31,819	31,758		
III.—Tools and Plan	NT	2,076	///	2,076	2,071	*****	
V.—Less Receipts on	Grand Total Capital Account	1,72,289	1,449	1,73, 688	1,76,907	*****	
	Net Outlay	1,72,239	1,4#9	1,73,688	1,76,907	*****	
	TIONMENT.					·	
Chargeable to 43,—Mi	nor Works and Navigation	1,72,239	1,449	1,73,688	1,76,907	*****	

No. 3.—Revenue Account for, and to end of, 1908-1909.

n		TOTAL.			TOTAL.			
Receipts.	Previous.	1903-1909.	Total.	Clarges.	Previous.	1908-1909.	Total.	
I.—DIRECT RECEIPTS. 1. Water-rates from Irri-	Rs.	Rs.	Rs.	I.—EXTENSIONS AND	Rs.	Rs.	Rs.	
gation 6. Other canal produce 11. Miscellaneous receipts	71 25 —160		90 26 —200	2. Main Canals and Branches .	ite	601	60	
Total		—20	 84	Improvements	-7,976	— 1,994	—9 ,97	
II.—Indirect Receipts.				Total	7,976	1,393	9 ,36	
Irrigation share of Land Revenue collected in the Civil Department	45, 825	7,496	53,321	II.— Maintenance and Repairs.				
4 per cent on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 &		,,		2. Main Canals and Bran- ches	26,146	16,440	42,59	
58 A. I., dated respectively 20th. June and 1st August 1889, communicated in Government Resolution				IV.—ESTABLISHMENT.	-			
No. 1209, dated 10th July, and No. 1213, dated 7th November 1889.	517	297	814	1 & 2. Direction and Accounts.	5 89	604	1,1 ^g	
Total	46,342	7,793	54,135	3. Executive	-3,504	2,636	<u>—</u> 86	
Total, Receipts	46,278	7,773	54,051	Total	-2,915	3,240	35	
Carried over	46,278	7,773	54,051	Carried over	15,255	18,287	33,54	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

SUTTAH CANAL.

CANAL PROJECT.

No. 3.-Revenue Account for, and to end of, 1908-1909.

		Total.				Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
Brought forward	Rs. 46,278	Rs. 7,773	Rs. 54,051	Brought forward	Rs. 15,255	Rs. 18,287	Rs. 33.542
	4			V.—Tools and Plant	-537	56	- 593
Note.—Loss to the canal on account of difference be- tween assessment of water- rates on jaghir lands and assessment at the ordinary rates in force for Government			/// <u> </u>	Total	14,718	18,231	32,949
lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department	2,592	449	3,041
To end of 1907-1908 1,125 Loss for 1908-1909 365 Total 1,490				Indirect Charges debitable to Revenue Account as per Account No. 5	- 407	4 54	47
;				Total Charges	16,903	19,134	36,037
				Balance Net Revenue	29,375	11,361	18,014
Grand Total	46,278	7,773	54,051	Grand Total	4 6 ,2 78	7,773	54,051

BOMBAY PRESIDENCY.

1908-1909.

Total.

Previous.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

SUTTAH CANAL.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1908-1909.

Particulars.

	···-								
CAPITAL— 2. Leave and Pension	on Allowa	nces	•••			Rs 4,	454	Rs.	Rs. 4,454
REVENUE— 2. Leave and Pension	on Allowa	nces					407	454	47
Λ	70. 6.—Sta	itement con	ipa r ing C	Charges to	date with	sanctioned	Estimates.		
	Снаво	GES AGAINST O SANCTIONS,	PLOSED	Cur	RENT SANCT	IONS.	Total	1	
Particulars,	Expenditure against Construction Estimate.	Expendi- ture against Open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.	charges to date against old and current Sanctions.	· Re	marks.
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Works	***	100		1,39,793	1,43,078	3,285	1,39,7 93	j	
Establishment		•••	•••	31,819	31,758	61	31,819		
Tools and Plant	•••	•••	***	2,076	2,071	-5	2,07 6		
Total			•••	1,73,688	1,76, 907	3,219	1,73,688		
Receipt on Capital Account	ul	H	a v	at	ln	st	tu	Estimate Governu No. 2475	of 11th October
Net Total	•••	•••	/	1,73,688	1,76,907	3,21 9	1,73,688	complete charges. Engineer	The Executive has been asked
Indirect Charges.								ernment	sanction of Gov- to cless the con- Estimate and
Capitalized abatement of Land Revenue	•••		•••		3, 925	3,925	•••	provide t in the sc plete wor	he land charges hedule of incom- ks.
Leave and Pension Allowances	•••	•••	•••	4,454	4,445	—9	4,454		
Total	•••	•••	***	4,454	8,370	3,916	4,454		
Grand Total	•••		•••	1,78,142	1,85,277	7,135	1,78,142		

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

ALIBHAR KACHERI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

	-	Total.				Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
I.—DIRECT RECEIPTS. 1. Water-rates from Irrigation	Rs.	Rs. 391	Rs. 19,854	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
5. Plantations 6. Other canal produce 10. Fines	0 071	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3,274 115	2. Main Canals and Branches	3,319	•••	3,319
11. Miscellaneous receipts	1,621	92	1,713	4. Drainage and Pro- tective Works	245	• • •	245
Total	24,451	505	24,956	Total	3,564	•••	3,564
II.—Indirect Receipts. Irrigation share of Land Revenue collected in				II.— MAINTENANCE AND REPAIRS.			
the Civil Department. 4 per cent. on 70 ths of the proceeds from sales of occu-	1,65,487	6,324	1,71,811	2. Main Canals and Branches	50,800	- 3,32 7	47,473
pancy rights per Govern- ment of India Nos. 53 and 58 A.I., dated respectively, 20th June and 1st August		K	14/	3. Distributaries Total	12,672 63,472		12,672 60,145
1889, communicated in Government Res ol u tion No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	8,898	835	9,733	IV.—Establishment.			
Total		7,159	1,81,544	1 & 2. Direction and Accounts 3. Executive	8,410 14,510	75 —66 5	8,48 5 13,84 5
				Total	22,920	 590	22,330
Total, Receipts	1,98,836	7,664	2,06,500	V.—Tools and Plant	443	25	418
Note.—Loss to the canal on				VI.—REFUNDS OF RE- VENUE	19	•••	19
account of difference be- tween assessment of water- rates on Jaghir lands and				Total	90,418	-3,942	86,476
assessment at the ordinary rates in force for Govern- ment lands noted here, per Government of India letter No. 233-L, dated	ful	Н	[ay	Share of Collection Charges in the Civil Department	16,937	404	17,341
14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883:— Rs.				Indirect Charges debit- able to Revenue Ac- count as per Account No. 5	3,771	83	3,688
To end of 1907-19084,64,428 Loss for 1908-1909 3,069					1,11,126	-3,621	1,07,505
Total 4,67,497				Balance Net Revenue	•	11,285	98,995
Grand Total	1,98,836	7,664	2, 06, 5 00	Grand Total	1,98,836	7,664	2,06,500

N.B.—Last Capital Account detailed in the Administrative Accounts for 1877-78. Construction estimate closed on 31st March 1875, vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

Particulars.	 			Previous.	1908-1909.	Total.
REVENUE — 2. Leave and Pension Allowances	 	•••	•••	Rs. 3,771	Rs. —83	Rs. 3,688

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

MA'RAK GREAT CANAL.

CANAL PROJECT.

No. 3.-Revenue Account for, and to end of, 1908-1909.

		Total.		O1		Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909	Total.
I Direct Receipts. 1. Water-rates from	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
Irrigation 5. Plantations 6. Other canal produce 8. Navigation	90,144 } 13,885	{ 1,008	92,860 } 14,893 124	2. Main Canals and	31,280	1,2 96	32,576
9. Rents of buildings. 10. Fines 11. Miscellaneous receipts	1,044	113	142 1,157 10,163	II.—MAINTENANCE AND			
Total	1 1 5 0 5 0		1,19,339	1. Head Works	3,416	•••	3,416
II.—Indirect Receipts				2. Main Canals and Branches	0 == 000	1,644	3,72,926
Irrigation share of Land Revenue collected in		03 214	20,41,237	Total	3,74,695	1,644	3, 76,3 42
the Civil Department 4 per cent. on $\frac{9}{70}$ ths of the		30,214	_0,11,20	IV.—Establishment. 1 & 2. Direction and Ac-		-	•
proceeds from sales of occu pancy rights per Govern ment of India Nos. 53 and 58 A. I., dated respectively			11/2	counts 3. Executive	22,975		23,440 1,21,165
20th June and 1st Augus 1889, communicated in Government Resolution			ME	Total	1,42,880	1,725	1,44,605
No. 1209, dated 10th July and No. 1913, dated 7th November 1889	05 740	2,986	28,73	V.—Tools and Plant	2,341	—158	2,183
Total		96,200	20,69,972	VIREFUNDS OF REVENUE	40		40
Total, Receipts	20,89,12	1,00,187	2 <mark>1,</mark> 89, 31	Total	5 ,51,239	4,507	5,55,746
Note.—Loss to the canal of account of difference between assessment of water rates on Jaghir land	s			Share of Collection Charges in the Civic Department		5,763	1,75,631
and assessment at the ordinary rates in fore for Government land noted here, per Governmen of India letter No. 233-L	e s t	т.		Indirect Charges debit able to Revenue Account as per Accoun	-		
dated 14th June 1883, communicated under Government Resolution No. 400 dated 11th August 1883;-		Hа	ly a	Total, Charges	22,076	-	22,817 7,53,634
Rs. To end of 1907-1908. 4,61,42 Loss for 1908-1909 17,85	8			Balance Net Revenue			14,35,617
Total 4,82,28	_			- Grand Total	. 20,89,12	4 1 00 187	2 1, 89,311
Grand Total	, ⁱ 20,80 ,1 25	1,00,187	21,89.31	1		-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

N.B.—Las. Capital Account detailed in the Administrative Accounts for 1898-99. Construction Estimate closed on 31st March 1882, vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

${f P}$ articulars.				Previous.	1908-1909.	Total,
REVENUE—				Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue 2. Leave and Pension Allowances	•••		•••	772 21,304	 241	772 $21,545$
		Total		22,076	241	22,317

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

SARFRAZWA'H. CANAL PROJECT.

No. 3 .- Revenue Account for, and to end of, 1908-1909.

		TOTAL.		CI.		TOTAL.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
I.—DIRECT RECEIPTS. 1. Water-rates from	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
Irrigation 5. Plantations 6. Other canal produce 10. Fines	57,378 13,863 40	7	\$ 14,044 40	2. Main Canals and Branches	34,388	1,980	36,368
11. Miscellaneous receipts	3,95 6	414	4,370	II.—MAINTENANCE AND REPAIRS.			
Total	75,237	1,585	76,822	2. Main Canals and			
II.—Indirect Receipts.				Branches	2,58,869	7,961	2,66,830
Irrigation share of Land Revenue collected in				4. Drainage and Protective Works	6,778	•••	6,778
the Civil Department	6,77,982	41,728	7,19,710	Total	2,65,647	7,981	2,73,608
4 per cent. on To the of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolutions				IV.—ESTABLISHMENT. I & 2. Direction and Accounts	20,656 69,768		21,538 71,760
No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	1 5,209	1,285	16,494	Total	90,424		93,298
Total	6,9 <mark>3,1</mark> 91	43,013	7,36,204	V.—Tools and Plant	657	<u>-136</u>	521
Total, Receipts	7,68,428	44,598	8,13,026	VI.—REFUNDS OF RE- VENUE	4	•••	4
Note.—Loss to the canal on account of difference be-				Total	3,91,120	12,679	4,03,799
tween assessment of water- rates on Jaghir lands and assessment at the ordi- nary rates in force for Government lands noted here, per Government of				Share of Collection Charges in the Civil Department	59,852	2,563	62,415
India letter No. 233-I. dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.	1	Н	ay	Indirect Charges debitable to Revenue Account as per Account No. 5	a desa		15,598
To end of 1907-19082,64,264 Loss for 1908-1909 12,310		·		Total, Charges	4,66,163	15,644	4,81,807
Total 2,76,574				Balance Net Revenue	3,02,265	28,954	3,31,219
Grand Total	7,68,428	44,598	8,13,026	Grand Total	7,68,428	44,5 98	8,13,026

N.B.—Last Capital Account detailed in the Administrative Accounts for 1881-82. Construction Estimate closed on 31st March 1876, vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

Particulars,				Previous.	1908-1909.	Total.
REVENUE— 1. Capitalized abatement of Land Revenue 2. Leave and Pension Allowances	***	•••	•••	Rs. 1,117 14,074	Rs402	Rs. 1,117 14,476
					-	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.-MINOR WORKS AND NAVIGATION.

FULELI CANAL.

CANAL PROJECT.

No. 3. - Revenue Account for, and to end of, 1908-1909.

.		Total.		GI.		Total.	
Receipts.	Previous.	1908-1909,	Total.	Charges.	P revious.	1908-1909.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	10,67,711	27, 389	10,95 ,10 0	2. Main Canals and Branches.	1,31,409	2,61 6	1,3 4,025
3. Sales of water	. 512		717	Distributaries	450	•••	450
b. Plantations6. Other canal produc	99,586	218 4,698		Total	1,31,859	2 ,6 1 6	1,34,475
9. Rents of buildings 10. Fines	64,743 747 8,257	56	64,743				
11. Miscellaneous receipts		6,942	1,11 ,816	1. Head Works	169	· •••	169
Total	13,46,430	40,759	13,8 7,18 9	2. Main Canals and Branches	<mark>42,</mark> 81,236	39,539	4 3,20,77 5
II.—Indirect Receipts	S.			3. Distributaries	1,155	•••	1,155
Irrigation share of Lan Revenue collected i the Civil Depart ment	n	4,48,343	1,31,92,494		42,82,560	39,539	13,22,099
4 per cent. on $\frac{9}{10}$ ths of th	e			IV.—ESTABLISHMENT.			
proceeds from sales of occupancy rights per Government of India Nos. 53 am 58 A. I., dated respective 20th June and 1st Augus 1889, communicated in Go	1- 1- ad y st	Ha	ya	1 & 2. Direction and Accounts	004750	4,227	2,68,39 9
ernment Resolution N 1209, dated 10th July, an	0.	,		3. Executive	8,71,296	12,006	8,83,302
No. 1913, dated 7th No ember 1889		11,081	1,11,611		11,35,468	16,233	11,51,701
Total .	1,28,44,681	4, 59,424	1,33,04,105				
Total, Receipts .	1,41,91,11	5,00,183	1,46,91,294	V.—Tools and Plant	21,077	366	21,443
Carried over .	1,41,91,11	5,00,183	1,46,91,294	Carried over	55 , 70,964	58,754	56,29,718

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.
43.—MINOR WORKS AND NAVIGATION.

FULELI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

-		Total.		al.	Total.			
Receipts.	Previous.	1908-1909.	Total.	Charges,	Previous.	1908-1909.	Total.	
Brought forward	Rs.	Rs. 5,00,183	Rs.	Brought forward	Rs. 55,70,964	Rs. 58,754	Rs. 56,29,718	
Note.—Loss to the canal on account of difference be- tween assessment of water- rates on Jaghir lands and			4	VI.—Repunds of Revenue	3,714	•••	3,714	
assessment at the ordinary rates in force for Government lands noted here, per Government of India dated letter No. 233-I., conmunicated under Government Resolution No. 400, dated 11th August 1883.	N			Total	55,74,678	58,754	56,33,432	
Rs. To end of 1907-1908. 40,15,090 Loss for 1908-1909. 1,48,639 Total41,63,729				Share of Collection Charges in the Civil Department	11 ,59 ,695	28,611	11,88,306	
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,01,507	2,304	2 , 03,81 1	
Gı	1 1	На	ıya	Total Charges Balance Net Revenue	THE	ге		
Grand Total	1,41,91,111	5,00,183	1,46,91,294	Grand Total	1,41,91,111	5 ,00,1 83	1,46,91,£91	

N.B.—Last Capital Account detailed in the Administrative Accounts for 1907-1908. Construction Estimate closed on 31st March 1893, cide G. R. No. 1035, dated 27th June 1894. Completion Report approved in G. R. No. 1035, dated 27th June 1894.

Particulars.		Previous.	1908-1909.	Total.
REVENUE— 1. Capitalized abatement of Land Revenue 2. Leave and Pension Allowances	•••	Rs. 15,421 1,86,08 6	Rs. 31 2,273	Rs. 15,452 1,88,359
Total	•••	2,01,507	2,304	2,03,811

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

HASANALIWAH.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

				D	IRECT CHARGES	J.	Cost of con- struction as now estimated (con-	Expenditure
Heads of	Account.			Previous.	1908-1909.	Total.	struction estimate closed on 31st March 1907).	against closed estimates.
I.—Wo	orks.			Rs.	Rs.	Rs.	Rs.	Rs.
(2)—Main Cana	ls and I	Branch es	•					
B. Land	••• ·		•••	9,019	•••	9,019	7,219	7,219
D. Regulators		•••		19,836	7,556	27, 39 2	46,504	19,836
G. Bridges	•••	•••	•••	19,448		19,448	19,448	1 9,448
K. Buildings			•••	6,789		6,789	6,789	6,789
L. Earth-work	****	1	•••	1,25,1 70	1111	1,25,170	1,25,170	1,25,170
Total, Main Canal	s and B	ranches	•••	1,80,262	7,556	1,87,818	2,05,130	1,78,462
(3) — $Distr$	ributarie:			WE	=(44//	4		
B. Land		•••	• • •	3,495	•••	3,495	3,495	3,495
C. Works		•••	•••	17,559	1,615	1 9,174	19,174	19,174
L. Earth-work	•••	•••	•••	12,945	•••	12,945	12,945	12,945
Total	l, Distril	outaries	•••	3 3,99 9	1,615	35,614	35,614	35,614
To	otal, I.—	Works		2,14,261	9,171	2,23, 432	2,40,744	2,14,076
II.—Esta	BLISHME	NT.			V			*
1 & 2. Direction	and Acc	ounts	•••	10,086	458	10,544	52,919	10,170
3. Executive	***	***	•••	36,314	1,651	37,965	52,519	36,615
Total	, Establi	shment	•••	46,400	2, 109	48,509	52,919	46,785
III.—Tools and	PLANT	•••	•••	5,113	137	5,250	5,538	5,138
	Gran	d Total	•••	2, 65, 7 74	11,417	2,77,191	2,99,201	2,6 5,999
Apporti	ONMENT.							
Chargeable to 43	-Minor Nav	Works vigation	and 	2,65,774	1 1,4 1 7	2,77,191	2,99,201	2, 65,999

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

HASANALIWAH.

CANAL PROJECT.

No. 3 - Revenue Account for, and to end of, 1908-1909.

		Total.				Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
1, Water-rates from irrigation 6. Other canal produce 10. Fines	75 9 56 1	-41 527 300	718 1,088 300	Branches	7,674	4,877	12,551
10. Fines 11. Miscellaneous receipts	1, 019	40		II.—MAINTENANCE AND			
Total	2,339	746	3, 085	2. Main Canals and Branches	43,711	11,725	55,436
II.—Indirect Receipts. Irrigation share of			////2	IV.—Establishment.			
Land Revenue col- lected in the Civil	1,39,910	27,478	1,67 ,38 8	1 & 2. Direction and	3,856 14,522		5,092 17,844
proceeds from sales of occu- pancy rights per Govern- ment of India Nos. 53 and 58 A. I., dated respectively 20th June and 1st August	=			Total	18,378	4,558	22,936
1889, communicated in Gov- ernment Resolution No. 1209, dated 10th July, and				V.—Tools and Plant	478	57	535
No. 1913, dated 7th November 1889	931	36S 27.846	1,299 1,68,687	Total	70,241	21,217	91,458
Total Receipts		ļ	1,71,772				
Note.—Loss to the canal on account of difference be-				Charges in the Civil Department		1,646	10,018
tween assessment of water- rates on Jághir lands and assessment at the ordinary rates in force for Govern-		H	ay	Indirect Charges debit- able to Revenue Ac-	Itt	rte	
ment lands noted here, per Government of India letter No. 233-I., dated 14th June 1883, com- municated under Govern-				count as per Account No. 5		638	3,211
ment Resolution No. 400, dated 11th August 1883.				Total Charges	81,186	23,501	1,04,687
To end of 1907-1908. 4,333 Loss for 1908-1909. 1,568 Total 5,901				Balance Net Revenue	6 1, 9 94	5 , 09 1	67,085
20001 000 0,001	<u> </u>	<u> </u>					
Grand Total	1,43,180	28,592	1,71,772	Grand Total	1,43,180	28,592	1,71,772

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-07.

Construction Estimate closed on 31st March 1907, vide G. R. No. 1802, dated 15th July 1907.

Completion Report approved in G. R. No. 1802, dated 15th July 1907.

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BOMBAY PRESIDENOY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

HASANALIWAH.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1908-1909.

Particulars,	Previous.	1908-1909.	Total.	
CAPITAL—	Rs.	Rs.	Rs.	
1. Capitalized abatement of Land Revenue	6,545	•••••	6,545	
2. Leave and Pension Allowances	•••	6,496	295	6,791
Total	•••	13,041	295	13,336
REVENUE-				
2. Leave and Pension Allowances	•••	2,573	638	3,21 1

No. 6 .- Statement comparing Charges to date with Sanctioned Estimates.

		100						•
	Снавсе	S AGAINST CI		Curr	RENT SANC	Tions,	Total charges to	
Particulars.	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	date against old and current sanctions.	Remarks.
DIRECT CHARGES.	Rs.	`Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works Establishment Tools and Plant	F 174	372	2,14,076 46,785 5,138	9,356 1,724 112	26,668 6,134 400	17,312 4,410 288	2,23,432 48,509 5,250	
Total	2,63,988	2,011	2,65,999	11,192	33,2 02	22,010	2 ,77,1 91	
Less—Receipts on Capital Account.	• • •	•••	•••	•••	•••	•••	• . •	
Net Total	2,63,988	2,011	2,85,999	11,192	33,202	22,010	2,77,191	Government Resolution No. 3247 of 23rd December 1908. Ra. 34,061.
Indirect Charges.								
Capitalized abate ment of Land Re venue	- 0545	•••	6,545			•••	6 , 545	
Leave and Pension Allowances	0.400	52	6,550	241	859	618	6,7 91	
Total	13,04	52	13,095	241	859	618	13,336	
Grand Total	2,77,031	2,063	2,79,094	11,433	34,061	22,628	2,9 0,527	J
	1	1	1	-	,	,		T

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.-MINOR WORKS AND NAVIGATION.

KHA'RI CUT.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

				r	IRECT CHARGES	Cost of con- struction as now estimated.	Expenditure			
	Head	ls of Accoun	t.		Previous.	1908-09.	Total.	(Construction estimate closed on 31st March 1893.)	against closed estimates.	
	I.	Works	•		Rs.	Rs.	Rs.	Rs.	Rs.	
	(1)—	Head Wo	rks.		105	213.	1.5,	168.	103,	
A .	Dualiminame Fre	nongog			850	3	850	0=0	850	
	Preliminary Ex Works	penses	•••		21,877	1,737	23,614	850 21,877	21,877	
		Total.	Head Works	•••	22,727	1,737	24,464	22,727	22,727	
=	(2)—Main C									
A 7					696		808	22.0	40.6	
	Preliminary Exp Land	penses	//	***	71,667	-26,709	696 44,958	696 28,896	6 96 4, 896	
	Regulators	•••			18,707		18,707	17,444	17,444	
F.	River and hill to	orrent wo	rks		2,100		2,100	2,100	2,100	
F(1).		rainage w	orks .	•••	8,827	•••	8,827	129	129	
	Bridges	***	•••	•••	18,365	2,877	21,242	6,286	6,286	
	Earth-work	***	***	•••	2,67,727	101	2,67,727	83,121	49,75 3	
77.	Plantations Tanks and Reser	***		•••	189 13,763		189 13,763	189	189	
	Tanks and Reser Miscellaneous	rvoirs	***		9,261	•••	9,261	13,590 21,908	***	
	Total, Mai	n Canals	and Branches		4,11,302	-23,832	3,87,470	1,74,359	81,493	
	,	-Dist rib ut								
в. 1	Land	•••	•••		4,292	•••	4,292	4,292	4,292	
~ .	\mathbf{Works}	***	•••		18,957	•••	18,957	18,957	18,957	
L . 1	Earth-work	•••	•••	•••	25,191	•••	25,191	25,191	.25,191	
		Total,	Distributaries		48,440	•••	4 8,440	48,440	4 8,440	
		Total	al, I.—Works	•••	4,82,469	- 22,095	4,60,374	2,45,526	1,52,660	
		Establish		ĵ						
1 & 2	2. Direction an Executive	nd Accou	nts	13	20,966 75,421	230 830	21,196 $76,251$	51,186	7,709 28,155	
	- L	ノルノ	Establishment		96,387	1,060	97,447	71 190	35,864	
TTT			rasemption mont	•••				51,186		
111	-Tools and Pi	ANT	0 1 7 1	•••	2,223	69	2,292	3,132	2,133	
			Grand Total	•••	5 ,81,079	20,966	5,60,113	2,99,844	1,90,657	
٧	Less Receipts o	n Capital	Account	•••	181	•••	181	181	181	
			Net Outlay	•••	5,80,898	20,966	5,59,932	2,99,663	1,90,476	
	Appo	RTIONMEN	T.							
Char	geable to-43	-Minor V	Works and Nav	iga-					*,*	
		tion	•••	•••	5 ,5 5 ,740	20,966	5,34,774)	(1,65,318	
		-Civil Pro		•••	1,486		1,486	2,99,663	$\left\{ \begin{array}{c} 1,65,318 \\ 1,486 \\ 23,672 \end{array} \right.$	
		I cool H'u	ind		23,672	•••	23,672	1 2,00,000	23,672	
	Do.	Local Fu	ши ",		,-,-	• •••	,	13	` '	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

KHARI CUT.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

*		Total.			Total.			
Receipts.	Previous. 1908-1909. Total.		Total.	Charges.	Previous.	1908-1909.	Total.	
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.	
1. Water-rates from Irrigation	1,43,245	68,123	2, 11, 368	1. Head Works 2. Main Canals and Branches	469 8,451	1,240	1,709 8,451	
B. Sales of water Water-supply of towns	20	1////	190	3. Distributaries	1,089	•••	1,089	
towns Name of the canal pro-	11,772	(1	12,578	Total	10,009	1,240	11,249	
duce 11. Miscellaneous re-	9,053	805	10,616	II.—Maintenance and Repairs.				
ceipts	1.0000		2,34,772	1. Head Works	19,631	2,092	21,723	
10001		10,102	2,02,110	Branches 3. Distributaries	80,612 8,439		85,743 9,280	
I.—Indirect Receipts				Total	1,08,682	8,064	1,16,746	
Irrigation share of Land Revenue collected in				IV.—ESTABLISHMENT.			,	
the Civil Department			•••	1. and 2. Direction and Accounts 3. Executive	5,420 46,45 2		5,88 5 50,2 7 9	
				Total	51,872	4,292	56,164	
Car	I T	LOZ	704	V.—Tools and Plant	1,681	212	1,893	
Uu	I I	пауа	/at	VI.—REFUNDS OF REVENUE	151		151	
				Total	1,72,395	13,808	1,86,203	
				Share of Collection Charges in the Civil Department	•	3,407	10,546	
				Indirect Charges debitable to Revenue Account as per Account No. 5		663	7,994	
				Total Charges			2,04,743	
Total receipts	1,64,280	70,492	2,34,778		1		30,029	
Grand Total	7.04.004		2,34,772		1,64,280		2,34,772	

N. B.—Construction Estimate closed on 31st March 1893, cide G. R. No. 1411, dated 12th September 1893. Completion Report approved in G. R. No. 683, dated 16th April 1894.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.-MINOR WORKS AND NAVIGATION.

KHARI CUT.

CANAL PROJECT.

Particulars.	Previous.	1908-1909.	Total.		
CAPITAL— 1. Capitalized Abatement of Land Revenue 2. Leave and Pension Allowances			Rs. 26,188	Rs. (a)—18,699 58 148	Rs. 7,547 14,751
	Tota	1	40,791	—18,493	22,298
REVENUE— 1. Capitalized Abatement of Land Revenue 2. Leave and Pension Allowances	•••	•••	66 7,265	62 601	128 7,866
	Tota	d	7,331	663	7,994

⁽a) Capitalization charges on land compensation of Rs. 26,708 written off from the capital account, vide G. R. No. 3138 of 14th December 1908, omitted as per G. M. No. 1803, A. I. of 23rd July 1909.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

		ABGES AGAIN SED SANCTIO		Cu	RRENT SANC	nons.	Total charges to		
Particulars.	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	date against old and current sanctions.	Remarks.	
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Works	1,33,213	19,447	1,52,660	3,07,714	92,866	2,14,848	4,60,374)	
Establishment	31,873	3,991	35,864	61,583	15,322	-46,261	97,447		
Tools and Plant	2,133		2,133	159	999	840	2, 292	, C	
Suspense account .	-28	2 8			•••	•••	***	Government Re-	
Total	1,67,191	23,468	1,9 0,65 7	3,69,456	1,09,187	- 2,60,269	5,60,113	solution No. 270 of 3rd February 1903, Rs. 1,33,832.	
Less—Receipts on Capital Account.	181	•••	181	•••	•••		181	Note.—The excesses have been provided for in the combined project of	
Net Total	1,67,010	23,466	1,90,476	3,69,456	1,09,187	2,60,269	5,59 , 93 2	Hathmati and Khari cut Canals called for in Go-	
Indirect Charges.								vernment Resolu- tion No. 31 of 6th	
Capitalized Abatement of Land			2050		20.500	67.800	7 - 47	January 1908, sanction to which is awaited.	
Revenue Leave and Pension		•••	6,350	1,197	22,5 0 0		7,547		
Allowances		559	6,130	8,621	2,145		14,751		
Total	11,921	559	12,480	9,818	24,645	14,827	22,298		
Grand Total	1,78,931	24,025	2,02,956	3,79,274	1 ,33,832	-2,45,442	5, 82,2 30	j	
1140 00				` ` 	1]		<u> </u>		

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

WANGROLI TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

Неас	Is of Account.		D	IRECT CHARGES		Cost of con- struction as now estimated. (Construction	Expenditure against	
			Previous.	1908-1909.	Total.	estimate closed on 31st March 1909.)	closed estimates.	
1	-Works.		$\mathbf{R}_{\mathbf{S}_{\bullet}}$	Rs.	Rs.	D-	75	
(1)—	-Head Works.		165.	165.	Its.	Rs.	Rs.	
A. Preliminary Ex B. Land C. Masonry Work K. Buildings	•••	• • •	403 16,995 5,415 4,640	300 1,449	403 16,995 5,715 6,089	403 16,995 5,715 6,089	403 16,995 5,715	
L. Earth-work M. Plantations O. Miscellaneous D. Maintanana		•••	81,991 104 1,248 197	693 30 38	82,684 134 1,286 197	82,684 134 1,286 197	6,089 82,684 134 1,286 197	
	Total, Head Works		1,10,993	2,510	1,13,503	1,13,503	1,13,503	
(2)-Main (Canals and Branches.	1						
B. Land C (a) Regulators C (c) River and Hil C (d) Other Cross I	l Torrent Works	•••	4,378 7,563 60 27,701	451 72 187 1,351	4,829 7,635 247 2 9,055	4,829 7,635 247	4,829 7,635 247	
C (e) Bridges C(t). Escapes L. Earth-work M. Plantations	***	•••	4,279 37 17,193 92	1,285 171 50	5,564 208 17,243 103	29,055 5,564 208 17,24 3	29,055 5,564 208 17,243	
O. Miscellaneous P. Maintenance Total Mai	in Canals and Branches	•••	2,772 478	1,873	4,64 5 478	103 4,645 478	103 4,645 478	
10001, 17101		***	64,553	5,454	70,007	70,007	70,007	
	Total, I.—Works	•••	1,75,546	7,964	1,83,510	1,83,510	1,83,510	
1. & 2. Direction a 3. Executive	stablishment. and Accounts otal, II.—Establishment	y	4,631 16,674 21,305	376 1,352 1,728	5,007 18,026 23,033	5,007 18,026 23,033	5,00° 18,026	
III.—Tools and Pi			1,389	113	l	-	23,03	
	Grand Total	•••	1,98,240	9,805	2,08,045	2,08,045	2,08,04	
V.—Less Receipts	on Capital Account	•••	743		743	743	743	
	Net outlay	•••	1,97,497	9,805	2,07,302	2,07,302	2,07,30	
A m	PORTIONMENT.							
	-Minor Works and Nav	iga-	1,40,283	9,805	1,50,088	1,50,088	1,50,088	
Chargeable to 33.—	-Famine Relief	•••	57,214		57,214	57,214	57,21	
	Total		1,97,497	9,805	2,07,302	2,07,302		

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1903-1909.

43.-MINOR WORKS AND NAVIGATION.

WANGROLI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.				Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
I. Water-rates from Irrigation 3. Sales of water 5. Plantations	1,813 448 21	7,315	9,128 448 21	II.—Maintenance and Repairs.	9.540	COL	4 0/69
Other Canal produce 11. Miscellaneous receipts	22 782	17 359	39 1.141	1. Head Works 2. Main Canals and Branches	3,759 897	1,177	4,362 2,074
Total II.—Indirect Receipts.	3,086	7,691	10,777	Total IV.—Establishment.	4,655	1,781	6,436
Irrigation share of Land Revenue collected in the Civil Department	4,56 7	700	5, 26 7	Accounts 3. Executive	233 2,578	88 75 3	32 1 3,331
				Total V.—Tools and Plant	2,811 140	841	3,652
				Total Share of Collection Charges in the Civil Department	7,606	2,664	995
Gu	1 I	Ha	ya	Indirect Charges debitable to Revenue Account as per Account No. 5	U ₃₉₃	e 118	511
			1	Total Charges	8,540	3,236	11,776
Total Receipts	7,653	8 391	16,044	Balance Net Revenue	887	5,15 5	4,268
Grand Total	7,653	8,391	16,044	Grand Total	7,6 5 3	8,391	16,044

N.B.—Construction Estimate closed on 31st March 1909, vide Government Resolution No. 902, dated 31st March 1909. Completion Report called for in Government Resolution No. 902 of 31st March 1909.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.-MINOR WORKS AND NAVIGATION.

WANGROLI TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1908-1909.

Particulars.	Previous.	1908-1909.	Total.		
CAPITAL— 1. Capitalized Abatement of Land Revenue 2. Leave and Pension Allowances			Rs. 28,452 2,983	Rs. 8 242	Rs. 28,460 3,225
	Tota	1	31,435	250	31,685
REVENUE— 2. Leave and Pension Allowances	•••		393	118	811

No. 6 .- Statement comparing Charges to date with sanctioned Estimates.

		HARGES AGAI COSED SANCTI		Ct	JEBENT SANCT	rions.	Total charges to	
Particulars.	Expenditure agains construction estimate.	Expendi- ture against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	date against old and current sanctions.	Remarks.
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	1,83,510	•••	1,83,510	•••	•••	•••	1,83,510	
Establishment	 2 3,033		23,033	•••	•	•••	23,033	
Tools and Plant	1,502	•••	1,502	***		***	1,502	
	2,08,045	Ha	2,08,045	ıt .	l118	tit	2,08,045	
Capital Account	··· 743	•••	743	• • •	•••	•••	743	
Net Total	2,07,302	•••	2,07,302	•••		•••	2,07,302	
INDIRECT CHARGES							-	
Capitalized abateme of Land Revenue	ent 28,460	•••	28,460	•••	•••	. •••	28,460	
Leave and Pensi Allowances	on 3,225	•••	3,225	•••		•••	3,225	
Total	31,685	•••	31,685	•••	•••	•••	31,685	
Grand Total	2,38,987		2,38,987	•••			2,38,987	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

TRANZA NAGRAMA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

		r	IRECT CHARGES	I.	Cost of	
Heads of Account.		Previous.	1908-1909.	Total.	construction as now estimated.	Expenditure against closed estimates.
I.—Works.		Rs.	Rs.	Rs.	Rs.	Rs.
(1)—Head Works.		AB	_			
B. Land C. Masonry Works	•••	28,652 15,336 639	302 10,904	28 954 26,2±0 1,650	\$3,999 26,133 1,650	***
K. Buildings L. Earth-work O. Miscellaneous P. Maintenance		1,30,641 8,275 1,546	1,011 -2.034 -6,026	1,28,557 2,249 1,546	1,28.618 2,219 1,546	•••
Total, Head Works		1,85,08)	4,107	1,89,196	1,94,201	
(2)—Main Canals and Branches.	W					
B. Land C. Masonry Works C (a). Regulators C (d). Other Cross Drainage Works	•••	3,169 512 3,745 4,535	25 9,028 -3 745 -4,565	3,1°5 9,540	3.798 9,466	•••
C (s). Bridges L. Earth-work O. Miscellaneous		1,980 12,944 2,965	-1,930 318 682	13,262 3,647	13,263 3,580	•••
Total, Main Canals and Branches	•••	29,871	-237	29,634	[30,107	•••
(4)—Drainage and Protective Works.						
C. Masonry Works L. Earth-work C. Miscellaneous	•••	206 164	864 1,019 10	1,070 1,019 174	1,070 1,050 175	•••
Total, Drainage and Protective Works	••.	370	1,893	2,263	. 2,265	•••
Total, I—Works II.—Establishment.		2,15,330	5,763	2,21,093	2,26,573	***
1 & 2. Direction and Accounts	•••	2, 808 10,108	272 979	3,050 1 1,087	9,419 33,909	•••
Total, II.—Establishment	•••	12,916	1,251	14,167	43,328	•••
III.—Tools and Plant	•••	842	82	924	2,826	•••
Grand Total		2,29,088	7,096	2,36,184	2,72,727	•••
VLess-Receipts on Capital Account	•••	2		2	1,000	•••
Net Outlay	•••	2,29,086	7,096	2,36,182	2,71,727	•••
APPORTIONMENT.						
Chargeable to 43.—Minor Works and Navi tion Do. 33.—Famine Relief	ga-	1,02,445 1,26,641	7,096	1,09,5 41 1, 26,641	2,71,727	•••
Total	•	2,29,086	7,096	2,36,182	2,71,727	•••

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

TRANZA NAGRAMA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.				Total.	
Receipts.	Previous.	1908-1909.	Total.	Charge s.	Previous.	1908-1909.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation 5. Plantations	810	1,629	2,439 1	1. Head Works II.—MAINTENANCE AND	130	130	260
6. Other canal produce 10. Fines	35 16	26	61 16	REPAIRS. 1. Head Works	3,828	2,199	6,027
11. Miscellaneous ceipts	544	422	966	2. Main Canals and Branches		823	823
Total	1,406	2,077	3,483	Total	3,828	3,022	6,850
II.—Indirect Receipts.	2			IV.—Establishment.			
Irrigation share of Land Revenue collected in the Civil Department	68	23	91	1 & 2. Direction and Accounts 3. Executive	198 2,093	156 1,342	3 54 3,43 5
				Total	2,291	1,498	3,789
: •				V.—Tools and Plant	122	74	.196
Gı	11	Ha	WE	Total Share of Collection		4,724	11,095
Total, Receipts	1,474	2,100	3,574	Charges in the Civil Department	65	105	170
				Indirect Charges debitable to Revenue Account as per Account No. 5		210	5 31
				Total, Charges	6,757	5,039	11,796
				Balance Net Revenue	-5,283	2,939	8,222
Grand Total	1,474	2,100	3,574	Grand Total	1,474	2,100	3,574

EOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.-MINOR WORKS AND NAVIGATION.

TRANZA NAGRAMA TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1908-1909.

Particulars.	Previous.	1908-1909.	Total.
CAPITAL— 1. Capitalized Abatement of Land Revenue 2. Leave and Pension Allowances	Rs. 38,773 1,808	Rs. 449 175	Rs. 39,222 1,983
Total	40,581	624	41,205
REVENUE— 2. Leave and Pension Allowances	321	210	531

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

	CHARG	RS AGAINST O	CLOSED	Cun	RENT SANCTI	ONS.	Total charges to	
Particulars.	Expenditure against construction Expenditure against Open Capital Sanctions.		Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of Estimate.	date against old and current Sanctions.	Вемавке.
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	·
Works	•••	•••	•••	2,21, 093	2,26,573	5,480	<mark>2,21</mark> ,093	Rs. Government of
Establishment	•••	•••	***	14,167	43,328	29,161	14,167	India No. 1792— C.W.1. of 14th December 1904,
Tools and Plant	•••		•••	924	2,826	1,902	924	vide Govern- ment Resolution No. 280 of 28th
Total	7		···	2, 36, 1 84	2,72,727	36,543	2,36 ,1 84	January 1905 3,12,734 Excess on works sanctioned in Government Resolution No. 2876 of 4th December 1907. 10,679
Less—Receipts on Capital Account.	JU	LL	1a)	/a	1,000	9 98	2	December 1907. 10,679 3,23,413
Net Total	•••		,	2,36,182	2,7 1, 72 7	35,5 45	2,36,182	
Indirect Charges.								
Capitalized abatement of Land Revenue		•••	•••	3 9,2 22	45,620	6,3 98	39,222	
Leave and Pension Allowances	•••		•••	1,983	6, 066	4, 083	1,983	
Total	•••		•••	41 ,205	51,686	10,481	41,205	
Grand Total				2,77,387	3,23,413	46,026	2,77,387	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.-MINOR WORKS AND NAVIGATION.

SAVLI TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

	·	. 10	IRECT CHARGE	3,	Cost of	Expenditor
Heads o	f Account.	Previous.	1908-1909.	Total.	construction as now estimated.	against close estimates.
I.—\	Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—He	ad Works.				1	
B. Land C. Masonry World		11,892 32,823	883 2,004	12,775 35,127		
C. Buildings		933	652	1,645		
. Earth-work . Miscellaneous	•••	71,723 634	16,469	88,192 634		
Maintenance	•••	2,992	7	2,939		
	al, Head Works	1,21,057	20,315	1,41,372		
	als and Branches.	(A)	3 11/10		2,03,801	•••••
3. Land			3,738	3,738		
(a). Regulators			151	8,314		
(b). Falls and W	Desirana Warks	3,360 15,050	-322 2,033	3,038 18,013		
(a). Other Cross (e). Bridges	Drainage Works	0 089	170	2,252		
$\mathcal{E}(f)$. Escapes	•••		341	341	11	
. Earth-work	•••	10711	1,555	12,268	 	
. Miscellaneous	•••		1,654	2,423		
. Maintenance	•••	951	7	958	J	
Total, Main Cana	als and Branches	39,986	9,387	49,373	••••	*****
T	otal, I.—Works	1,61,043	29,702	1,90,745	†2,03,801	*****
II.—Est	BLISHMENT.					
& 2. Direction	and Accounts	4,803	1,253	6,056)	
. Executive		. 17,290	3 4,512	21,801	30,546	*****
	ui n	<u> 1V*-11</u>) /	SLIL		****
Total, II.	Establishment	. 22,092	5,7 65	27,857	30,546	•••••
II.—Tools and Pl	ant	. 1,440	} 376	1,817	1,992	•••••
	Grand Total	. 1,84,576	35,843	2, 20, 4 19	2,36,339	••••
Less Receipts	on Capital Account	. 85	162	247	247	*****
	Net Outlay	. 1,84,491	35,681	2,20,172	2,36,092	*****
Appor	IIONMENT.				-	
Chargeable to a		1 05 040	35,681	1,70,721		,
_	3-Famine Relief	49,451	•••	49,451	2,36,092	- ••• ••
	Total	1,84,491	35,681	2,20,172	2,36,092	

[•] Adjusted on account of difference due to annas and pies.

[†] Details by sub-heads of excess sanctioned by a work slip as per Government Resolution No. 1558, dated 22nd June 1909, called for from Executive Engineer.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.
43.—MINOR WORKS AND NAVIGATION.

SA'VLI TANK. TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.		Charries	Total.			
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.	
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.	
1. Water-rates from Irrigation	•••	2,395	2,395	II.—Maintenance and		•••		
10. Fines	•••	14	14	Repairs. 1. Head Works		329	329	
11. Miscellaneous receipts		60	60	2. Main Canals and Branches		290	290	
				Total	••••	619	619	
Total II.—Indirect Receipts.	•••	2,469	2,469	IV.—Establishment. 1 & 2. Direction and Accounts 3. Executive	***	31 266	3 1 266	
Irrigation share of Land Revenue collected in the Civil Department.				Total	•••	297	297	
	-			VTools and Plant	•••	15	15	
Total, Receipts	•••	2,469	2,469	Total	•••	931	931	
				Share of Collection Charges in the Civil Department	•••	120	120	
G	ul	На	aya	Indirect Charges debitable to Revenue Account as per Account No. 5 Total, Charges	tui	1,093	1,093	
e e				Balance Net Revenue		1,376	1,376	
Grand Total	•••	2,469	2,469	Grand Total	•••	2,46 9	2,469	

EOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

SA'VLI TANK.

TANK PROJECT.

Particulars.	Particulars.						
CAPITAL—				Rs.	Rs.	Rs.	
1. Capitalized Abatement of Land Revenue			•••	9,563	6,311	15,874	
2. Leave and Pension Allowances				3,093	807	3,900	
		Total		12,656	7,118	19,774	
REVENUE— 2. Leave and Pension Allowances	<u>, </u>	IIII	•••		42	42	

No. 6 .- Statement comparing Charges to date with sanctioned Estimates.

	CHARG	es against (Sanctions.	OLOSED	Ou	BRENT SANC	TIONS.	Total charges to	
Particulars.	Expendi- ture against construc- tion estimate.	Expendi- ture against open capital sanctions.	Total.	Charges to date.	Amount of sarctioned estimate.	Unspent balance of estimate.	late against old and current sanctions.	Remarks.
Direct Charges.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works Establishment Tools and Plant	•••		•••	1,90,745 27,857 1,817	2,03,801 30,546 1,992	13,056 2,689 1/5	1,90,745 27,857 1,817	
Total	11	Πi	iy.	2 ,2 0,419	2,36,339	15,920	2,20,419	e
Less—Receipts on Capital	• • •	•••	•••	247	247	•••	247	Government Resolution No.
Net Total		•••	•••	2,20,172	2,36,092	15,920	2,20,172	355 of 4th February 1905 2,49,222
Indirect Charges.								Excess sanc- tioned by a
Capitalized abatement of Land Revenue Leave and Pension		•••		15,874	18,240	2,3 66	15,874	workslip, (vide Govern- ment Resolu- tion No. 1559 of 22nd June
Allowances	***	•••	•••	3,900	5,279	1,379	3,900	1909) 10,389 2,59,611
Total	•••	•••	•••	19,774	23,519	3,745	19,774	2,00,012
Grand Total	•••	•••	•••	2,39,946	2,59,611	19,665	2,39,946]

BOMBAY PRESIDENCY.

PUBLIC. WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.-MINOR WORKS AND NAVIGATION.

SARIAT TANK.

TANK PROJECT.

No. 2 .- Capital Account for, and to end of, 1908-1909.

	D	irect Charges.		Cost of	Expenditure	
Heads of Account.	Previous.	1908-190£.	Total.	construction as now estimated.	against closed estimates.	
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.	
(1)—Head Works.						
A D V 1 TO	158	40	198	200		
B. Land	(a)1,004		1,004	29,200	*****	
C. Masonry Works		993	993	4,250	•••••	
K. Buildings			40.000	3,617	*****	
L. Earth-work M. Plantations		20,742	40,282	49,653 100	*****	
P. Maintenance	••••	***	*****	1,000	•••	
A. Mandenance						
Total, Head Works	20,702	21,775	42,477	88,020	*** • • •	
(2)—Main Canals and Branches.						
A. Preliminary Expenses		163	163	200	*****	
B. Land			*****	2,196	••••	
C(a). Regulators	• •••••	22	2 2	2,900	•••••	
C(c). River and Hill Torrent Works	• •••••	24	24	555 4,016	*****	
C(d). Other Cross Drainage Works C.(e) Bridges	•		27	4,632	•••••	
C(f). Escapes			**** C	* 210	*****	
L. Earthwork		9,167	9,167	22,750	*****	
M. Plantations		***	*****	200	*****	
O. Miscellaneous		450	450	2,871	*****	
P. Maintenance	. 42	•••	42	1,400	•••••	
Total, Main Canals and Branches	42	9,826	9,868	41,960	•••••	
Total, I.—Works	20,744	31,601	52,345	1,29,980	*****	
II.—Establishment.						
1 & 2. Direction and Accounts 3. Executive	10	1,580 5,686	1,590 5,722	22,674	•••••	
4. Medical	1ay	at 1.	HOU	LUEUV	•••••	
Total, Establishment	. 46	7,266	7,312	2 2,67 4	*****	
III.—Tools and Plant	. 3	474	477	1,479	*****	
Grand Total	20,793	39,341	60,134	1,54,133	*****	
.—Less Receipts on Capital Account		•••	•••••	•••••	*****	
Net Outlay	20,793	39,341	60,134	1,54,133		
Apportionment.						
Chargeable to 43.—Minor Works and	1			Ì		
Navigation 33. Famine Relief	1,253	39,341	40,5 9 4 19,5 40	} 1,54,133	*****	
Total	20,793	39,341	60,134	1,54,133	*****	

⁽a) Land compensation charges incurred in previous years and debited to works for which only Revenue Accounts are kept now transferred.

⁽b) Normal outlay on Famine expenditure brought to account.

The above two charges have been provided for in the sanctioned estimate of the work.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

SAHIAT TANK.

TANK PROJECT.

	Particulars,	Previous.	1908-1909,	Total.	
			Rs.	Rs.	Rs.
CAPIT	AL—				
2.	Leave and Pension Allowances		6	1,017	1,028

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

	Á	Снавя	es against o Sanctions.	LOSED	CURR	ent Sanotic	ons.	Total charges to		
Particulars,	t	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total,	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	date against old and current sanctions.	Remarks.	
DIRECT CHARGES.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Works	•••	101		•••	52, <mark>34</mark> 5	1,29,980	77,635	5 ² ,345	1	
Establishment	•••	•••	•••		7,312	22,674	15,362	7,312		
Tools and Plant	•••	•••	•••		477	1,479	1,002	477		
Total	•••			•••	60,134	1,54,133	93,999	60,134		
Less—Receipts on Catal Account	pi	1	•	•••	•••	•••	•••	•••		
Net Total	•••	•••	•••		60,134	1,54,133	93,999	60,134	Government Reso- lution No. 1077, of 20th April	
Indirect Charges. Capitalized abatement	1		Ha	va	ıt]	ns	tıt	ut	1909 1,86,782	
Land Revenue	•••		•••	√	•••	29,475	29,475	•••		
Leave and Pens Allowances	ion	•••	•••	•••	1,023	3,174	2, 151	1,023		
Total	•••				1,023	32,649	31,626	1,023		
Grand Total	•••		•••	•••	61,157	1,86,782	1,25,625	61,157		

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

HARTALA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

Desciple	Total.				Total.			
Receipts.	Previous.	1908-1909.	Total.	Charges,	Previous.	1908-1909.	Total	
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and	Rs.	Rs.	Rs.	
1. Water-rates from irrigation 5. Plantations 6. Other canal produce . 11. Miscellaneous receipts.			15,720 } 3,340 13,777	IMPROVEMENTS.	22	•••	22	
Total	32,3 29	508	32, 837					
II.—Indirect Receipts.								
Irrigation share of Land Revenue collected in the Civil Department				II.—MAINTENANCE AND REPAIRS.	*			
Total, Receipts	32,329	508	32, 837	1. Head Works	3,435	35	3,470	
				3. Distributaries	1,264	47	1,311	
				Total —	4,699	82	4, 78 1	
Gı		Ha	ya	IV.—Establishment. 1 & 2. Direction and	tut	е		
				Accounts	353	4	357	
				3. Executive	4,607	125	4,732	
				Total	4,960	129	5,089	
Carried over	32,329	508	32,837	Carried over	9,681	211	9,892	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

HARTALA TANK.

TANK PROJECT.

No. 3.-Revenue Account for, and to end of, 1908-1909.

Danish		Total.		Charges,		Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges,	Previous.	1908-1909.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward	32,3 29	508	32, 837	Brought forward	9,681	211	9,892
				V.—Tools and Plant	2	1	3
				VI.—REFUNDS OF RE-	2, 957	•••	2,957
	7	-////	B	L'otal	12,640	212	12 ,8 52
				Share of Collection Charges in the Civil Department Indirect Charges debitable to Revenue Account as per Account No. 5		18	729
			·	Total, Charges Balance Net Revenue	14,767 17,562		15,015 17,822
Grand Total	32,329	5 08	32,837	Grand Total	32,329	508	32,83 7

N.B.—Last Capital Account detailed in the Administrative Accounts for 1886-87. Construction Estimate closed on 31st March 1887—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

No. 5.—Account of Indirect Charges for, and to end of; 1908-1909.

Particulars.	Previous.	1908-1909.	Total,
REVENUE-	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	711	18	729

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

MHASVA TANK.
TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

Danish		Total.				Total.			
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total,		
I.—DIRECT RECEIPTS. 1. Water-rates from	Rs.	Rs.	R3.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.		
Irrigation 3. Sales of water	18,960	1,846	20,806 14	3. Distributaries	586	•••	5 86		
5. Plantations6. Other canal produce9. Rents of buildings11. Miscellaneous re-	154	{ 192 139	} 5,591 154	II.—Maintenance and Repairs,					
ceipts	5,566	521	6,087	1. Head Works 3. Distributaries	3,0 1 4 14,247		3,130 14,600		
Total	29,954	2,698	32,652	Total	17,261	469	17,730		
II.—Indirect Receipts			777	IV.—Establishment.		ŀ			
Irrigation share of Land Revenue collected in the Civil		7-4	#	1 & 2. Direction and Accounts 3. Executive	1,277 17,563		1,301 18,00 8		
Department	***			Total	18,840	469	19,309		
Makal Dandaka	00.054	9,000	00.070	V.—Tools and Plant	809	7	816		
Total Receipts	29,954	2,698	32,652	Profit and Loss	149	• • • • • • • • • • • • • • • • • • • •	149		
			7	VI.—Refunds of Reve- nue	181	•••	181		
				Total	37,826	945	38,771		
				Share of Collection Charges in the Civil Department	973	92	1,065		
G	11	Н	377	Indirect Charges debit- able to Revenue Ac- count as per Account No. 5	2,812	66	2,878		
U	ИI	110	ı y c				42,714		
				Balance Net Revenue	—11,657	1,59 5	10,062		
Grand Total	29,954	2,698	32,652	Grand Total	29,954	2,698	32,652		
Grand Total	29,954	2,698	32,652	No. 5 Total, Charges Balance Net Revenue	2,812 41,611 —11,657	1,103 1,59 5	42,714 —10,062		

N.B.—Last Capital Account detailed in the Administrative Accounts for 1893-94. Construction Estimate closed on 31st March 1887-Vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

Particulars.				Previous.	1908-1909.	Total.
REVENUE— 1. Capitalized Abatement of Land Revenue 2. Leave and Pension Allowances	***		•••	Rs. 15 2.797	Rs	Rs. 15 2.863
2. 20070 020 2000	***	Total	• • •	2,812	66	2,878

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

JAMDA CANAL.

CANAL PROJECT.

No. 3 .- Revenue Account for, and to end of, 1908-1909.

		Total.		,		Total.	
Receipts.	Previous.	1908-1909.	Total,	Charges.	Previous.	1908- 1909.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and Improvements	Rs.	Rs.	Rs.
1. Water-rates from irrigation 3. Sales of water	2, 01 ,9 57 20 <mark>2</mark>	8,328	2,10,285 202	2. Main canals and Branches 3. Distributaries	3,055 1 ,584	•••	3,05 5 1,584
5. Plantations 6. Other canal produce .	30,329 1,839	{ 1,190 478 36	31,997 1,875	Total	4,639		4,639
9. Rents of produce 10. Fines 11. Miscellaneous re-	97	27	97 1,801	II.—Maintenance and Repairs.			
ceipts Total	2,36,198	10,059	·	1. Head Works 2. Main Canals and Branches	2,03,492		15,69 4 2,04,792
II.—Indirect Receipts.		111	//_=	3. Distributaries	. 12,888 2,30,610	659 3 423	13,54 7 2,34,0 33
Revenue collected in the Civil Department	1			IV.—ESTABLISHMENT.		0,120	
ane civil Doparta	1			1 & 2. Direction an Accounts 3. Executive	THE PLACE	171 2,651	17,933 1,74,644
		7		Total .	<mark>1,89</mark> ,755	2,822	1,92,577
				V.—Tools and Plant.	FI	52	4,778
Total, Receipts	.2,36,198	10,059	2,46,257	Profit and Loss VI.—Refunds of Revent	84 JE 555	16	84 571
					4,30,369	-}	4,36,682
				Share of Collectic Charges in the Civ Department		417	10,449
Gu	ıl I	Ha	ya	Indirect Charges deb able to Revenue A count as per Accor No. 5	.c-	395	30,199
			_	Total Charges Balance Net Revenue	470,205 -2,34,00	7,125 7,934	
Grand Total	2,36,19	8 10,05	9 2,46,25	Grand Total	2,36,198	10,059	2,46,257

N.B.—Last Capital Account detailed in the Administrative Accounts for 1901-02. No. 5.—Account of Indirect Charges for, and to end of, 1908-1909.

Particulars.			Previous.	1908-09.	Total.
REVENUE— 1. Capitalized Abatement of Land Revenue 2. Leave and Pension Allowances	 ••• Total	•••	Rs. 231 29,573 29,804	Rs. 395	Rs. 231 29,968 30,199
	10081	•••	23,004	090	30,199

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

PARSUL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

_		Total.				Total.	
Receipts,	Previous.	1908-1909	Total.	Charges.	Previous.	1909- 1909-	Total.
	Rs.	Rs.	Rs.	I.—Extensions and	Rs.	Rs.	Rs.
I.—Direct Receipts.				Improvements.	•••		
1. Water-rates from irrigation 5. Plantations 6. Other canal produce. 11. Miscellaneous re-	31,929 132	3,504 17 219	35,433 149 444	II.—Maintenance and Repairs. 1. Head Works	3,533	134	3,667
ceipts	154	20	174	3. Distributaries	2,184	138	2,32 2
Total	32,440	3,760	36,200	Total	5,717	272	5,989
II.—Indirect Receipts.			STE	IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts 3. Executive	654 9,767	9 695	66 3 1 0, 4 62
11.—INDIRECT RECEIPTS.			1	Total	10,421	704	11,125
Irrigation share of Land Revenue collected in the Civil Department	1		4.1	V.—Tools and Plant VI.—Refunds of Revenue	40		63 9 46
Total, Receipts	32,440	3,760	36,200	Total	16,799	1,000	17,799
	1 1			Share of Collection Charges in the Civil Department	1,597	175	1,772
Gl		на	ya	Indirect Charges debit able to Revenue Ac- count as per Accoun- No. 5	1,458	-	1,557
				Total Charges	. 19,854	1,274	21,128
				Balance Net Revenue	. 12,586	2,486	15,072
Grand Total	32,440	3,760	36,200	Grand Total	32,440	3,760	36,200

N.B.—Last Capital Account detailed in the Administrative Accounts for 1897-98. Construction Estimate closed on 31st March 1895—vide Government Resolution No. 396, dated 14th March 1896. Completion Report approved in Government Resolution No. 241, dated 17th February 1896.

		,			
Particulars.		}	Previous.	1908-1 900.	Total.
REVENUE— 2. Leave and Pension Allowances	***	•••	Rs. 1,458	Rs. 99	Rs. 1,557

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

PRAVARA RIVER WORKS-OJHAR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

75		Total.				Total.	Total,	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1909-1909.	Total.	
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.	
1. Water-rates from Irrigation	1,93,640	14,294	1,97,931	1. Head Works 2. Main Canals and Branches	25 2, 5 03	•••	25 2,503	
3. Sales of water5. Plantations6. Other Canal	6,315	\int_{0}^{2}	23 } 6,830	Total	2,5 28	•••	2,528	
Produce 9. Rents of buildings 10. Fines 11. Miscellane o u s Receipts	59 356 5 ,909	463	61 436 6,173	II.—MAINTENANCE AND REPAIRS. 1. Head Works 2. Main Canals and Branches 3. Distributaries	3,067 1,06,964 10,450	212 + 2,778 239	3,27 9 1,09,742 10,689	
Total	1,96,30)	15,157	2,11,457	Total	1,20,481	3,229	1,23,710	
II.—INDIRECT RECEIPTS. Irrigation share of Land Revenue col-		SI		IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts 2. Executive	8,841 1,30,345	161 4,077	9,00 2 1, 34 ,422	
lected in the Civil Department		• • • •		Total V.—Tools and Plant	1,39,186 1,842		$\frac{1,43,424}{2,286}$	
Enhanced Land Revenue per Government Resolution				VI.—Refunds of Re- venue	1,015	24	1,039	
No. 275, dated 17th July 1880.	2,201	76	2,280	Total	2,65,052	7,935	2,72,987	
Total Total Receipts	2,204	76 15,233	2,280 2,13,737	Share of Collection Charges in the Civil Department.	9,395	732	10,127	
Total Receipts	1,00,001	H	ay	Indirect Charges debitable to Revenue Account as per Account No. 5 Total, Charges		حسد استثالت	20,72 2 3,03,836	
				Balance Net Revenue	9 6,072	5,973	-90 .099	
Grand Total	1,98,504	15,233	2, 13, 737	Grand Total	1,98,504	15,233	2,13,737	

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-07. Construction Estimate closed on 31st March 1893—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1856, dated 9th December 1895.

dated 9th December 1895.

Note.—This work is a part of the Pravara River Irrigation Project but separate account has been maintained until the new project is completed sufficiently to give an increased supply of water to the other canals—vide Government of India No. 1951-I of 18th September 1408, communicated in Government Resolution No. 2721 of 20th October 1908.

Particulars.			Previous.	1908-1909.	Total.
REVENUE— 1. Capitalized abatement of Land Revenue 2. Leave and Pension Allowances	•••	***	Rs. 6 20,123	Rs. 593	Rs. 6 20,716
	Tot	al	20,129	593	20,722

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

BHA'TODI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.				Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
	Rs.	Rs.	Rs.	I.—Extensions and Im	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works	. 194	***	194
1. Water-rates from Irrigation	1,03,729	3,836	1,07,565	2. Main Canals and Branches	1	451	451
3. Sales of water	4	•••	4	Total	. 194	451	645
5. Plantations 6. Other Canal Produce	3,529	6	8,716	II.—MAINTENANCE AND REPAIRS. 1. Head Works	. 15,468	155	15,623
9. Rents of buildings	114		126	2. Main Canals and Branches	62,214	1,087	63, 301 3,667
10. Fines 11. Miscellaneous Re-	285		277		01.007	1,304	82,591
ceipts	1 5,141	776	15,917	III.—Compensation	. 9	•••	9
Total	1,22,802	4,803	1,27,605				·
II.—INDIRECT RECEIPTS. Irrigation share of	1			1 & 2. Direction and Accounts 3. Executive	5,229	88 1,613	5,3 17 66,142
Land Revenue col- lected in the Civil Department	•••	•••	•••	Total	·/	1,701	71,459
Revenue on lands irrigated by perco-				V.—Tools and Plant		241	862
lation per Govern- ment Resolution				VI.—REFUNDS OF REVENUE		14	544
No. 1757, dated 16th October 1891 Increased Land Reve-	2 4,77 7	1,204	25,981	Total Share of Collection Charges			1,56,110
nue per Govern- ment Resolution No. 203, dated 30th	4,674	146	4,820	in the Civil Department Indirect Charges debitable	8,142	312	8,454
				per Account No. 5	10101	238	10,429
Total	29,451	1,350	30,801	Total, Charges	1,70,732	4,261	1,74,993
Total, Receipts	1,52,253	6,153	1,58,406	Balance Net Revenue	-18,479	1,892	-16,587
Grand Total	1,52,253	6, 1 53	1, 58,406	Grand Total	1,52,253	6,153	1,58,406

N.B.—Last Capital Account detailed in the Administrative Accounts for 1891-9?. Construction Estimate closed on 31st March 1892—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1797, dated 19th November 1894.

Previous.	1908-1359.	Total.
Rs. 102 10,089 10,191	Rs238	Rs. 102 10,327 10,423
	10,089	102 238

BOMBAY PRESIDENCY.

PUBLIO WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

Ka'surdi Tank.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		TOTAL,				TOTAL.	
Receipts. 🤝	Previous.	1908-1909.	Total,	Charges.	Previous.	1908-1909.	Total.
	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
1.—Direct Receipts							
1. Water-rates from Irrigation	6,837	254	7,091	2. Main Canals and Branches	81	•••	31
3. Sales of water	20		20	II.—Maintenance and Repairs.			
5. Plantations 6. Other Canal	2,348	{	2,348	1. Head Works 3. Distributaries	15,399 457		15,492 663
Produce		· · · ·		Total	15,856	299	16,155
11. Miscellan e ous Receipts	4.000	156	4,543	IV.—Establishment.			
Total	13,592	410	14,002	1 & 2. Direction and Accounts 3. Executive	1,34 1 7,614	15 230	1,356 7,84 4
				Total	8,955	245	9,200
IIIndirect Receipts				V.—Tools and Plant	1,447	50	1,497
Irrigation share of				Total	. 26,289	594	26,883
Land Revenue col- lected in the Civil Department		•••	•••	Share of Collection Charges in the Civil Department	340	13	353
Total, Receipts	13,592	410	14,002	Indirect Charges debitable to Revenue Account as per Account No. 5	1,380	34	1,414
· (📺	11	H_2	V^2	Total, Charges	. 28,009	641	28,650
	VF.I.	1.0	77	Balance Net Revenue	14,417	-231	-14,648
Grand Total	13,592	410	14,002	Grand Total	. 13,592	410	14,002

N.B.—Last Capital Account detailed in the Appropriation and Outlay Accounts for 1877-78. Construction Estimate closed on 31st March 1878—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 997, dated 21st June 1894.

Particulars.	•	Previous.	1908-1909,	Total.
REVENUE— 2. Leave and Pension Allowances	•••	Rs. 1,380	Rs. 34	Rs. 1,414

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

SHIRSUPHAL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.			Total.			
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.	
	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.	
I.—DIRECT RECEIPTS.				1. Head Works	606	•••	606	
1. Water-rates from Irrigation	00 704	2,103	62,807	II.—MAINTENANCE AND				
3. Sales of water	3	•••	3	REPAIRS. 1. Head Works	8,468	421	8,89 2	
5. Plantations		(3. Distributaries	25,844	681	26,525	
6. Other Canal Produce	2,929	20	2,949	Total	34,312	1,105	35,417	
11. Miscellaneous re-			////	IV.—Establishment.				
ceipts	001	388	992	1 & 2. Direction and Accounts 3. Executive	3,411 26,086	5 5 915	3,46 6 27,001	
Total	64,240	2,511	66,751	Total	29,497	970	30,467	
IIIndirect Receipts			Ħ	V.—Tools and Plant	1,363	50	1,413	
Irrigation share of Land				VI.—Refunds of Reve-	16	•••	16	
Revenue collected in the Civil Department.			•••	Total	65,794	2,125	67,919	
Total, Receipts	64,240	2,511	66,751	Share of Collection Charges in the Civil Department		105	3,140	
G	ul	H	ay	Indirect Charges debitable to Revenue Account as per Account No. 5		te ₁₃₆	4,308	
			***	Total, Charges	73,001	2,3 66	75,367	
				Balance Net Revenue	-8,761	145	8,616	
Grand Total	64,240	2,511	66,751	Grand Total	64,240	2,511	66,75 1	

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st October 1893. Completion Report approved in Government Resolution No. 328, dated 22nd February 1894.

Particulars.		Previous.	1908-1909.	Total.
REVENUE— 2. Leave and Pension Allowances	•••	Rs. 4,172	Ks. 136	Rs. 4,308

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

BHADALVÁDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

Receipts.	-			-			
	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
D	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
Water-rates from Irrigation	6 5 ,289	1,045	66,334	2. Main Canals and Branches II.—Maintenance and	643		643
Sales of water Plantations Other Canal Pro-	18	 }	18	1. Head Works	4,837 22,244	285 855	5,122 23 ,099
duce Miscellaneous re-		210		Total	27,081	1,140	28,221
Total	67,667	1,255	68,922	1 & 2. Direction and Accounts	<mark>2,</mark> 521	57	2 ,5 7 8
NDIRECT RECEI <mark>PTS.</mark> ation share of Land		1		3. Executive Total	20,873 23,394	1,017	21,890 24,468
venue collected in Civil Department	•••	•••		V.—Tools and Plant VI.—Refunds of Re-	1,263	50	1,313
				Total Share of Collection	52,427	2,264	46 54,691
otal, Receipts	67,667	1,255	68,922	Department Indirect Charges debit-	3,263	52	3,315
00		T.L.	Ju	as per Account No. 5	3,279 58.969	2466	3,429
Grand Total	6 7 667	1 95#	68 Q 9 a	Balance Net Revenue	8,698	-1,211	61,435 7,487 68,922
	Irrigation Sales of water Plantations Other Canal Produce Miscellaneous receipts Total Total Total Colrect Receipts. Ation share of Landrenue collected in Civil Department	Water-rates from Irrigation 65,289 Sales of water 18 Plantations Other Canal Produce 1,125 Miscellaneous receipts 67,667 Total 67,667 Total 67,667	Water-rates from Irrigation 65,289 1,045 Sales of water 18 Plantations Other Canal Produce 210 Miscellaneous receipts 67,667 1,255 Total 67,667 1,255 ADIRECT RECEIPTS. Ation share of Landwenue collected in Civil Department 67,667 1,255	Water-rates from Irrigation 65,289 1,045 66,334 Sales of water 18 18 Plantations Other Canal Produce 1,125 210 1,335 Miscellaneous receipts 67,667 1,255 68,922 Figure Receipts 67,667 1,255 68,922 Otal, Receipts 67,667 1,255 68,922	DIRECT RECEIPTS. Water-rates from Irrigation 65,289 1,045 66,334 II.—MAINTENANCE AND REPAIRS. Sales of water 18 18 18 II.—MAINTENANCE AND REPAIRS. Plantations Other Canal Produce 1,235 1,335 3. Distributaries Total IV.—Establishment. Total 67,667 1,255 68,922 1 & 2. Direction and Accounts 3. Executive IV.—Refunds of Revenue collected in Civil Department VI.—Refunds of Revenue Account as per Account No. 5 Total, Charges Indirect Charges debitable to Revenue Account as per Account No. 5 Total, Charges Balance Net Revenue	Direct Receipts Direct Receipts Sales of water 18	I. Extensions and Improvements I. Extensions and Improvements I. Extensions and Improvements I. Extensions and Improvements I. Extensions and Improvements I. Extensions
N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96.

Construction Estimate closed on 31st March 1891—vide Government Resolution No. 1411, dated 12th September 1893.

Completion Report approved in Government Resolution No. 827, dated 17th May 1894.

Particulars,		•	Previous.	1908-1909.	Total.
REVENUE— 2. Leave and Pension Allowances	•••	•••	Rs. 3,279	Rs. 150	Rs. 3,429

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

VICTORIA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

				D	IBECT CHARGES	.	Cost of	F-non-3it
	Hee	ds of Account.		Previous.	1908-1909.	Total.	Construction as now estimated.	Expenditure against closed estimates.
	I.—Works. (1)—Head Works.			Rs.	Rs.	Rs.	Rs.	Rs.
				AB.	•			
A.	Preliminary Ex	penses	•••	•••		•••	600	
В.	Land	•••	•••	4,052		4,052	13,200	•••
C.	Masonry Work		•••	***	•••	***	60,033	•••
K. L.	Buildings Earth-work	***	•••	40,743		40,743	1,000 2,72,179	•••
и. Р.	Maintenance	•••	•••	426	14	440	632	
		Total, Head Works		45,221	14	45,235	3,47,644	
	10) Fr 1	71	•••	40,221	14	40,400	0,17,042	
	(2)—Main	Canals and Branches.	1	1				
Ā.	Preliminary Ex	kpenses		•••		•••	200	•••
₿ .	Land	***	•••	•••	•••	•••	4 500	•••
C. K.	Masonry Work Buildings		• • •	•••	•••	•••	4,500	***
L.	Earth-work	•••	•••	•••	***	•••	1,420	•••
	Total, Ma	in Canals and Branches	•••	•••	•••	•••	6,400	•••
		Total, L.—Works	•••	45,221	14	45,235	3,54,044	
	II.—E	STABLISHMENT.						-
	2. Direction a		•••	2,050	1	2,051	17,038	•••
3.	Executive	***	•••	7,383	3	7,386	61,337	
		1.1. L.I.	_	r en ek	10.0		+	
	T	otal, II.—Establishment	W	9,433	4	9,437	7 8, 3 75	
III.	Tools and Pla	int	w/	543	•••	543	5,111	•••
		Grand Total		55,197	18	55,215	4,37,530	•••
٧.	-Less Receipts of	on Capital Account	•••	125	•••	125		
	•	Net Outlay		55,072	18	55,090	4,37,530	
	App	ORTIONMENT.						
Ch	argeable to	43.—Minor Works	and					
UIL	irReania m	Navigation	and	10,368	18	10,386)	
	Do.	33.—Famine Relief	•••	44,704		44,704	4,37,530	•••
		Total	•••	55,072	18	55,090	4,37,530	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.-MINOR WORKS AND NAVIGATION.

VICTORIA TANK.

TANK PROJECT.

Particulars.		Previous.	1908-1909.	Total.
CAPIT'AL—		Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue 2. Leave and Pension Allowances	*** ***	2,463 1,320	1	2,463 1,321
1111	Total	3,783	1	3,784

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

		AGAINST ANCTIONS.		CURRE	NT SANCT	CIONS.			
Particulars.	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sauctioned Estimate.	balance of	Total charges to date against old and current Sanctions.	R emar es	
Direct Charges.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Works Establishment Tools and Plant Total	1		ay:	45,235 9,437 543 	78,875 5,111	3,08,809 68,938 4,568 3,82,315	9, 4 37 5 4 3	Government of India's No. 449-1. of 22nd March 1905, vide Government Resolution No. 1218 of 6th May 1905, Rs. 4,61,003.	
Less—Receipts or Capital Account	1	•••	•••	125	•••	—125	125		
Net Total Indirect Charges.			•••	55,090	4,37,530	3,82,440	55,090		
Capitalized abatement of Land Revenue Leave and Pension		•••	•••	2,463	12,500	10,037	2,463		
Allowances	•••	-	•••	1,321	10,975	9,652	1,321		
Total				3,78	23,473	19,689	3,784		
Grand Total	•••		•••	58,874	4,61,003	4,02,129	58,874		

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

KOREGAON TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.				Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total
I.—Direct Receipts.	Rs.	Rs.	Rs.	I.—Extension and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	15,346	780	16,126	Head Works II.—MAINTENANCE AND	1,596	424	2,020
5. Plantations 6. Other Canal Produce	} 1,109	{ ···	1,16 5	REPAIRS. 1. Head Works 2. Main Canals and Branches	5,079 262	109	5,188 262
11. Miscellaneous receipts	121		121	3. Distributaries	4,504	206	4,710
Total	16,576	836	17,412	Total	9,845	315	10,160
IIIndirect Receipts Irrigation share of Land Revenue collected in the Civil Department	4	à	3,089	IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts 3. Executive Total	871 8,633	37 942 979	908 9,575 10,483
one civil treparement	. 0,000	•••	0,000	V.—Tools and Plant Total	21,226	1,733	296 22,959
Total	3,089	•••	3,089	Share of Collection Charges in the Civi Department	1,117	39	1,156
Total, Receipts	19,665	836	20,501	Indirect Charges debitable to Revenue Account a per Account No. 5	S	137	1,470
				Total, Charges Balance Net Revenue	23,676 -4,011	1,909 -1,073	25,585 5,084
Grand Total	19,665	836	20,501	Grand Total	. 19,665	836	20,501

* This amount is to end of January 1879, after which the revenue is credited as direct water-rates.

**N.B.—Last Capital Account detailed in the Administrative Accounts for 1890-91.

Construction Estimate closed on 31st March 1892—vide Government Resolution No. 1411, dated 12th September 1893.

Completion Report approved in Government Resolution No. 654, dated 11th April 1894.

Particulars.	,	Previous.	1908-1909,	Total.
REVENUE— 2. Leave and Pension Allowances	•••	Rs. 1,333	Rs. 137	Rs. 1,470

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

Ashti Tank.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.			•	Total.	`
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous,	1908-1909.	Total.
	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works 3. Distributaries	39,902 7	•••	39,9 02 7
1. Water-rates from Irrigation	97,258	11,492	1,08,750	Total	39,909	•••	39,909
3. Sales of water	2 90	1	291	II.—MAINTENANCE AND REPAIRS.			
5. Plantations 6. Other Canal pro-		1 6	11,859	1. Head Works 2. Main Canals and	29,295	798	30,093
duce 9. Rents of buildings.	342	(255		Branches 3. Distributaries	45,058 4,128		46,28 2 4,165
11. Miscellaneous receipts	5,087	115	5,202	Total	78,481	2,059	80,540
Total	1,14,565	11,897	1,26,462	3 1860 E	15		15
250				IV.—Establishment.			
*11.—IndibectReceipts				1 & 2. Direction and Accounts 3. Executive	10,218 52,304	103 1,751	10,321 5 1,055
Irrigation share of Land				Allowance for Collection of Revenue	100	•••	182
Revenue collected in the Civil Department		•••	•••	Total	62,70	1,854	61,558
				V.—Tools and Plant	1,69	43	1,737
	,			Total	1,82,80	3,956	1,86,759
Gu	11	Ŧя	Wa.	Share of Collection Charges in the Civil Department	4.40	575	4,769
Matal Bassints	1 14 505	11,897	1,26,46	Indirect Charges debit able to Revenue Account as per Accoun	t	0 850	0.000
Total, Receipts	1,14,565	11,097	1,20,40	No. 5 Total, Charges	1.95.83	-	9,099
			-	Balance Net Revenue			74,165
Grand Total .	1,14,56	11,897	1,26,46	}			1,26,462

N.B.—Last Capital Account detailed in the Administrative Accounts for 1901-02.

Construction Estimate closed on 31st March 1893—nide Government Resolution No. 1411, dated 12th September 1893.

Completion Report approved in Government Resolution No. 490, dated 15th March 1894.

Particulars.	Previous.	1908-1903.	Total
REVENUE— 2. Leave and Pension Allowances	 Rs. 8,839	Rs. 260	Rs. 9,039

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

PATHRI TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1908-1909.

			DIRECT CHARGES		Cost of construction as now estimated.	Expenditure against
Heads of A	ecount.	Previous.	1908-1909.	Total.	(Construction esti- mate closed on 31st March 1909.)	closed Estimates
I.—Wo	RKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—Head	Works.					
A. Preliminary Expe	nses	5 35	*****	5 35	535	535
B. Land		82,232	*****	82,232	82,232	82,232
C. Masonry Works	•••	66,693	2	66,695	66, 695	66,695
K. Buildings		3,155	•••••	3,155	3,155	13,155
L. Earth-work		3,15,152	18	3,15,170	3,15,170	3,15,170
P. Maintenance	•••	1,501	•••••	1,501	1,501	1,501
Tota <mark>l,</mark>	Head Works .	4,69,268	20	4,69,288	4,69,288	4,69,288
(2)—Main Canal	s and Branches.		JP ////			
A. Preliminary Exp C. Masonry Works L. Earth-work	enses	1,315	1,078 1,060 5,881	2,393 1,060 5,881	2,393 1,060 5,881	2,393 1,060 5,881
Total, Main Canals	and Branches	1,315	8,019	9,334	9,334	9,334
Tot	al, I.—Works	4,70,583	8,039	4,78,622	4,78,622	4,78,622
II.—ESTAB	LISHMENT.					
1 & 2. Direction as	nd Accounts	19,395	397	19,792	19,792	19,792
3. Executive	•••	69,726	1,431	71,157	71,157	71,157
Total, II	Establishment	89,121	1,828	90,949	90,949	90,949
III,—Tools and Pi	ANT	6,768	at Ir	6,768	6,768	6,768
1	Grand Total	5,66,472	9,867	5,76,339	5,76,339	5,76,339
V.—Less Receipts o	n Capital Accour	nt. 1,796		1,796	1,796	1,796
	Net Outlay	5,64,676	9,867	5,74,543	5,74,543	5,74,543
A PPORTIC	nment.					
Chargeable to 43.—	-Minor Works a vigation	nd 1,69,446	9,867	1,79,313	1,79,313	1,79,318
Do. 33.—	Famine Relief	3,95,230	••••	3,95,230	3,95,230	3,95,230
	Total	5,64,676	9,867	5,74,543	5,74,543	5,74,548

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

PATHRI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.				TOTAL.	
${f Reoeipts}.$	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
I.—Direct Receipts.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	869	636	1,5 05	II.—Maintenance and Repairs. 1. Head Works	•••	764	764
5. Plantations	•••	7	7	IV.—Establishment.			
6. Other Canal produce		60	60	1 & 2. Direction and Accounts		38	38
9. Rents of buildings.		/1	//_1	3. Executive	•••	138	138
-				Total	884	176	176
Total	869	704	1,573	V.—Tools and Plant	•••	•••	•••
	1		4	Profit and Loss	•••		•••
				VI.—REFUNDS OF RE-		•••	***
II.—Indirect Receipts.				Suspense Account		•••	•••
Irrigation share of Land	ıl 1	На	ya	t Instit	ut	e ⁹⁴⁰	940
Revenue collected in the Civil Department.	•••	•••	•••	Share of Collection Charges in the Civil Department	4 3	32	7 5
Total, Receipts	869	704	1,573	Indirect Charges debitable to Revenue Account as per Account No. 5	•••	25	25
				Total, Charges	43	997	1,040
				Balance Net Revenue	826	-293	533
Grand Total	869	704	1, 573	Grand Total	869	704	1,573

Construction estimate closed on 31st March 1909, vide Government Resolution No. 1654 of 6th July 1909. Completion report called for in the above Government Resolution is awaited.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.-MINOR WORKS AND NAVIGATION.

PATHRI TANK.

TANK PROJECT.

Particulars.				Previous.	1908-1909.	Total.
CAPITAL— 1. Capitalized abatement of Land Revenue 2. Leave and Pension Allowances	***		•••	Rs. 104 12,477	Rs. 256	Rs. 104 12,733
		Total	•••	12,581	256	12,837
REVENUE— 2. Leave and Pension Allowances			***	800. 11	25	25

No. 6. - Statement comparing Charges to date with sanctioned Estimates.

		ES AGAINST (SANCTIONS.	CLOSED	Сив	RENT SANCT	TIONS.	Total charges to	
Particulars.	Expenditure against construction Estimate.	Expendi- ture against open Capital Sanctions.	Total.	Charges to date.	Amount of sanc- tioned Esti- mate.	Unspent balance of Estimate.	date against old and current Sanctions.	Remarks
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works Establishment Tools and Plant	4,78,622 90,949 6,768	•••	4,78,622 90,949 6,768	•••	• • •	•••	4,78,622 90,949 6,768	
Total	5,76,339	•••	5,76,339	***	•••	•••	5,76,339	
Less—Receipts on Capital Account.	1,79 6		1,7 96		•••	•••	1,796	
Net Total	5,74,54 3	ГI	5,74,54 3	il.	IIIS	SULL	5,74, 543	
Indirect Charges.								
Capitalized abatement of Land Revenue	104	***	104	•••	•••	•••	104	
Leave and Pension Allowances	12,73 3	•••	12,73 3	•••	•••	•••	12,733	
Total	12,837	***	12,837			•••	12,837	
Grand Total	5,87,380	•••	5,87,380	•••	•••		5,87,380	

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.-MINOR WORKS AND NAVIGATION.

REVA'RI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		TOTAL.	Ì			Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
I.—DIRECT RECEIPTS.	Rs,	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	1,37,637	4,366	1,42,003	1. Head Works 2. Main Canals and Branches	510 1,117	•••	510 1,117
3. Sales of water	11	***	11	Total	1,627	•••	1,627
5. Plantations 6. Other canal produce. 9. Rents of buildings.		{ "131 36	} 2,748 528	II.—MAINTENANCE AND REPAIRS. 1. Head Works 2. Main Canals and Branches	866 45,551 46,417	56 994 1,050	922 46,545 47,467
11. Miscellaneous receipts	1,40,761	4,533	1,45,294	IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts 3. Executive	1,968 31,380	52 389	2,020 31,769
			, , , ,	Total	33,348	441	33,789
II.—Indirect Receipts				V.—Tools and Plant	1,009	27	1,036
Irrigation share of Land Revenue collected in				VI.—REFUNDS OF RE-	19		19
the Civil Department		•••		Total	82,420	1,518	83,938
Total, Receipts	1,40,761	4,533	1,45,294	Share of Collection Charges in the Civil Department Indirect Charges debitable to Revenue Ac-	6,842	218 CC	7,060
				No. 5 Account	5,732	62	5,794
				Total, Charges	94,994	1,798	96,792
•			-	Balance Net Revenue	45,767	2,735	48,502
Grand Total	. 1,40,761	4,533	1,45,294	Grand Total	1,40,761	4,533	1,45,294

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96.

Construction Estimate closed on 31st March 1893, vide Government Resolution No. 1411, dated 12th September 1893.

Completion Report approved in Government Resolution No. 489, dated 15th March 1895.

					,
Particulars.			Previous.	1908-1909.	Total.
REVENUE— 2. Leave and Pension Allowances	•••	•••	Rs. 5,732	Rs. 62	Rs. 5,794

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

UPPER MAN RIVER WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.		Charmer		TOTAL.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
I.—Direct Receipts.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	98,696 6	5,132	1,03,828	1. Head Works 3. Distributaries	20,145 170	•••	20,145 17 0
3. Sales of water5. Plantations	5	···	6	Total	20,315	•••	20,315
6. Other canal produce. 9. Rents of buildings 10. Fines		37 27	3,497 729 3	II.—Maintenance and Repairs.			
11. Miscellaneous receipts		•••	50	1. Head Works 3. Distributaries	11,863 58,589	498 1,824	12,36 1 60,41 3
	2.00.075			Total	70,452	2,322	72,774
Total	1,02,917	5,196	1,08,113	III.—Compensation	1		1
II.—Indirect Receipts. Irrigation share of Land Revenue collected in the Civil Department	1			IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts 3. Executive Total	4,161 39,401 43,562	116 862 978	4,277 40,263 44,540
				Total V.—Tools and Plant	2,299		2,449
Total, Receipts	1,02,917	5,196	1,08,113	VI.—REFUNDS OF REVE-	167		167
				Total	1,36,796	3,450	1,40,246
Gul Ha	ul	1 H	aya	Share of Collection Charges in the Civil Department Indirect Charges debitable to Revenue Ac-	4,925	257	5,182
			count as per Account No. 5	6,67 5	137	6,812	
		Total, Charges Balance Net Revenue	1,48,396 45,479	3,844 1,352	1,52,240 -44,127		
Grand Total	1,02,917	5,196	1,08,113	Grand Total	1,02,917	5,196	1,08,113

N.B.—Last Capital Account detailed in the Administrative Accounts for 1900-01.

Construction Estimate closed on 31st March 1892—vide Government Resolution No. 1411, dated 12th September 1893.

Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

Particulars.	Previous.	1908-1909.	Total.
REVENUE— 1. Capitalized abatement of Land Revenue 2. Leave and Pension Allowances	Rs. 24 6,651	Rs.	Rs. 24 6,788
Total	6,675	137	6,812

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.-MINOR WORKS AND NAVIGATION.

YERLA RIVER IRRIGATION WORKS.

TANK PROJECT.

No. 3.-Revenue Account for, and to end of, 1908-1909.

		Total.	•			Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1 908-1909.	Total.
I.—Direct Receipts.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation 3. Sales of water	2,08,983 23		2,26 ,601 23	1. Head Works	47,261	•••	47,261
5. Plantations6. Other Canal pro-	13,544		14,209	Branches	965	•••	965
duce 9. Rents of buildings.	562	665	562	Total	4 8,2 2 6	•••	48,226
11. Miscellaneous receipts	1,726		1,736	II.—Maintenance and Repairs.			
Total	2,24,8 38	18,293	2,43 ,1 31	1. Head Works 2. Main Canals and Branches	11,407 88,786	446 2,719	11,853 91,50 5
				3. Distributaries	1 5,733	438	16,171
I.—Indirect Receipts.				Total	1,15,926	3,603	1,19,529
Turing in all CT and				IV.—Establishment.			
Irrigation share of Land Revenue collected in the Civil Department		•••		1 & 2. Direction and Accounts 3. Executive	7,316 71,764	180 1,534	7,496 73,298
Total, Receipts	2,24 ,838	18,293	2,43,131	Total	79,080	1,714	80,794
rotaly recoupes				V.—Tools and Plant	2,721	151	2,872
~				VI.—REFUNDS OF REVENUE	37	20	57
Gu		lav	vat	Total	2,45,990	5,488	2,51,478
				Share of Collection Charges in the Civil Department	10,443	881	11,324
•				Indirect Charges debit- able to Revenue Ac- count as per Account			
				No. 5	12,2 7 5	240	12,515
]. 	Total, Charges	2,68,708	6,609	2,75,317
				Balance Net Revenue	-43,870	11,684	-32,186
Grand Total	2,24,838	18,293	2,43,131	Grand Total	2,24,838	18,293	2,43,131

N.B .- Last Capital Account detailed in the Administrative Accounts for 1907-08.

Construction Estimate closed on 31st March 1895—vide Government Resolution No. 666, dated 19th May 1896. Completion Report approved in Government Resolution No. 1419, dated 8th October 1897.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

YERLA RIVER IRRIGATION WORKS.

TANK PROJECT.

• Particulars.	Previous.	1908-1909.	Total.		
CAPITAL— 1. Capitalized abatement of Land Revenue 2. Leave and Pension Allowances	Rs. 22,633 22,644	Rs. 51	Rs. 22,684 22,644		
	Total	•••	45,277	51	45,328
REVENUE— 2. Leave and Pension Allowances		•••	12,275	240	12,515

No. 6. - Statement comparing Charges to date with sanctioned Estimates.

	CHARG	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			
Particulars.	Expenditure against construction estimate.	Expendi- ture against open capital sanctious.	Total.	Charges to date.	Amount of sanctioned estimate.*	Unspent balance of estimate.	charges to date against old and current sanctions.	Remares.
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works Establishment Tools and Plant	5,27, <mark>482</mark> 1,10,120 7,965		5,53,195 1,15,996 7,965	36,461 8,190 100	42,842 9,193 857	6,381 1,003 757	5,89,656 1,24,186 8,065	
Total	6,45,567	31,589	6,77,156	44,751	52,892	8,141	7,21,907	
Less—Receipts on Capita Account	2,365	тт	2,365				2,365	
Net Total	6,43,202	31,589	6,74, 7 91	44,751	52,892	8,141	7,19,542	te
Indirect Charges.								*Government of India's No. 248, dated 10th September 1897, vide Government Resolution No. 1419, dated 8th October 1897, Rs. 52,892,
Capitalized abatement o Land Revenue Leave and Pension Allow	. 22,368	265	22,633	51	•••	-51	22,684	
ances	20,675	823	21,498	1,146		-1,146	22,644	
· Total	43,043	1,088	44,131	1,197	•••	-1,197	45,328	
Grand Total	. 6,86,245	32,677	7,18,922	45,948	52,892	6,944	7,64,870]

EOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

CHICKLI CANAL.

TANK PROJECT.

No. 3 .- Revenue Account for, and to end of, 1908-1909.

-		Total.			Total.			
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.	
I.—Direct Receipts.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs,	Rs.	Rs.	
1. Water-rates from Irrigation	44,567	2,190	46,757	1. Head Works	6	868	874	
S. Sales of water 5. Plantations	$\left.\right\}_{2,269}$	ς	2,270	2. Main Canals and Branches	5 53	•••	553	
6. Other canal produce 11. Miscellaneous re-	\$ 2,209	(1	5 2,210	Total	559	868	1,427	
ceipts	80	•••	80	II.—MAINTENANCE AND REPAIRS.				
Total	46,917	2,191	49,108	1. Head Works	562	103	665	
II.—Indirect Receipts.		2,101	10,100	2. Main Canals and Branches	26,008	443	26,451	
11.—Indirect incoming			26	Total	<mark>26</mark> ,570	546	27,116	
Irrigation share of Land Revenue col-		MIL		IV.—ESTABLISHMENT.				
lected in the Civil Department		•••		1 & 2. Direction and Accounts	1,213	71	1,284	
				3. Executive	17,202	397	17,599	
Total Receipts	46,917	2,191	49,108	Total	18,415	468	18,883	
				V.—Tools and Plant	403	10	413	
				VI.—REFUNDS OF REVE-	94		94	
•				Total	46,041	1,892	47,933	
Gul	П	237	o.t	Share of Collection Charges in the Civil Department	ł	109	2,342	
Ouli	11	ау	aı	Indirect Charges debitable to Revenue Account as per Account No. 5	1	66	3,189	
				Total, Charges Balance Net Revenue	51,397	2,067 124	. 53,464 4,356	
Grand Total	46,917	2,191	49,108	Grand Total	46,917	2,191	49,108	

N. B.—Last Capital Account detailed in the Administrative Accounts for 1882-83.

Construction Estimate closed on 31st March 1883—vide Government Resolution No. 1411, dated 12th September

Completion Report approved in Government Resolution No. 489, dated 15th March 1895.

Particulars,	Previous.	1908-1909.	Total.
REVENUE— 2. Leave and Pension Allowances	Rs. 3,123	Rs. 66	Rs. 3,189

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

MAINI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

	Total.				<u> </u>	Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total,
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation 5. Plantations	1,46,838	7,937	1,54,775	1. Head Works 3. Distributaries	16,811 123	•••	16,811 123
6. Other canal produce 9. Rents of build		159	4,50 6	Total II.—Maintenance and	16,934	•••	16,934
ings 10. Fines 11. Miscellaneous re-	319	•••	319 2 102	REPAIRS. 1. Head Works 3. Distributaries	10,225 53,391	692 878	10,91 7 54,269
ceipts	102	""		Total	63,616	1,570	65,186
	1,51,608	8,096	1,59,704	IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts 3. Executive	3, 228 35,408	79 1,016	3,307 36,424
II.—INDIRECT RECEIPTS			11111	Total	38,636	1,095	39,731
Irrigation share of Land Revenue collected in the Civil Department	2	•••		V.—Tools and Plant	1,630	100	1,730
-				VI.—REFUNDS OF RE-	52		52
Total, Receipts	1,51,608	8,096	1,59,704	Total	1,20,868	2,765	1,23,633
·		-		Share of Collection Charges in the Civil Department	1	397	7,744
G	ul	H	ay	Indirect Charges debitable to Revenue Account as per Account No. 5 Total, Charges	5,824 1,34,039		5,977
Grand Total	1,51,608	8,096	1,59,704	Balance Net Revenue Grand Total	17,569 1,51,608	8,096	1,59,704

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-1907.

Construction Estimate closed on 31st March 1892—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

Particulars.	Previous.	1908-1909.	Total.
REVENUE-	Rs.	Rs.	Rs.
I. Capitalized abatement of Land Revenue 2. Leave and Pension Allowances	41 5,783	153	4 1 5,936
Total	5,824	153	5,977

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT. ADMINISTRATIVE ACCOUNT FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

MUCHKUNDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.		, and to that 0), 2000 200		Total,	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
I.—Direct Receipts.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation 4. Sales of Water 5. Plantations	1,843 330	12	1,855 330	1. Head Works 2. Main Canals and Branches	410 487	•••	410 487
6. Other canal produce		380	5,055	Total	897		897
10. Fines 11. Miscellaneous ceipts re-	171	***	171	II.— Maintenance and Repairs.			
		7////		1. Head Works 2. Main Canals and	4,352	138	4,490
Total	7,020	392	7,412	Branches	2,928	22	2,950
				Total	7,280	160	7,440
II.—IndexectReceipts. Irrigation share of Land Revenue collected in the Civil Department				IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts 3. Executive Total	335 1,860	80	343 1,932 ———————
Total Receipts	7,020	392	7,412	V.—Tools and Plant	89	2	91
				Total	10,461	242	10,703
Gu	E	lay	at	Share of Collection Charges in the Civi Department Indirect Charges debits	103	1	104
				able to Revenue Account as per Account No. 5	200	11	317
				Total, Charges	10,870	254	11,124
				Balance Net Revenue	-3,850	138	-3,712
Grand Total	7,020	392	7,412	Grand Total	7,020	392	7,412

N.B.—Last Capital Account detailed in the Administrative Accounts for 1890-1891.

Construction Estimate closed on 31st March 1891, vide Government Resolution No. 1411, dated 12th September 1893.

Completion Report approved in Government Resolution No. 662, dated 12th April 1894.

Particulars.	Previous.	1908-1909.	Total.
REVENUE— 2. Leave and Pension Allowances	Rs. 30 6	Rs.	Rs.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.-MINOR WORKS AND NAVIGATION.

GADIKERI TANK.

TANK PROJECT.

No. 3.-Revenue Account for, and to end of, 1908-1909.

	Total.				Total.			
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.	
I.—Direct Receipts.	Rs.	Rs.	Rs.	I.—Extensions and	Rs.	Rs.	Rs.	
1. Water-rates from Irrigation	8,959	• • •	8,959	Improvements		•••	···	
5. Plantations 6. Other Canal Produce	} 64		} 74	II.—Maintenance and Repairs.				
Total	9,023	10	9,033	1. Head Works	6,495	262	6,757	
II.—Indirect Receipts.	1			IV.—ESTABLISHMENT				
Irrigation share of Land Revenue col-				1 & 2. Direction and Accounts	302	13	315	
lected in the Civil Department		2,061	53,518	3. Executive	1,152	48	1,200	
Total Receipts	60,480	2,071	62,551	Total	1,454	61	1,515	
G			av	at Insti	tu	te		
				IV.—Tools and Plants	10	4	14	
					0.003		2 ,021	
				V.—Refunds of Revenue.	2,021		2,021	
				Total	9,980	327	10,307	
Carried over	60,480	2,071	62,551	Carried over	9,980	327	10,307	

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BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.-MINOR WORKS AND NAVIGATION.

GADIKERI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

Destate			Total.		GI	Total.			
Receipts.		Previous.	s. 1908-1909. Total.		Charges.	Previous.	1908-1909.	Total.	
Brought forward		Rs. 60,480	Rs. 2,071	Rs.	Brought forward	Rs. 9,980	Rs.	Rs.	
		T		///	Share of Collection Charges in the Civil Department.	6,046	206	6,252	
					Indirect Charges debitable to Revenue Account as per Account No. 5	203	. 9	212	
		1			Total Charges	<mark>16,22</mark> 9	542	16,771	
		1		4	Balance Net Revenue	44,251	1,529	45,780	
Grand Total	•••	60,480	2,071	62,551	Grand Total	60, 480	2,071	62,551	

N.B.—Last Capital Account detailed in the Administrative Accounts for 1905-06.

Construction Estimate closed on 31st March 1882—vide Covernment Resolution No. 1411, dated 12th September 1893.

Completion Report approved in Government Resolution No. 101, dated 18th January 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1908-1909.

Particulars.	Previous.	1908-1909.	T tal
	Rs.	, n.	D.
	ns.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	203	9	212

EOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909. 43.—MINOR WORKS AND NAVIGATION.

GOKA'K CANAL—FIRST SECTION AND STORAGE WORKS.

CANAL PROJECT.

No. 3 .- Revenue Account for, and to end of, 1908-1909.

		****		Total.				Total.		
	Receipts.		Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909	. Total	
I.	-Direct Recei		Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.	
1.	Water-rates Irrigation	from	4,01,647	40,990	4,42,637	1. Head Works	991	903	1,900	
3.	Sales of water	•••	3,435	304	3,733	2. Main Canals and Branches	1,134		1,134	
5. 6.	Plantations Other canal prod	 luce.	7,108	\ \ \ 513 \ 572	8,193	Total	2,125	909	3,034	
7.	Water-power	• • •	2,28,040	14,033	2,42,073	II.—Maintenance and Repairs.				
9. 10. 11.	Rents of buildi Fines Miscellaneous	ngs.	673 42	25 2	698 44	1. Head Works 2. Main Canals and		3,74 6	31,232	
11.	ceipts	16-	8,379	823	9,202	Branches 8. Distributaries	27,975 17,417	872 874	28,847 18,291	
	Total	•••	6,49,324	57,262	7,0 6,586	Total	72 ,878	5,492	78,370	
Irrig Lo	gation share of I evenue collected the Civil Departm	and l in	4			IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts 3. Executive	3,407 56,298	320 4,789	3,727 61,087	
	Makal Day take		2 40 994	57.060	7.00.500	Total	59,70 5	5,1 09	64,814	
	Total Receipts	* '	6,49,324	57,262	7,06,586	V.—Tools and Plant	6,345	85	6,430	
		{				VI.—REFUNDS OF RE- VENUE	1,473	601	2,074	
			·			Total	1,42,526	12,196	1,54,722	
	\mathbb{C}	'n	ıl	На	ıya	Share of Collection Charges in the Civil Department	24,609	2,081	26,690	
						Indirect Charges debitable to Revenue Account as per Account No. 5	8,358	715	9,073	
						Total, Charges	1,75,493	14,992	1,90,485	
						Balance Net Revenue	1,73,831	42,270	5,16, 1 01	
	Grand Total	6	,49, 324	57,262	7,06,586	Grand Total	6,49,324	57,262	7,06,286	

N. B.—Last Capital Ageount detailed in the Administrative Accounts for 1906-07.

Construction Estimate closed on 31st March 1837—vide Government Resolution No. 1393, dated 2nd October 1897.

Completion Report approved in Government Resolution No. 3.7, dated 10th February 1900.

BOMBAY PRESIDENCY.

PUBLIO WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

GOKAK CANAL-FIRST SECTION AND STORAGE WORKS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1908-1909.

·	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1907-1908.	4,12 , 895	Net revenue realized to end of 1907-1908.	3,74 3
	//	Do. during 1908-1909	
7.11		Min	3,743
Interest charges for the year 1908-1909	13,568	Balance net Interest charges	4,22,720
Total	4 ,26,463	Total	4,26,463

Interest on outlay charged to 35-Protective Works as per Government of India's No. 4-A. I. of 19th January 1891.

No. 5.—Account of Indirect Charges for, and to end of, 1908-1909.

Particulars.		Previous.	1908-1909.	Total.
REVENUE— 2. Leave and Pension Allowances	ln	Rs. 8,358	Rs. 116715	Rs. 9,073

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

DAMBAL TANK.

TANK PROJECT.

No. 3.-Revenue Account for, and to end of, 1908-1909.

	·	Total.	•		Total		
Receipts.	Previous.	1908-1909.	Charges. 908-1909. Total.		Previous.	1908-1909.	Total.
	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works	634	•••	.634
1. Water-rates from Irrigation 5. Plantations 6. Other Canal Produce 11. Miscellaneous	14,118	348 45 60	14,466 } 7,332	II.—Maintenance and Repairs.	10,236	281	10,517
Receipts	142		142	1. Head Works 3. Distributaries	670	201	670
			44,-	Total	10,906	281	11,187
Total	21,487	453	21,940	IV.—Establishment.			
II.— Indirect Receipts.				1 & 2. Direction and Accounts 3. Executive	468 8,406	14 518	482 8,92 4
Tourismaking whomat I am d	1	23	7 (5	Total	8,874	532	9,406
Irrigation share of Land Revenue collected in the Civil Department.		981	23,938	VI.—REFUNDS OF REVENUE	42	40	82
				Total	20,456	853	21,309
Total Receipts	44,444	1,434	45,878	Share of Collection Charges in the Civil Department	3,184	115	3 ,2 9 9
				Indirect Charges debit- able to Revenue Ac- count as per Account			
G	11	П	3.77	No. 5	1,3 73	74	1,447
U	UI.	110	ı y (Total Charges	25,013	1,042	26,055
				Balance Net Revenue	19,431	392	19,823
Grand Total	44,444	1,434	45,878	Grand Total	44,444	1,434	4 5,878

N. B.—Last Capital Account detailed in the Administrative Accounts for 1885-86. Construction Estimate closed on 31st March 1886—
vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1908-1909.

Particulars.	Previous.	1908-1909.	Total.			
REVENUE— 1. Capitalized abatement of Land Revenue 2. Leave and Pension Allowances	***		•••	Rs. 124 1,249	Rs. 	Rs. 124 1,323
		Total		1,373	74	1,447

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

MEDLERI TANK.
TANK PROJECT.

No. 3.-Revenue Account for, and to end of, 1908-1909.

		Total.			Total.		
Receipts.	Previous.	1908-1909.	Total.	Charges,	Previous.	1908-1909.	Total.
I.—Direct Receipts.	Rs.	Rs.	Rs.	I—Extensions and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	12,377	669	13,046	1. Head Works	141	•••	141
5. Plantations 6. Other Canal Pro-	1		56	II.—Maintenance and Repairs.			
duce Mis cellaneous Receipts	20	1	20	1. Head Works 3. Distributaries	9,839 2,181	4 8 8	10,277 2,181
Total	12,453	669	13,122	Total	12,020	438	12,458
IL-INDIRECT RECEIPTS. Irrigation share of Land Revenue collected in the Civil Department.	A			IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts 3. Executive Total VIREFUNDS OF REVENUE.	476 7,499 7,975	22 463 485	498 7,962 8,460
Total Receipts	12,453	669	13,122	Total	20,427	923	21,350
				Share of Collection Charges in the Civil Department	616	33	649
Gu	1 F	Iay	yai	Indirect Charges debitable to Revenue Account as per Account No. 5 Total Charges	1,116 22,159	68 1,024	1,184
*.				Balance Net Revenue	—9,706	355	10,061
Grand Total	12,453	669	13,122	Grand Total	12 ,453	669	13,122

N. B.—Last Capital Account detailed in the Administrative Accounts for 1887-88. Construction Estimate closed on 31st March 1888—
ride Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138,
dated 16th July 1894.

No. 5 .- Account of Indirect Charges for, and to end of, 1908-1909.

210.01			
Particulars.	Previous.	1908-1909.	Total.
REVENUE— 2. Leave and Pension Allowances	Rs.	Rs. 68	Rs.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.-MINOR WORKS AND NAVIGATION.

MADAG TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

		Total.			Total.			
Receipta.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.	
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.	
1. Water-rates from Irrigation	71,733	2,458	74,191	2. Main Canals and Branches	954	419	1,373	
5. Plantations 6. Other Canal Produce	4, 599	90 87	4,776	II.—Maintenance and Repairs.		-		
11. Miscellaneous Receipts	81		81	1. Head Works	850	•••	850	
Total	76,413	2,635	79,048	2. Main Canals and Branches	41,018	678	41,696	
IIIndirect Receipts.			4/1/1/	Total IV.—Establishment.	41,868	678	42,546	
Irrigation share of Land Revenue				1 & 2. Direction and Accounts	1,484	55	1,539	
collected in the Civil Department.		•••	***	3. Executive	23,851	880	24,731	
				Total	2 5,33 5	935	2 6,2 7 0	
Total Receipts	76,413	2,635	79,048	V.—Tools and Plant	541	•••	541	
				Total	68,698	2,032	70,730	
				Share of Collection Charges in the Civil Department.	3,598	123	3,721	
	fu]	Н	ay	Indirect Charges debitable to Revenue Account as per Account No. 5	4,180	131	4,311	
				Total Charges	76,476	2,286	78,7 62	
				¡Balance Net Revenue	-63	34 9	286	
Grand Total	76,413	2,635	79,048	Grand Total	76,413	2 ,63 5	79,048	

N.B.—Last Capital Account detailed in the Administrative Accounts for 1888-89. Construction Estimate closed on 31st March 1889—vide Government Besolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1908-1909.

Particulars.			Previous.	1908-1909.	Total.
REVENUE— 2. Leave and Pension Allowances	•••	•••	Rs. 4,180	Rs. 131	Rs. 4,311

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

ASUNDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

	Total.				Total.		
Receipts.	Receipts. Previous. 1908-1909. Total.		Charges.	Previous.	1908-1909.	Total.	
I.—Direct Receipts.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	11,561	512	12,073	1. Head Works II.—Maintenance and Repairs.	219	•••	219
5. Plantations 6. Other Canal Produce	677	52	729	1. Head Works	15,314	302	15, 6 1 6
10. Fines Re-	19	,.,	19	3. Distributaries	2,043	•••	2,043
ceipts	38		38	Total	17,357	302	17,659
Tot <mark>al</mark>	12,295	564	12,859	IV.—ESTABLISHMENT.			
IIINDIRECT RECEIPTS. Irrigation share of Land Revenue col- lected in the Civil		632	13,743	1 & 2. Direction and Accounts 3. Executive Total	808 12,805 13,613	470	823 13,27 5 14,098
Department	10,111	032	10,740	T m D.	F00	-	* 00
				V.—Tools and Plant	500		5 00
Total Receipts	25,406	1,196	26,602	Total	31,689	787	32,476
2000 200,000				Share of Collection Charges in the Civil Department		89	2,001
				Indirect Charges debitable to Revenue Account as per Account No. 5	1	68	1,973
Gu	11	la	ya	Total Charges	35,506	944	36,450
				Balance Net Revenue	_10,100	252	-9,848
Grand Total	25,406	1,196	26,602	Grand Total	25,406	1, 196	26,602

N. B.—Last Capital Account detailed in the Administrative Accounts for 1889-90. Construction Estimate closed on 31st March 1890-vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.-Account of Indirect Charges for, and to end of, 1908-1909.

Particulars.		Previous.	1908-1909.	Total.
REVENUE— 2. Leave and Pension Allowances	•••	Rs. 1,905	Rs. 68	Rs. 1,973

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

MAVINKOP TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1908-1909.

•		Total.		~		Total.	
Receipts.	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
I.—Direct Receipts.	Rs.	Rs.	Rs.	I.—Extensions and Improvements.	Rs.	Rs.	Rs.
5. Plantations3. Other Canal Produce.	} 25		25	1. Head Works 8. Distributaries	80 1 5 8	•••	80 1 58
11. Miscellaneous Receipts	169		169	Total II.—Maintenance and Repairs.	238		238
Total	194	_//	194	1. Head Works 3. Distributaries	1,831 348	48	1 ,879
II.—Indirect Receipts.				Total	2,179	48	2,227
Irrigation share of Land Revenue collected in the Civil Department.	36,928	2,203	39,131	IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts	113	2	115
Total Receipts	37,122	2,203	39,325	3. Executive	1,085 1,198	21	1,106
				Total	3,615	71	3,686
				Share of Collection Charges in the Civil Department	3,703	220	3,923
Gu	ı1 I	На	va	Indirect Charges debit- able to Revenue Account as per Account No. 5	167	tes	170
			-/	Total Charges	7,485	294	7,779
				Balance Net Revenue	29,637	1,909	31,546
Grand Total	37,122	2,2 03	39,325	Grand Total	37,122	2,203	39,325

N. B.—Last Capital Account detailed in the Administrative Accounts for 1901-02. Construction Estimate closed on 31st March 1882—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1908-1909.

Particulars.	Previous.	1907-1908.	Total.
REVENUE— 2. Leave and Pension Allowances	 Rs. 167	Rs.	Rs. 170

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

43.—MINOR WORKS AND NAVIGATION.

WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.
SIND.

No. 3.—Revenue Account for, and to end of, 1908-1909.

Recei pts.		Total.		CI.		Total	
1,6007 503	Previous.	1908-1909.	Total.	Charges.	Previous.	1908-1909.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.		Rs.	Rs.	Pa
1. Water-rates from Irrigation	2,14,18 3	21,778	2,3 5,961	I.—Extensions and Improvements		1,07,915	Rs. 14,07,395
5. Plantations 6. Other canal produce	1,06,423	1,017 16,189	1.23.629		12,00,400	1,07,910	14,07,090
9. Rents of buildings. 10. Fines 11. Miscellaneous	5 ,577	2,110	8,501	II.—MAINTENANCE AND REPAIRS	40,46,624	4,97,473	45,44,097
Receipts Receipts from 1874-	1,77,719	30,422	2,08,141	20			
75 to 1899-1900.				IV.—ESTABLISHMENT.			
Total II.—INDIRECT	17,12,347	72,852	17,85,1 99	1 & 2. Direction and		ı	
RECEIPTS. Irrigation share of			////	Accounts	2,57,561	30,575	2,88,136
Land Revenue col- lected in the Civil			X / S =	8. Executive	7,94,118	1,06,125	9,00,243
Department	1,76,71,415	25,17,497	2,01,83,912	Total	10,51,679	1.36.700	11,88,379
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated respectively 20th June and 1st Aug. 1889, communicated in Gov-	1		1111	V.—Tools and Plant	195	436	631
ernment Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	3,08,735	4 4,156	3,52, 891	VI.—Refunds of Revenue	-32	•••	32
Receipts from 1874-75	4,71,38,677		4,71,38,677	Total	63,97,946	7,42,524	71,40,470
		•••					
ļ	6,51,18,827			Share of Collection			
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir	rul	26,34 ,5 05	6,94,65,679	Charges in the Civil Department Indirect Charges debit-		1,53,409	12,42,283
lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated			-	able to Revenue Account as per Account No. 5	*	*	*
14th June 1883, com- municated under Gov- ernment Resolution No. 400, dated 11th August 1883.				Charges from 1874-75 to 1899-1900	2, 22,85,677	•••	2,22,85,677
Rs. To end of 1907- 1908 16,87,633				Total Charges	2,97,72,497	8,95,933	3,06,68,430
Loss for 1908- 1909 2,15,451 Total 19,03,084	.]			Balance Net Revenue	3,7 0,58,677	1 7,8 8,5 7 2	3,87,97,249
	6,68,31,174	26,34,505	6,94,65,679	Grand Total	6,68,31,174	26,3 4, 50 5	6,94,65,679

^{*} Not calculated in respect of "Works for which only Revenue Accounts are kept."

N. B.—This account has been prepared in accordance with instructions contained in Government of India [No. 686-C.W.L., dated 10th June 1901, communicated in Government Resolution No. A.I.—1453 of 12th July 1901.

STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, DECCAN AND GUJARÁT,

FOR THE YEAR 1908-1909.

Gul Hayat Institute

Statement of Canals in the Bombay

			K.	(7)	1058		
Bource of Supply of Water,	(1) Nira Canal.	(5) Háthmati Canal.	Pálkhed Canal	Ojhar Támbat Canal.	Wadáli Canal.	(8) Lákh Canal,	(11) Krishna Canal.
	River Nira and Reservoir at Bhatghar.	Háthmati River.	Kádva River.	Bånganga River.	Kádva River	Pravara River.	River Krishna and Rainfall
Minimum discharge per C. ft. pe	R. 34	K. 9 R. 15 H.W. 10		R. 0.00	R. 15.38	K. 11·37 R. 0·12 H.W. 0·00	K. 29·26 R. 125·96 H.W. 8·41
Maximum discharge of } "	456	257 {	K. 39·36 R. 39·36 H.W.30·36		R. 9.80	K. 66·05 R. 23·11 H.W. 0·00	89-27
Average annual rainfall Inches	20.38	K. 32·78 R. 0·01	26.23	16.25	19.51	22:46	25.07
Gross area commanded A created the Culturable do ,,	274,447 227,670	44,744 28,840	28,832 26,280	8,055 7,421	3,486 2,729	29 ,9 13 25,536	28,327 26,453
Area irrigable by complete project ,,	1 13,280	11,336	23,466	6,824	2,433	22,760	12,320
Do. at present . ,,	113,280	8,000	9,837	2,367	2,4 33	11,280	12,320
Sanctioned Estimate Direct charges Indirect charges Interest during construction	57,34,655 3,69,780 28,44,872	4,94,705 30,000 2,37,687	2,38,087 15,761 2,12,554	14,541 833 2,411	29,771 1,540 32,150	3,75,189 20,277 3,65,298	8,29,067 .48,216 7,83,613
Total Estimate R	89,49,307	7,62,392	4,66,402	17,785	63,461	7,60,764	16,60,896
Expenditure Direct chargesRe to end of 1908-1909. Interest during construction	60,70,183	4,90,925 26,913 2,37,687	2,70,638 16,810 3,17,565	7,186 647 5,044	28,291 2,354 45,031	3,52,446 19,445 3,55,414	8,20,237 46,390 7,83,061
Total ExpenditureR	94,44,945	7,55,525	6,05,013	12,877	75,676	7,27,305	16,49,688
Works as now sanctioned— Main Canals, Irrigation Mile	100.25	/at	ln	St1	8.62	23	35.25
Branch Canals do "	••• · · ·		•••	•••	•••	•••	26.25
Distributaries "	139	25	21.50	•••	•••	11	•••
Of above—							
Navigable Channels Mile	B	•••			•••	•••	•••
Works completed at end of 1908-1909—	o f						
Main Canals, IrrigationMile Branch Canals do ,, Distributaries ,,	100.25	21 30	11 14·36	4. 50	8.62	23 9·37	35·25 28·62
Of above—							
Navigable ChannelsMiles		•••		•••	•••	•••	•••

Presidency, excluding Sind, for the year 1908-1909.

(12) Khári Cut.	Jám d	(15) a Canal.	(17) Ojhar Canal.	(25) Revári Canal.	(28) Chikhli Canal.	(39) Gokák Canal, 1st Section, and Storage Works.	Remarts.
Khári River.	Girna	River.	Pravara River.	River Wárna and Rainfall.	River Nándni and Rainfall.	River Ghatprabha and Storage Works,	
K. 6 R. 19 H. W. 0	К. R. H. W.	230·00 8·06 0·00	K. 103·38 R. 8·83 H. W. 0·00		K. 0.28 R. 6.86 H. W. 0.29	K. 0.00 R. 18.93 H. W. 0.00	
219	Left Bank K. 60·00 R. 41·02 H.W. 0·00	2 12.60	K. 153·00 R. 47·38 H. W. 0·00	15.84	5.91	Canal. Miles. K. 66 68 R. 66 68 H. W. 7:33 68	*
{ K.31·21 R. 0·04	}	25·11	22.22	26.97	22:39	Dhupdal 24.72	
17,300 11,500	Left Bank. 37,122 33,124	Right Bank. 9,166 7,061	23,72 <mark>4</mark> 21,155	3,813 3,624	1,871 1,478	18,668 17,627	
11,500	3,500	1,500	20,088	1,920	1,478	17,627	
7,000	3,500	1,500	14,763	1,920	1,478	17,627	
1,91,019 16,365	-	10 ,27 ,238 61 ,4 02	3,25,90 2 22,309		53,803 3,612	13,19,115 76,902	
0.000	·	10.00.010		******		1,44,865	
2,07,384		10,88,640	3,48,211	59,448	57,415	15,40,882*	
5,59,932 22,29 8		9,91,178 49,911	3,24,317 2 3,233	56 ,7 71 3,040	53,803 3,639	13,01,750 56,104	
				•••••		2,41,093	
5,82,230		10,41,089	3,47,550	59,811	57,442	15,98,947	
16 8	G	u^{39}	Ha	/2 ^{5.66} 5.25	6.50	t1t1.4·10 e	
12	į,	75	25	*****		35.43†	
•••	•	•••••	•••	***, **	•••••	0 ·00	
16 8 12		 75	19 21	5.25	6.50	4·10 12·03 35·43†	
•••		••••			•••••	0.00	

^{*} This includes the amount of Estimate for constructing the Right Bank Distributary of the Lolsur Main Channel sanctioned in G. R. No. W. I.—483 of 22nd February 1909.

[†] The Increase is on account of the Loisur Distributary.

	(1)	(1)A	(2)	(6)	(7)	(y)	(10)	(13)	(14	4)	(15)	(16)	(17)	(18)	(10)
	Bhát- ghar Reser-		Mhasyad Tank.	Lower Pánjhra River Works and Mukti	Kådva River Works	Mutha Reservoir, Lake Fife.	Ekrúk Tank.	Hartála Tank.	Tranza-l ma Tan Prain	Nagram- k, Matar nage lel and	Wan- groli Tank.	Savli Tank.	Mhasya Tank.	Paraul Tank.	(19) Bhatod
				Tank.	Tank).				n ain	1811.					
Source of Supply.	Yelvandi River and Ghát	and surplus water	Mán River and	Local Streams	Kolvan River,	Mntha River and	Adhela River and	Local Streams.	Tranta	Nagram- ma	Kharwa Nalla and	Godia Nulla.	Local Streams	Parsul Biyar	Meheki River.
·*,	Catch- ment.	from Nira Canal.	Rainfall.			Rainfall.	Raman.			Tank.	Rainfall.				
f sup- plicd ov rain- Average annual	128	2.33	(h) 480.	34-2	29:00	196 00	159	6.80	Nil.	1•50	18	11	13.40	17:33	44*00
fall. (rainfall Inches	145	15.06	21-18	21.13	48:27	(d) 138·00	30.36	24.71	30.15	30-15	27*45	27:29	27.76	18-11	23.76
Contents of tanks between levels of surface of full supply and sill of canal cubic feet.	5, 500	592	2,633	3 42·3	606	(e) 3,447	3,310	134.9	49.20	56-84	175-72	105 ·0 0	158.5	118-70	154-00
rea of surface at full Acres and supply.	3,584	890	4,013.80	509	778	3,753	4,551	472	199 03	222-91	546-39	888.00	421	151	31 5·1 3
iross area commanded Acres.	from	25,000	129,045	13,117	(1)	94,087	17,152	584	1,500	888	2,500	.4 ,700	4,647	3,337	15,126
Culturable do ,,	rect f	25,000	106,214	12,627	(f)	49,800	16,941	527	1,500	888	1,800	4,700	4,075	3,197	13,657
rea irrigable by complete	ation direct Reservoir.	4,200	24,800	12,627	(f)	16,800	16,941	415	925	600	1,800	3,000	1,700	1,000	12,124
Do. at present ,,	irrigation the Rese	4,200	24,800	12,627	(f)	16,800	16,941	415	800	400	2,000	3,000	1,700	1,000	12,124
Vells supplied by tanks No.	S ₂	•	12		(f)		I Story	***	Nil.	Nil.	Nil.	Nil.			***
anctioned Estimate-					-										
Direct Charges Rs.	(a)	7,04,442	20,24,327	4,44,486	4,67,662	64,62,810	12,28,243	48,890	2,6	1,048	1,96,857	2,25,703	1,29,813	2,15,366	3,51,767
Indirect Charges ,,	(a)	46,435	1,03,947	22,774	16,835	2,50,743	1,06,687	26,150	5:	1,686	46,116	23,519	10,202	8,246	26,511
Interest during construction	(u)	85,157	6,56,222	2,37,421	2,17,233	56,54,209	8,00,650	100	***	1198	Nil.		•••		•••
Total Estimate Rs.	(a)	8,06,034	27,84,496	7,04,681	7,01,730	1,23,73,762	21,35,580	75,040	3,19	2,734	2,42,973	2,49,222	1,40,015	2,23,612	3,78,27
Direct Charges. Rs.	(a)	(a)	20,05,553	4,45,382	6,62,551	72,77,825	12,28,117	47,948	2.30	6,18 2	2 07 309	2,20,172	1. 28 781	9 00 007	2 re ee
Expenditure to Indirect Charges	(a)	(a)	90,463	23,239	17,241	{	1,12,269	25,434	1	1,205	31,685		10,175	2,08,007 6,988	3,52,68 27,022
1909. Interest during	(a)	(a)	14,45,492	4 10 000	4 45 947									0,000	-,,021
•		ļ			4,45,241		10,27,893			····			***	•••	•••
Total Expenditure Rs Works as now sanctioned—	(a)	(a)	35,41,508	8,87,460	11,25,033	1,31,88,583	23,68,279	73,382	2,7	7,387	2,38,987	2,39,946	1,38,956	2,14,995	3,79,76
Dam (earth or masonry)	Masonry.	Earth.	Earth.	Earth.	Earth.	Masonry.	Earth.	Earth,	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Masonr
Total height Feet.	(b) 127 (c) 108	86.00	79. 79	65	95	97:84	76	51.20	15.84	17.12	27•18	37 .5	44	62.27	50
(÷		1	$H \circ$	x	79		11	C1	111	ш.	11	\sim			}
CanalsMiles	I.A.	6-54	(i) 66·25	L_)	(g)	88'00	46	2	5 miles and 15 chains,	2 miles and 13 chains.	8 miles and 12 chains.	6 miles and 21 chains,	***	•	4:50
Distributaries ,,	Vide S	ļ	41-50	45	(g)	70.00	1.68	5.8	Nil.	NI.	Nil,	Nil.	7	4.75	5.20
Works completed at end of 1909-1909-			}		1			1				}	}		
Dam (height completed) Feet	(b) 127 (c) 108	66.00	79:79	66	98	97-84	76	51.20	15.84	17:12	27-18	37.5	44	62.27	5
Canals oos om Miles	State-	6*54	(6) 66:26		(g)	88-60	48		5 miles and 15	and 13	8 miles and 12	and 11			4-50
Distributaries "	l-A.		41.50	45	(g)	67:00	1.68	5.2	chains.	chains.	chains.	chains.	7	4.75	5:8
	1	1	1	1	J	J	1	1	1	1	1	1	•	4	1

[•] Right bank, 1-12 miles channel constructed by this Department in 1801-1902. Left bank, 1-56 miles Old Irrigation Channel.

† An additional storage of 214 million cubic feet was obtained by raising the weir temporarily, the full supply level being at 1-74 feet above crest of the present weir.

(b) Above lowest foundations.

(c) Above lowest point in river bed.

(d) Estimated rainfall in the catchment.

A. Bombay Presidency, excluding Sind, for 1908-1909.

(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28) Yerla	(29)	(30)	(32)	(33)	(34)	(35)	(36)	(37)	(39)
láteba Tank.	Kásurdi Tank.	Shirsu- phal Tank.	Bhádal- vádi Tank,	Koregaon Tank.	Ashti Tank.	Pathri Tank.	Upper Mán River Works (Pingli Tank).	River Irriga- tion Works (Nehr Tank).	Maini Tank.	Much- kundi Tank.	Gadikeri Tank.	Dømbal Tank.	Medleri Tank.	Madag Tank.	Asundi Tank.	Māvin- kop Tank,	Gokák Canal, 1st Section, ar Storage Works.
Nála, Rain- all and surplus water from Mutha Right Bank Canal.	Kæsurdi Næla and Rain- fall.	Minor Tribu- tary of the Bhima River and Rain- fall.	Minor Tribu- tary of the Bhima River and Rain- fall.	Nála and Rainfall.	Ashti Nála and Rainfall.	Yerai River and Rainfall.	Mán River and Rain- fall.	Yerla River and Rain- fall.	Wanga Nata and Rain- fall.	Mnch- knndi Nala and Rain- fall.	Rainfall.	Rain- fall.	Medleri Nala and Rain- fall.	Kumud- wati River and Rainfall.	Rain- fall.	Rainfali.	Ghatprabi River.
10.00	6.00	23.00	23*00	4.4	92	27.5	20*0	59·55 ·	· 51·70	226	4.68	43	11	540	23	6-25	1,08
16 [.] 69	18.43	17:39	20.84	28•79	25*19	29.50	17 ·80	25·43 Mil.	20.27	2,016 Average of 30	24 67	19.23	21.03	29-36	23.36	39.01	(a)
229	14.5	365	222	81	1,419	407	192	e. ft. 489·77	183.60	5 ears. 624	27°50	113-66	57.60	54.63	74-00	45.75	1907-18
177:4 6	379	833•79	335.18	202	2,830	681	349.04	676-09	427.76	1,059 00	129:00	442-00	169	362	418	170'50	2,731
10,700	597	4,500	3,000	Not	17,882) Not	8,443	11,234	4,876	5,570	687	3,000	1,916	2,851	1,800	872.00	(a)
7,133	478	.2,500	2,400	known	16,825	known	7,623	10,680	4,625	5,417	Not known.	2,500	830	1,345	1,011	755	(a)
3,250	15 0	1,800	2,000	1,050	11,780	1,953	2,080	6,000	4,625	3,417	450	2,500	1,052	2,186	1,011	755	(a)
3,2 50	150	1,800	3 ,000	1,050	11,780	1,953	2,080	5,480	4,625	750	417	1,000	600	1,345	1,011	617	(a)
***	•••			***	pan		29	28	13	Nil.	Not known.	Un- certain.	Nil.	Nil.	Nil.	Nil.	41
98,000	40,812	2,09,460	2,14,382	40,731	7,54,250	6,43,141	4,16,341	6,96,754	3,68,000	1,48,200	16,990	61,162	78,237	2,32,263	67,731	30,379	(a)
17,500	4,778	12,822	14,342	1,318	80,677	29,715	28,190	48,560	22,492	20,220	541	3,744	3,468	17,144	12,754	4,005	(a)
***		***	***	810	***	699	•10		•••			140					(a)
10,500	45,590	2,22,282	2,28,724	42,049	8,34,927	6,72,856	4,44,531	7,45,314	3,90,492	1,68,420	17,531	64,906	81,705	2,49,407	80,485	34,384	(a)
cluded	40,812	2,12,199	2,13,115	37,923	7,57,050	5,74,543	4,15,835	7,19,5 42	4,62,125	1,40,217	16,363	60,847	78,354	1,61,248	60,741	30,185	(a)
in Lutha.	4,778	12,369	1 4,3 07	1,266	79,041	12,837	23,451	45,328	25,525	18,490	6 55	3,133	3,038	6,350	14,254	3,319	(a),
•••	•••	g110	•••		***		***	•••	•••	***	•••						(a)
	45,590	2,24,568	2,27,422	39,139	8,36,091	5,87,380	4,39,286	7,64,870	4,87,650	1,58,707	16,918	63,980	81,392	1,67,598	74,995	33,504	(a)
Earth.	Earth.	Earth.	Earth.	2 dams, 1 earth & 1 masonry.	Earth.	Earth.	Earth.	Earth.	Earth.	Masonry	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Mason: weir.
48 ·41	33.45	64 ·32	55.09	71 & 16	5 7 •7 5	63 75	53.20	74	57-33	60	20	42-25	41	100	33-95	80.23	27 fee (maximu
			(T			Н:	Яī	115	aТ		ากร	: 17		111	e		above founds
		•••	_	3*75	27.50	(j)	17:50	33.33	9-25	5.2	Nil.	7 No.	-	UF L	-	•••	tions)
17	1•75	12'5	9-75		2	(i)	6•50	4	7· 5 8	2 -2 5	Irriga-	3 27	5*64		4.86	*2*68	35
								-		220	tion Chan- nels.	• • •			,		
48-41	33°45	54.32	5 5°0 9	71 & 16	5 7 7 5	63-7 5	53.20	74	57°3 3	60	20	42.25	41	100	83.95	3 0* 5 3	
		994	•••	3-75	27.50	(<i>j</i>) 8	17:50	33.33	9-25	5.2		***	•••	9	•••	•••	4·10 W arnat Brane 12
17	1.72	12.5	9*75		3		6.20	4	7-58	2.25	Irrigation Chan•	8.27	5:64	•••	4 -86	2 -6 8	3 5**

1

⁽e) Storage available after deducting 508 million cubic feet not used on account of the Poona water-supply.

(f) Information supplied in Statement I-A, the tank being only a feeder.

(g) The tank supplies the Falkhed, Ojhar Tambat and Wadáli Canals and their distributaries as noted in Statement I-A.

(k) Exclusive of 29 miles of Gondavali Canals.

(f) Includes 384 miles of branch canals.

(g) Project for canal not jet sanctioned but 3 miles of canal were excavated during the year as per approved alignment.

B 748-2

					Du	RING YEAR				
				Direct (Charges.			II.	direct Charge	×8.
Name of Work.		Works.	Establishment,	Teols and Plant.	Total.	Deduct Receipts on Capital Account.	Total.	Capitali- zation.	Leave and Pension Allowances.	Total.
1		2	3	4	8	6	7	8	9	10
MAJOR WORK	s.	Ra.	Rs.	Rs.	Rs.	Rs.	Rs.	¡Bs.	Rs.	Rs.
35.—PROTECTIVE IEBIGATION IN Operation.				}						
1. Nira Canal including She 2. Mhasvad Tank	tphal Tank .	8,775	767	•••	4,54 2	•••	4, 542	•••		107
•	Total .	3,775	767	•	4,542		4,542		107	107
Under Construct	-									
8. Pravara River Canal Pro 4. Chankápur Tank	•	79,680 1,38,601	17,842 25,616	1,865 3,827 (a) 3,798	7 77 949	•	99,310 1,71,632	 176	2,498 3,586	2,498 3,762
5. Máládevi do. 6. Godaveri Canal		10,56,774	1,45,136	•••	{ 12,29,750	190 65	—190 12,29,685	21,647	20,319	41,966
7. Bhudhihal Tank	• ••• •	282	48		330	80	250		7	
	Total .	12,75,337	1,88,642	33,553 (a) 3,777		622	15,00,687	21,823	2 6,410	48,238
Total, Protective Irrigation	on Works .	12,79,112	1,89,409	33,553 (a) 3,777	3 15,05,851	622	15,05,22 9	21,823	26,517	48,340
49.—IRRIGAT <mark>ION V</mark>	VORKS.				W					
Productiv <mark>e Wo</mark> f		1 7								
In Operation. 8. Háthmati Canal		1111	1	30/	1///				•••	•••
9. Lower Panjhra River W 10. Kadva River Works	orks	11,526	0.054	1,394	 15,574	***	15,574		372	419
11. Pravara River Works—12. Mntha Canals including	Likh Canal.		2,654 5,818	1,243				***	•••	
13. Ekruk Tank	-	., 1,07,104	0,010	(a)—206		***	1,44,049		815 	81
14. Krishna Canal	• •••	•• •••	•••			•••		•••	1.10*	1,234
Total, Product		. 1,48,720	8,472	2,637 (a) -206	7,00,020		1,59,623	47	1,187	. ومول
Total, Ma	jor Works .	14,27,832	1,97,881	36,190 (a) 3,571	} 16,65,474	622	16,64,852	21,870	27,704	49,574
43.—MINOR WORK NAVIGATION	S AND N.									
In Operation, 15. Khári Cut Canal		22.095	1,060	00	00.000		20,966	-18 641	148	18.493
16. Wangroli Tank 17. Tranza-Nagramma Tank	4	7,964	1,728	113	-20,966 9,805	***	9,805 7,096	8 449	242 175	250 624
18. Savli Tank 19. Hartala Tank		29,702	1,251 5,765	82 376	35,843	162	35,681	6,311	807	7,118
20. Mhasva do.	F	TGT.) : :4	W 4) P.T		***	***	•••
22. Parsul Tank		••	•••	•••	•••	•••	•••	•••	•••	•••
23. Pravara River Works—(24. Bhátodi Tank		••		•••	•••	•••	•••	•••	•••	•••
25. Kásnrdi do					•••	•••	***	***	***	***
26. Shirsuphal do 27. Bhádalvádi do		•••			•••	•••	***	•••	•••	•••
28. Koregaon do	•	•••	•••		•••	•••	•••	•••	***	•••
29. Ashti do 30. Pathri do		8,039	1,828		9,867	•••	9,867		256	256
31. Revári Canal		. 0,000	1,020		9,007	•••	0,001		•••	***
32. Upper Man River Works 33. Yerla River Irrigation W	orks)	•••	•••	•••	•••	***	51	***	5
34. Chikhli Canal		1		•••	•••	***	•••		•••	•••
36. Maini Tank 38. Muchkundi do			•••		•••	•••	•••	•••	•••	•••
		29,373	11,612	640	41,645	162	41,483	-11.822		-10,1
Carrie	ed over	14,27,832	1,97,881	36,190 (1) 3,571	18 65 474		16,64,852	21,870	27,704	49,574

B. and Gujarát for and to end of 1908-1909.

			Direct Cl	arges.			In	direct Charges	•	
Grand Total.	Works.	Establishment.	Tools and Plant.	Total.	Deduct Receipts on Capital Account.	Total.	Capitali- zation.	Leave and Pension Allowances.	Total.	Grand Total.
11	13	13	14	15	16	17	18	19	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
4,649	48,01,215 15,98,308	11,54,2 74 3,45,781	1,23,076 62,937	60,78,565 20,07,026	8,382 1,473	60,7 0, 1 83 2 0,05,553	1,8 4, 82 3 36,924	1,78,872 53,539	3,63,695 90,463	64,33,878 20,96,016
4,649	63,99,523	15,00,055	1,86,013	80,85,591	9,855	80,75,736	2,21,747	2,32,411	4,54,158	85,29,894
					71					
1,01,808 1,75,394	82,07 4 10,83,458	18,393 2,26,659	1,901 58,623 (a) 63	1,02,368 { 13,68,803	77 2,132	1,02,291 13,66,671	 2,946	2 ,57 5 3 2,372	2,575 35,318	1,04,866 14,01,989
- 190 1 2,71, 651		60,5 <mark>74</mark> 2,36,521	1,473 1,43,365	3,05,455 20,70,618	1,575 67	3,03,880 20,70,551	875 22,351	9,017 33,112	9,892 55,463	3,13,772 21, 26,014
257		89,011	(a) 6 5,018	4,89,456	541	4,88,915	5,741	12,461	18,202	5,07,117
15,48,920	34,95,093	6,31,158	2,10,380 69	43,36,700	4,392	43,32,30	31 ,913	89,537	1,21,450	44,53,758
15,53,569	98,94,616	21,31,213	3,96,393 69	} 1,24,22,291	14,247	1,24,08,044	2,53,660	3,21,948	5,75,608	1,29,83,652
				720	3	377	7			
•••	3,83,636	99,517	9,060	4,92,213	1,288	4,90,925	7,083	19,830	26,913	5,17,838
15,993	3,67,303 7,58,329	74,888 1,88,801	3,228 21,676	4,45,419 9,68,806	37 140	4,45,382 9,68,666	8,694 5,735	14,545 31,317	23,239 37,052	4,68,621 10,05,718
1,44,864	2,61,529 60,76,177	68,641 10,89,417	19,477 1,24,671	3,52,647 72,90,059	201 12,234	3,52,446 72,77,825	5,824 59,859	13,621 2,00,350	19,445 2,60,209	3,71,891 75, 38,034
•••	10,07,089 6,76,035	2,12,509 1,42,520	-206 9,713 1,682	12,29,311 8,20,237	1,194	12,28,117 8,20,237	69,948 18,516	42,321 27,874	1,12,269 46,390	13,40,386 8,66,627
1,60,857	95,33,098	18,76,293	1,89,507 —206	} 1,15,98,692	15,094	1,15,83,598	1,75 ,659	3,49,858	5,25,517	1,21,09,11
17,14,42 6	1,94,27,714	40,07,506	5,85,900 —137	} 2,40,20,983	29,341	2,39,91,642	4,29,319	6,71,806	11,01,125	2,50,92,767
39,459	4, 60,37 4	9 7, 4 47	2,292	5,60,113	181	5, 59,932	7,547	14,751	22,298	5,82, 23 0
10,055 7,720	1,83,510 2,21,093	23,033 14,167	1,502 924	2,08,045 2,36,184	743 2	2,07,302 2,36,182	28,460 39,222	3,225 1,983	31,685 41,205	2,38,987 2,77,387
42 ,799	1,90,74 <i>5</i> 33,43 7	27,857 11,936	1,817 2,579	2,20,419 47,952	247 4	2,20.172 47,948	15,874 23,052	3,900 2,382	19,774 25,434	2,39,946 73,382
•••	1,01,259 7,86,229	26,399 1,91,841	1,129 13,129	1,28,787 9,91,199	C	1,28,781 9,91,178	5,026 12 ,015	5,149 37,896	10,175 49,911	1,38,9 56 10,41,089
•••	1,62,423 2,34,163	42,832 85,770	2,823 4,528	2,08,078 3,24.461	71	2,08,007 3,24,317	972 6,943	6,016 16,290	6,988 23,233	2,14,995 3, 47,550
•••	2,73,838	70,183	9,354	3,53,375	144 690	3,52,685	13,023	13,999	27,022	3,7 9,70 7
•••	31,433 1,7 1,14 8	8,4 95 3 8,190	884 2,861	40,812 2,12,199	•••	40,812 2, 12,199	3,07 9 5,137	1,699 7,232	4,778 12,369	45,590 2 ,24,568
***	1,57,001 30,044	53,493 7,661	2,621 218	2,13,115 37,923	•••	2,1 3,115 37,923	4,067	10,240 1,266	14,307 1,266	2,27,422 39,189
•••	6,09,236	1,45,084	8,122	7, 62, 442	5,392	7,57,050	52,311	26,730	79,041	8,36,091
10,123	4,7 8 622 47,057	90,949 9,693	6,768 21	5,76,339 56,771	1,796	5,74,543 56,771	104 1,259	12,733 1,781	12,837 3,0±0	5,87,380 59,811
 51	3,14,286 5,8 9,656	95,008 1,24,186	6,782 8,065	4,16,076 7,21,907	241 2,365	4,15,835 7,19,542	5,880 2 2,684	17,571 22,644	23,451 45,328	4 ,39,28 6 7 ,64,870
•••	39,984	13,611	208	53,803	••	53,803	917	2,722	3,639	57.442
•••	3,43,053 1,11,830	1,16,100 26,360	3,512 2,294	4,62,665 1,40,484	540 267	4,62,125 1,40,217	3,875 14,386	21,650 4,104	25,525 18,490	4,87,6 5 0 1,58,707
31,289	55,70,421	13,20,295	82,433	69,73,149	12,710	69,60,439	2,65,833	2,35,963	5,01, 796	74,62,235
17,14,426	1,94,27,714	40,07,506	5,85,900 — 137	2,40,20,983	29,341	2,39,91,642	4,29,319	6,71,806	11,01,125	2,50,92,767

			T				Di	UBING YBAI				
						Direct	Charges.			Inc	direct Charges	3.
Nan.e of	Work.			Works.	Establish- ment.	Tools and Plant.	Total.	Deduct Receipts on Capital Account.	Total.	Capitali- zation.	Leave and Pension Allowances.	Total.
1			-	3	3	4	5	6	. 7	8	8	10
			İ	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Br	ought for	rward	5	14 ,27, 83 2	1,97,881	36,190 3,571	} 16,65,474	622	16,64,852	21,870	27,704	49,574
			(29,373	11,632	640	41,645	162	41,483	-11,822	1,628	-10,194
NAVIGATIO	13.—MINOR WORKS AND NAVIGATION—concluded. 14 Operation—concluded. dikeri Tank											
37. Gadikeri Tank 38. Gokák Canal, 1st Works	Section,		- 1	•••		•••	***	100	•••	•••	***	•••
39. Dámbal Tank			•••	***	101	•••	***	***	•••	•••	•••	•••
40. Medleri do. 41. Asnudi do.	•••	***		***		***	***		•••	•••	•••	•••
42. Madag do.	•••	•••	***	***	***					•••	•••	•••
43. Mávinkop do.	•••		***		•••	***	•••	•••	***	•••	•••	
		Total	100	29,373	11,632	640	41,645	162	41,483	-11.822	1,628	-10,194
Under Co	structio	n.	/			i						
44 Sahiat Tank 45. Victoria do		***	•••	31,601 14	7,266	474	3 9, 341		39,341 18	•••	1,017 1	1,017 1
٠		Total		31,615	7,270	474	39,359		39,359		1,018	1,018
In Abe	yance.	-										
46. Gokák Canal, 2nd	Section						•••	***		•••		***
Total, Minor Works	and Nav	vigation		60,988	18,902	1,114	81,004	162	80,842	-11,822	2,646	-9,176
	GRANI	D TOTAL		14,88,820	2,16,783	40,875	17,46,478	784	17,45,694	10,048	30,350	40,398

(b) Includes Rs. 4,12,663 charged to 35-Protective Irrigation Works.

Gul Hayat Institute

1					To Ex	D OF YEAR.				
			Direct Ch	narges.			I	ndirect Charg	es.	
Grand Total.	Works.	Establishment.	Tools and Plant.	Total.	Deduct Receipts on Capital Account.	Total	Capitali- zation.	Leave and Pension Allowances.	Total.	Grand Total.
11	13	13	14	15	16	17	18	19	30	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Re.	Rs.
17,14,426	1,94,27,714	40,07,506	5,85,900 —137	2,40,20,983	29,341	2, 39,91,642	4,29, 319	6,71,806	11,01,125	2,50,92,767
31,289	55,70,421	13,20,295	82,433	69,73,149	12,710	69,60,439	2,65,833	2,35,963	5,01,796	74,62,235
	13,105	3,118	140	16,363		16,363	13	542	555	16,918
•••	11,00,148 49,262 61,881 48,805 1,26,596 23,738	1,81,106 10,769 15,324 10,881 31,841 6,232	21,236 878 1,155 1,055 2,825 353	13,02,490 60,909 78,360 60,741 1,61,262 30,323	740 62 6 14 138	13,01,750 60,847 78,354 60,741 1,61,248 30,185	29,211 1,034 243 12,536 2,101	26,893 2,099 2,795 1,718 6,350 1,218	56,104 3,133 3,038 14,254 6,350 3,319	(b) 13,57,854 63,980 81,392 74,995 1,67,598 33,504
31,289	69,93,956	15,79,566	1,10,075	86,83,597	13,670	86,69,927	3,10,971	2,77,578	5,88,549	92,58,476
40,358 19	52,345 45,235	7,312 9,437	477 543	60,134 55,215	125	60,134 55,090	2,463	1,023 1,321	1,023 3,784	61,157 58,874
40,377	97,580	16,749	1,020	1,15,349	125	1,15,224	2,463	2,344	4,807	1,20,031
•••	92,036	70,024	14,246	1,76,306	•••	1,76,306	740	13,238	13,978	1,90,284
71,666	71,83,572	16,66,339	1,25,341	89,75,252	13,795	89,61,457	3,14,174	2,93,160	6,07,334	95,68,791
17,86,092	2,66,11,286	56,73,845	7,11,104	3,29,96,235	43,136	3,29,53,099	7,43,493	9,64,966	17,08,459	3,46,61,558

V. C. FRENCH,

Examiner, Public Works Accounts, Bombay.

Gul Hayat Institute

Statement showing the Financial Results of Irrigation Works in

(Realizations under main heads of

				Ræ	VENUE (ACT	UAL RECE	IPTS).		(n heads of
		Irrigation.										Revenue
Name of Work.	Water-	Share of		Naviga- tion.	Planta- tions.	Water- power.	Miscella- neous.	Total.	Refunds of Revenue.	Gross Revenue, less		Esta
	rate directly paid.	Land Revenue.	Total.							refunds.	Direction.	Executive.
1	2	3	4	5	6	7	8	9	10	11	12	13
Major Works. 86.—Protective Irrigation Works.	Rs.	Ra.	Rs.	Rs.	Rs.	Ks•	Rs.	Rs.	Rs.	Rs.	Re.	Rs.
1 Nira Canal including Shetphal Tank 2 Mhasvad do	2,84,752 19,700	***	2,84,752 19,700		3,169 44	***	7.261 4,884	2, 95,1 82 24,628		2,94,693 24,628		27,585 5,2 7 7
Total	3 ,0 4,4 52		3,04,452	•••	3,213	•••	12,145	3,19,810	489	3,19,321	1,508	32,862
49.—IRRIGATION WORKS.												
8 Háthmsti Canal 9 Lower Pánjhra River Works 10 Kádva River Works 11 Pravara River Works	16,595 7,888 17,061	3,248 594	16,595 11,136 17,655	***	228 87 149	:::	740 906 527	17,563 12,129 18,331		17,563 11,129 18,331	84	1,361 691 3,286
Lakh Canal 12 Mutha Canals including	1,523	147	1,670		107		153	1,930	10	1,920	114	1,981
Matai a Tank 13 Ekruk Tank 14 Krishna Canal	2,21,333 20,949 45,782	42	2,21,375 20,949 45,782	···	1,917 591		1,43,050 17,835 1,855	3,66,342 39,375 47,637	•••	3,66,170 39,376 47,588	193	34,164 2,727 2,026
Total	3,31,131	4,031	3,35,162		3,079		1,65,066	5,03,307	231	5,03,076	2,581	46,236
Total, Major Works	6,35,583	4,031	6,39,614	•••	6,292	•••	1,77,211	8,23,117	720	8,22,397	4,089	79,098
NAVIGATION, 15 Khári Cut Canal 16 Wangroli Tank 17 Tranza-Nagramma Tank 18 Savli do, 19 Hartála Tank 20 Mhasva do. 21 Jámda Canals 22 Parsul Tank	68,123 7,315 1,629 2,395 101 1,846 8,328 3,504	700 23	68,123 8,015 1,652 2,395 101 1,846 8,328 3,504	000 000 000 000 000	1 6 192 1,190 17	**** **** **** ****	2,368 376 448 74 401 660 541 239	70,492 8,391 2,100 2,469 508 2,698 10,059	16	70,492 8,391 2,100 2,463 508 2,698 10,043 3,760	57 100 20 3 18 119	1,673 346 617 122 106 334 1,847 652
23 Pravara River Works— Ojhar Canal Ojhar Canal 24 Bhátodi Tank 25 Kásurdi do, 26 Shirsuphal do, 27 Bhádalwádi do, 28 Koregaon do, 29 Ashti do, 30 Pathri do, 31 Revari Canal 32 Upper Man River Works 33 Yerla River Irrigation	3,836 254 2,103 1,045 7:0 11,492 636 4,366 5,132	76 1,350	14,370 5,186 254 2,103 1,045 780 11,492 636 4 366 5,132	at	52 16 7	ræs	811 967 156 408 210 56 389 61 167 64	15,233 6,153 410 2,511 1,255 836 11,897 704 4,533 5,196	14	15,209 6,139 410 2,511 1,253 836 11,897 704 4,533 5,196	65 10 39 42 30 74	3,301 1,197 160 655 747 764 1,265 158 851
Works 34 Chikhli Canal 35 Maini Tank 36 Muchkundi do. 37 Gadikeri do. 38 Gokak Canal, First Section	17,618 2,190 7,937 12	2,061	17,618 2,190 7,937 12 2,061	•••	***	***	675 1 159 380 10	18,293 2,191 8,096 392 2,071	••• ••• •••	18,273 2,193 8,096 393 2,073	17 51 4	728 98 652 36
and Storage Works 39 Dámbal Tank 40 Medleri do. 41 Asuudi do. 42 Madag do. 43 Mávinkop do	40,990 348 669 512 2,458	981 632 2,203	40.990 1,329 669 1,144 2,458 2,203	•••	513 45 90	14,033	1,726 60 52 87	57,262 1,434 669 1,196 2,635 2,203	40	56,661 1,39 689 1,190 2,639 2,209	12 17 3 13 39	3,289 450 359 397 622 10
Total, Minor Works and Navi-	2,09,913	8,026	2,17,939		2,129	14,033	11,546	2,45,647		2,44,93		20,936
GRAND TOTAL	8,45,496	12,057	8,67,553	•••	8,421	14,033	1,88,757	10,68,764	1,435	10,67,32	5,624	1,00,034

Deccan and Gujarát for the year ending 31st March 1908-1909.

Revenue and Working Expenses.)

WAR	ETNA	EXPRESE	

danager	nent.						Maintenand	e and Repai	rs.						
lishme:	civil	Total Revenue Manage-		Establishn	ment.	Total	Works.	Repairs.	Sun- dries.	Tools and Plant.	Planta- tions.	Total Cost of Main-	Indirect Charges.	Grand Total, Working Expenses.	Net Revenue
tion.	Officers.	ment.	Direction.	Executive.	cal.	Total.						tenance.			
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	14,232 1,062	43,067 6,597	341 79	7,616 1,608	300	8,257 1,687	6,692	26,847 6,546	•••	2,050 149	856 201	44,702 8,583	5,19 3 1,011	92,962 16,191	2,01,73 8,43
	15,294	49,664	420	9,224	300	9,944	6,692	33,393	***	2,199	1,057	53,285	6,204	1,09,153	2,10,16
	830	2,414	123	1,606		1,729	223	6,631	•••	164	122	8,869	464	11,747	5,8
***	979 872	1,754 4,318	99 49	815 994		914	1,939	1,598 4,257	•••	55 574	130	4,636 5,874	236 628	6,626 10,820	5,50 7,5
	92	2,187	43	740		783	//::	3,132		431	•••	4,346	403	6,936	5,0
•••	10,941 1,048 2,548	46,763 3,968 4,723	499 94 77	10,289 1,339 1,053		10,788 1,433 1,130	4,833	43,847 5,238 3,997	2 655	4,893 121 99	1,053 495 523	65,416 7.287 6,404	6,525 609 463	1,18,704 11,864 11,590	2,47,4 27,5 35,9
	17,310	66,127	984	16,836		17,820	6,995	68,700	657	6,337	2,323	1,02,832	9,328	1,78,287	3,24,7
	32,604	1,15,791	1,404	26,060	300	27,764	13,687	1,02,093	657	8,536	3,380	1,56,117	15,532	2, ^E 7,440	5,34,9
**** *** *** ***	3,407 454 105 120 18 92 417 175	5,373 857 822 262 127 444 2,383 835	172 31 56 11 3 6 52	2,154 407 725 144 19 111 804 43		2,326 438 781 155 20 117 856 44	1,240	8,064 1,781 3,022 619 82 451 3,374 272	**** **** **** **** **** **** **** ****	212 42 74 15 1 7 52 24	 49	11,842 2,261 4,007 789 103 593 4,331 340	663 118 210 42 18 66 395	17,878 3,236 5,039 1,093 248 1,103 7,109 1,274	52,6 5,1 -2,9 1,3 2 1,5 2,9 2,4
•••	732 312	4,163 1,574	31 23	776 416	••• •••	807 4 39	 451	3,229 1,295	•••	444 241	9	4,480 2,435	593 238	9,236 4,247	5,9 1,8
•••	13 105	183 799 841	5 16 15	70 260	•••	75 276	•••	299 1,105	•••	50 50	···	424 1,431	34 136	2,3°6	-2 1
	52 39 575	833 1,914	7 29	270 178 486		· 285	424	1,125 315 1,831	•••	50 15	15 228	1,475 939 2,617	150 137 260	2,466 1,909 4,791	-1,2 -1,0 7,1
•••	32 218 257	32 397 655	38 31 69	138 231 511		176 262 580	y	764 960 2,085	 	43 ²⁷ 150	90 237	940 1,339 3,052	25 62 137	997 1,798 3,844	2,7 2,7 1,3
•••	881 109	1,694 224	95 54	806 299	··•	901 353	868	3,083 506	•••	151 10	520 40	4,655 1,77 7	240 66	6,589 2,067	11,6
	397 1 206	1,100 41	28 4	364 36	•••	392 40	•••	1,403 160	•••	100	167	2,062 202	113	3,315 254	4,7
***	2,081	206 5,590	13 160	1,500	•••	1,600	909	262 5,331	•••	4	 161	327	715	542 14,391	1,5 4 2 ,2
	115	577 409	2 5	68 104	•••	70 109	•••	281	•••	85	***	8,086 351 547	74 68	1,002	42,2 3 -3
	89 123	499 784	2 16	73 258		75 274	410	438 302	•••		105	547 377	68 131	944 2,286	2
	220	231		11		12	4 19	573 48		•••	109	1,371 60	3	294	1,8
	11,378	33,849	914	11,310		12,224	4,441	43,060	•••	1,849	1,639	63,213	4,921	1,01,983	1,42
	43,982	1,49,640	2,318	37,370	300	39,988	10 102	1,45,153	657	10,385	5.010	2,19,3 30	90.459	3,89,423	6,77,9

II-C.

Statement showing the Financial Results of Irrigation Works in the Decean and Gujarát for the year ending 1908-09, based on actual receipts.

Principal Results of Operations for the year ending 31st March 1909.

	Direct and Indirect	Gross Receipts,	Working	Net	Percent- age of net revenue	Interest on	REVENU PAYING	PLUS E AFTEE INTEREST PRECT OUTLAY	EXCESS C INCLUI INTER ON DI CAPITAL	DING REST RECT
Irrigation Works.	Capital Outlay to end of 19:8-09.	Direct and Indirect, from all sources.	Expenses, Direct and Indirect.	Revenne excluding charges for Interest.	Capital Outlay to end of the year.	Capital Outlay at average rate.	Amount.	Percent age on- Capital Outlay.	Amount.	Per- centag on Capita Outlay
1,	2	3	4	5	6	7	8	9	10	11
MAJOR WORKS.	Rs	Rs.	Re.	Re.		Rs.	Rs.		Rs.	
35.—PROTECTIVE IRRIGATION WORKS. In Operation.										
Nira Canal including Shetphal Tank Mhasvad Tank	64,33,878 20,96,016	2,94,693 24,628	92,962 36,191	2,01,731 8,437	3·14 0·40	2,05,338 67,868	***		3,607 59,431	0.06 2.84
Total .		3,19,321	1,09,153	2,10,168	2.46	2,73,206			63,038	0.74
er 1 . O Amedian										
Under Construction. Prayara River Canal Project	1,04,866	******	*****	400,00	•	1,781			1,781	1.70
Chankápur Tank Máládevi do.	14,01,989	*****	*****	000 peo 440 peo	***	43,244 10,287	***	•••	43,344 10,287	3·06 3·20
Godaveri Canal Budhial Tank		*****	*****	******	***	49,261 16,541		•••	49,261 16,541	3.20
Total .	44,53,758					1,21,214			1,21,214	2.72
Tota <mark>l, Protective</mark> Works .	1,29,83,653	3,19,321	1,09,153	2,10,168	1.62	3,94,420			1,84,252	1.4
49.—IRRIGATION WORKS.		1/		117						
PRODUCTIVE WORKS.	140	/-								
In Operation.		C.								
Háthmati Canal Lower Pánjhra River Works	5,17,838 4,68,621	17,563 12,129	11,747 6,626	5,816 5,503	1.12	16,613 15,072	***		10,797 9,569	2·0
) Kádva River Works 1 Pravara River Works—Lákh Canal	10,05, 7 18 3,71,891	18,331 1,920	10,820 6,936	7,511 -5,016	0°75	32,516 11,527	***		25,005 16,943	2.4
2 Mutha Canals including Matona Tank 3 Ekruk Tank	75,38,034	3,66,170 39,375	1,18,704	2,47,466 27,511	3·28 2·05	2,43,844 41,559	3,622	0.02	14,048	i:0
4 Krishna Canal	8,66,627 1,21,09,115	5,03,076	11,590	35,998	2 68	3,89,288	8,241	0.89	64,499	0.2
Total, Productive Works Total, Major Works	2,50,92,767	8,22,397	2,87,440	5,34,957	2.13	7,83,708			2,48,751	0.8
3MINOR WORKS AND NAVIGATION	٧.									
In Operation.										
6 Wangroli Tank	5,82,230 2,38,987	70,492 8,391	17,878 3,236	52,614 6,155	9.04 2.16	19,303 6,849	\$ 3,311	5 72	1,694	
7 Tranza-Nagramma Tank	2,77,387 2,39,946	2,100 2,469	1,093	-2,939 1,376	(a) 0.57	7,87 2 6,847	***	***	10,811 5,471	2.2
9 Hartála do.	73,382 1,38,956	2,698	248 1,103	260 1,595	0·35 1·15	1,623 4,358	•••	***	1,363 2,763	1.8
1 Jámda Canals 2 Paraul Tank	10,41,089 2,14,985	10,043 3,760	7,109 1,274	2,934 2,486	0·28 1·16	33,F41 7,039	***	***	30,607 4,553	2.1
3 Pravara River Works—Ojhar Canal	3,47,550 3,79,707	15,209 6,139	9,236 4,247	5,973 1,892	1·72 0·50	10,975 11,935			5,002 10,043	2.0
	45,590 2,24,568	2,511	2,366	-231 1 45	0.06	1,381 7,181	***	***	1,612 7,036	3*:
		1,255			(a)	7,212	1 1	•••	8,423 2,356	6.0
7 Bhádalvádi do. 8 Koregaon do.	2,27,422 39,189	836	2,466 1,909	-1.211 -1.073	(a)	1,283		48 186		2*2
77 Bhádaívádi do. 18 Koregaon do. 19 Ashti do. 10 Pathri do.	39,189 8,36,091 6,87,380	11,897 704	1,909 4,791 997	1.073	(a)	25,619 19,276		1:90	18,513 19,569	
17 BhádaÍvádí do. 18 Ashti do. 10 Pathri do. 11 Rewári Cansl 12 Unper Mán River Works	39,189 8,36,091 6,87,380 59,811 4,39,286	836 11,897 704 4,533 5,196	1,909 4,791 997 1,798 3,844	-1,073 7,106 -293 2,735 1,352	(a) 0.85 (a) 4.57 0.31	25,619 19,276 1,921 14,072	814	1.36	19,569 12,720	3:
7. Rhádaírádí do. 3. Koregaon do. 9. Ashti do. 10. Pathri do. 11. Rewári Canal 13. Upper Mán River Works 14. Crikhii Canal	39,189 8,36,091 6,67,380 59,811 4,39,286 7,64,570 57,442	836 11,897 704 4,533 5,196 18,273 2,191	1,909 4,791 997 1,798 3,844 6,589 2,067	-1.073 7,106 -293 2,735 1,352 11,684 124	(a) 0.85 (a) 4.57 0.31 1.53 0.22	25,619 19,276 1,921 14,072 24,349 1,821	814 	1 36	19,569 12,720 12,665 1,697	3: 2: 1: 2:
17. Rhádaírádí do. 18. Koregaon do. 19. Ashti do. 19. Pathri do. 11. Rewari Canal 12. Upper Mán River Works 13. Verla River Irrigation Works 14. Chikhli Canal 15. Maini Tank 16. Muchkundi do.	39,189 8,36,091 6,87,380 59,811 4,39,286 7,64,570 57,442 4,87,650	836 11,897 704 4,533 5,196 18,273 2,191 8,096 392	1,909 4,791 997 1,798 3,844 6,589	-1,073 7,106 -293 2,736 1,352 11,684 124 4,781	(a) 0.85 (a) 4.57 0.31 1.53	25,619 19,276 1,921 14,072 24,349 1,821 15,638 4,745	814	1.36	19,569 12,720 12,665 1,697 10,857 4,607	3: 2: 1: 2: 2: 2:
17. RhádaÍvádí do. 18. 19. Ashti do. 19. 10. Pathri do. 10. 11. Rewári Csusl. 12. Upper Mán River Works 13. Yerla River Irrigation Works 14. Chikhli Canal. 15. Maini Tank. 16. Muchkundi do. 17. Gadikeri do. 18. 18. Gokák Canal, First Section, and Stora	38,189 8,36,91 6,87,380 59,811 4,39,286 7,64,570 57,142 4,87,650 1,58,707 16,918	836 11,897 704 4,533 5,196 18,273 2,191 8,096 392 2,071 56,661	1,909 4,791 997 1,798 3,844 6,559 2,067 3,315 254	-1.073 7,106 -293 2,735 11,352 11,684 124 4,781	(a) 0.85 (a) 4.57 0.31 1.53 0.22 0.98 0.09	25,619 19,276 1,921 14,072 24,349 1,821 15,638 4,745 554	975	1.36	19,569 12,720 12,665 1,697 10,857 4,607	3: 2: 1: 2: 2:
17. Rhádaívadí do. 18. Koregaon do. 19. Ashti do. 10. Pathri do. 11. Rewári Canal. 12. Upper Mán River Works. 13. Yerla River Irrigation Works. 14. Chikhli Canal. 15. Maini do. 16. Muchkundi do. 17. Gadikeri do. 18. Gokák Canal, First Section, and Stora. 19. Vámbal Tank.	38,189 8,36,91 6,67,380 6,811 4,39,286 7,64,570 57,142 4,87,650 1,58,707 16,918 ge 13,57,854 63,830	836 11,847 704 4,533 5,196 18,273 2,191 8,096 392 2,071 56,661 1,394 669	1,909 4,791 997 1,798 3,844 6,589 2,067 3,315 254 542 14,391 1,002	-1,073 7,106 -293 2,735 1,352 11,684 4,781 138 1,529 42,270 302 -355	(a) 0.85 (a) 4.57 0.31 1.58 0.22 0.98 0.09 9.04 3.11 0.61 (a)	25,619 19,278 1,921 14,072 24,349 1,821 15,638 4,745 654 44,051 2,059 2,651	814	1.36	19,569 12,720 12,665 1,697 10,657 4,607 1,781 1,667 8,006	3: 2: 1: 2: 2: 2: 2: 3: 3:
17. Rhádaívadí do. 18. Koregaon do. 19. Ashti do. 10. Pathri do. 11. Rewári Canal. 12. Upper Mán River Works. 13. Yerla River Irrigation Works. 14. Chikhli Canal. 15. Maini do. 16. Muchkundi do. 17. Gadikeri do. 18. Gokák Canal, First Section, and Stora. 19. Vámbal Tank.	39,199 8,36,981 6,67,390 59,811 4,39,286 7,64,570 1,58,707 16,918 ge 13,67,854 63,930 1,67,588	836 11,827 704 4,533 5,196 18,273 2,191 8,096 392 2,071 56,661 1,394 669 1,196 2,635	1,909 4,791 1,798 5,844 6,569 2,087 3,315 254 642 14,391 1,002 1,024 944 2,286	-1.073 7.106 -293 2.735 1.352 11.684 124 4.781 138 1.529 42,270 302 -355 2523 349	(a) 0.85 (a) 4.57 0.31 1.53 0.22 0.98 0.09 9.04 3.11 0.61 (a) 0.34 0.21	25,619 19,276 1,921 14,072 24,349 1,821 15,638 4,745 554 44,051 2,059 2,651 2,155 5,457	978	5.76	19,569 12,720 12,665 1,697 10,857 4,607 	2 1 2 2 2 2 2 3 3 3 2 4
17. Rhádafvadi do. 18. Koregaon do. 19. Ashti do. 19. Pathri do. 11. Rewari Caonal 12. Upper Mán River Works 13. Verla River Irrigation Works 14. Chikhli Canal 15. Maini Tank 16. Muchkundi do. 17. Gadikeri do. 18. Gokák Canal, First Section, and Stora Works 19. Irámbal Tank 16. Medleri do. 16. Asaudi do. 16. Asaudi do. 16. Madag do. 16. Mávinkop do.	39,199 8,36,081 6,67,380 69,811 4,39,286 7,64,570 57,44,570 11,58,707 16,918 88 13,32 74,976 11,67,598 33,504	836 11,827 704 4,533 5,196 18,273 2,191 8,096 392 2,071 56,661 1,394 669 1,196 2,635 2,203	1,909 4,791 997 1,798 8,844 6,589 2,067 3,315 254 542 14,391 1,002 1,024 944 2,986 294	-1.073 7.106 -293 2.736 1.352 11,684 1.24 4,781 1.38 1,529 42,270 392 -3555 253 349 1,909	(a) 0'85 (a) 4'57 0'31 1'58 0'22 0'98 0'09 9'04 3'11 0'34 0'34 0'21 5'70	25,619 19,276 1,921 14,072 24,349 1,821 15,638 4,745 554 44,051 2,059 2,651 1,021	978	1°36 5°76 2°65	19,569 12,720 12,665 1,697 10,565 4,607 1,781 1,603 8,006 1,803 5,108	3:3 2:1 1:1 2:2 2:3 3:3 3:3 3:3
77. Rhádaírádí do. 18. Koregaon do. 19. Ashti do. 10. Pathri do. 11. Rewári Canal 12. Upper Mán River Works 13. Yerla River Irrigation Works 14. Chikhli Canal 15. Maini Tank 16. Muchkundi do. 17. Gadikeri do. 18. Gokák Canal, First Section, and Stora Works 19. Pámbal Tank 10. Madleri do. 14. Asuudi do. 15. Madag do. 15. Mávinkop do. 16. Mávinkop do. 17. Total	39,199 8,36,081 6,67,380 69,811 4,39,286 7,64,570 57,44,570 11,58,707 16,918 88 13,32 74,976 11,67,598 33,504	836 11, 827 704 4,533 5,196 18,273 2,191 8,096 392 2,071 56,661 1,394 669 1,196 2,635 2,203	1,909 4,791 1,798 5,844 6,569 2,087 3,315 254 642 14,391 1,002 1,024 944 2,286	-1.073 7.106 -293 2.735 1.352 11.684 124 4.781 138 1.529 42,270 302 -355 2523 349	(a) 0'85 (a) 4'57 0'31 1'58 0'22 0'98 0'09 9'04 3'11 0'34 0'34 0'21 5'70	25,619 19,276 1,921 14,072 24,349 1,821 15,638 4,745 554 44,051 2,059 2,651 2,155 5,457	978	5.76	19,569 12,720 12,665 1,697 10,657 4,607 1,781 1,667 8,006 1,803 5,106	3:3 2:1 1:1 2:2 2:3 3:3 3:3 3:3
7. Rhádaívadí do. 2. Koregaon do. 2. Ashti do. 3. Pathri do. 4. Rewári Canal 3. Upper Mán River Works 4. Chikhli Canal 5. Maini Tank 6. Muchkundi do. 6. Gadikeri do. 8. Works 9. Dámbal Tank 9. Mámbal Tank 9. Mámbal do. 4. Asundi do. 4. Asundi do. 4. Asundi do. 4. Asundi do. 4. Madag do. 4. Mavinkop do. Total Under Construction.	39,199 8,36,619 8,36,619 6,87,390 6,87,390 6,87,390 7,64,570 7,64,570 16,918 86 13,67,686 13,67,884 13,67,884 16,7,598 33,504	836 11,87 704 4,533 5,196 18,273 2,191 8,096 2,071 56,661 1,394 2,635 2,203 2,44,932	1,909 4,791 997 1,798 8,844 6,589 2,067 3,315 254 542 14,391 1,002 1,024 944 2,986 294	-1.073 7.106 -293 2.736 1.352 11.684 4.781 1.38 1.529 42,270 392 -355 253 349 1,909	(a) 0.85 4.57 1.58 0.22 0.98 0.09 9.04 3.11 0.61 (a) 0.34 0.21 5.70	25,619 19,276 1,921 14,072 24,349 1,821 15,638 4,745 554 44,051 2,059 2,651 2,755 5,457 1,021 2,92,688	978	1°36 5°76 2°65	19,569 12,720 12,665 1,697 10,565 4,607 1,761 1,667 8,006 1,803 5,100	3: 2: 1: 2: 2: 2: 3: 3: 3: 3: 3: 3: 3: 3: 3: 3: 3: 3: 3:
17. Rhádaívadi do. 18. Koregaon do. 19. Ashti do. 19. Pathri do. 11. Rewari Cansl 12. Upper Man River Works 13. Verla River Iterigation Works 14. Chikhli Canal 15. Maini Tank 16. Muchkundi do. 17. Gadikeri do. 18. Gokák Canal, First Section, and Stora Works 19. Dámbal Tank 10. Medleri do. 14. Asuudi do. 15. Maini do. 15. Mavinkop do. 15. Mavinkop do. 16. Mavinkop do. 17. Total **Under Construction** **Under Construction** **Under Construction** **Under Construction** **Under Construction** **Under Construction** **Under Construction** **Under Construction**	39,199 8,36,619 6,67,380 69,811 4,39,286 7,64,570 7,64,570 16,918 ge 13,87,854 63,990 81,312 74,916 1,67,598 33,504	836 11, 807 704 4, 533 5, 196 18, 273 2, 191 8, 096 392 2,071 56, 661 1, 394 669 1, 196 2, 203 2, 44, 932	1,909 4,791 1,798 3,844 6,589 2,087 3,315 254 642 14,391 1,002 1,024 944 2,286 2,94	-1.073 7.106 -293 2.736 1.352 11,684 1.24 4,781 1.38 1,529 42,270 392 -3555 253 349 1,909	(a) 0'85 (a) 4'57 0'31 1'58 0'22 0'98 0'09 9'04 3'11 0'34 0'34 0'21 5'70	25,619 19,276 1,921 14,072 24,349 1,821 15,638 4,745 554 44,051 2,059 2,651 2,455 5,457 1,021 2,92,688	978	1°36 5°76 2°65	19,569 12,720 12,665 1,697 10,857 4,607 1,781 1,967 8,006 1,803 5,106 1,49,738	2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2
77. Rhddafvadi do. 19. Ashti do. 19. Ashti do. 10. Pathri do. 11. Rewari Canal 12. Upper Man River Works 13. Upper Man River Works 14. Chikhii Canal 15. Maini Tank 16. Muchkundi do. 17. Gadikeri do. 18. Works 19. Dámbal Tank 19. Dámbal Tank 19. Madag do. 14. Asundi do. 15. Madag do. 16. Mavinkop do. 17. Total 18. Under Construction. 18. Sahiat Tank 15. Victoria do. 17. Total	39,199 8,36,981 6,57,380 59,811 4,39,286 7,64,570 7,64,570 16,918 ge 13,57,854 63,990 33,504 92,58,476	836 11, 807 704 4, 533 5, 196 18, 273 2, 191 8, 096 392 2,071 56, 661 1, 394 669 1, 196 2, 203 2, 44, 932	1,909 4,791 997 1,798 8,844 6,589 2,067 3,315 254 542 14,391 1,002 1,024 944 2,286 2,94 1,01,983	-1.073 7.106 -293 2.736 1.352 11.684 4.781 138 1,529 42,270 392 -355 253 349 1,909	(a) 0'857 0'31 1'53 0'22 0'98 0'09 9'04 3'11 0'61 (a) 0'34 0'21 5-70	25,619 19,276 1,921 14,072 24,349 1,821 15,638 4,745 554 44,051 2,059 2,651 2,059 2,651 2,059 2,651 2,059 2,651 2,059 2,651 2,059 1,921	978	1°36	19,569 19,720 12,665 1,697 10,557 4,607 1,781 1,667 8,006 1,803 5,108 1,49,738	2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2
17. Rhddafvadi do. 18. Koregaon do. 19. Ashti do. 19. Ashti do. 10. Pathri do. 11. Rewari Cansl 12. Upper Man River Works 13. Verla River Irrigation Works 14. Chikhil Canal 15. Maini Tank 16. Muchkundi do. 17. Gadikeri do. 18. Gokák Canal, First Section, and Stora Works 19. Dámbal Tank 19. Dámbal Tank 19. Madag do. 14. Asundi do. 15. Madag do. 16. Mavinkop do. 17. Total Under Construction. 14. Sahiat Tank 15. Victoria do. 16. Total In Absyance.	39,199 8,36,619 6,67,390 6,67,390 7,64,570 7,64,570 1,58,707 16,918 ge 13,57,854 1,67,598 33,544 1,20,031	836 11, 8-7 704 4, 533 5, 196 18, 273 2, 191 8, 096 392 2,071 56, 661 1, 394 2,635 2,203 2,44,932	1,909 4,791 997 1,798 3,844 6,589 2,067 3,315 254 542 14,391 1,002 1,024 2,286 294 1,01,983	-1.073 7.106 -293 2.736 1.352 11,684 1.24 4,781 1.38 1,529 42,270 392 -355 253 349 1,909 1,42,949	(a) 0.85 (a) 1.54 (a) 1.55 (a)	25,619 19,276 1,921 14,072 24,349 1,821 15,638 4,745 554 44,051 2,059 2,851 2,155 5,457 1,021 2,92,688 1,369 1,364 3,233	978	1°36	19,569 12,720 12,665 1,697 10,565 4,607 1,781 1,803 5,106 1,49,738 1,366 1,803 3,233	3: 1: 1: 2: 2: 3: 3: 3: 3: 3: 3: 3: 3: 3: 3: 3: 3: 3:
77. Rhddafvadi do. 19. Ashti do. 19. Ashti do. 10. Pathri do. 11. Rewari Canal 12. Upper Man River Works 13. Upper Man River Works 14. Chikhii Canal 15. Maini Tank 16. Muchkundi do. 17. Gadikeri do. 18. Works 19. Dámbal Tank 19. Dámbal Tank 19. Madag do. 14. Asundi do. 15. Madag do. 16. Mavinkop do. 17. Total 18. Under Construction. 18. Sahiat Tank 15. Victoria do. 17. Total	39,199 8,36,619 6,67,380 69,811 4,39,286 7,64,570 7,64,570 16,918 ge 13,87,854 63,990 81,312 74,916 1,67,598 33,504	836 11,807 704 4,533 5,196 18,273 2,191 8,096 392 2,071 56,661 1,394 669 1,196 2,635 2,203 2,44,832	1,909 4,791 997 1,798 3,844 6,569 2,067 3,315 254 542 14,391 1,002 1,024 944 2,286 2,94 1,01,983	-1.073 7.106 -293 2.736 1.352 11,684 1.24 4,781 1.38 1,529 42,270 392 -3555 253 349 1,909 1,42,949	(a) 0.85 (a) 4.57 (b) 4.57 (c) 4.58 (c) 9.98 (c) 9.99 (c) 4.68 (c) 9.99 (c) 4.69 (c) 9.99 (c)	25,619 19,276 1,921 14,072 24,349 1,821 15,638 4,745 554 44,051 2,059 2,651 2,455 5,457 1,021 2,92,688	978	1°36 5°76 2°65	19,569 12,720 12,665 1,697 10,857 4,607 1,781 1,967 8,006 1,803 5,106 1,49,738	3: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2:

⁽a) No percentage is calculated as the net revenue against these works are minus figures.

III—C.

Demands and Realizations during the year 1908-1909 in Deccan and Gujarát.

		Balance of demands	1	DEMANDS OF T	THE YEAR (o).	Total including	Deduct,		Deduct	
	Irrigation Works.	at com- mence- ment of year.	Rabi, 1907-1908.	Kharif, 1908-1909,	Miscella- neous Receipts.	Total.	Balance at commence- ment of year.	Remissions not including Cash Refunds.	Net Total.	amount unrealized at close of year.	Actual Realiza- tions of the year.
	. 1	2	8	4	5	6	7	8	9	10	11
	MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	35.—Protective Irrigation Works.										
1 2	Nira Canal including Shet- phal Tank Mhasvad Tank	4 1 P 2 CF	49,984 38,368	2,50,768 18,738	10,413 872	3 ,11,165 57,978	4, 26 ,332 93,438	643 (c)—1,370	4,25,689 94,808		2, 95,182 24,628
_	Total	1,50,627	88,352	2,69,506	11,285	3,69,143	5,19,770	-727	5,20,497	2,00,687	3,19,810
	49.—IRRIGATION WORKS. Productive Works.										
•	Háthmati Canal	70	10,095	6,822	000	17,885	17.059		15.050	-0.5	17.500
8 9 10	Lower Panjhra River Works. Kadva River Works Pravara River Works—Lakh	19,757	100	(b) 2,061 13,492	968 993 74 6	11,123 22,147	17,958 14,165 41,904	214	17,958 14,165 41,690	395 5 ,28 4 23,953	17,563 8,881 17,737
11 12	Canal	338	491	654	262	1,407	1,745		1,745	-38	1,783
13 14	Matoba Tank Ekruk Tank Krishna Canal	1,60,350 18,662 21,223	5,752 15,117 17,583	1,94,561 24,545 31,085	1,45,245 26,187 2,075	3,45,558 65,849 50,743	5,05,908 84,511 71,966	1,104 (c)—1,025	5,04,804 85,536 71,966	46 ,161	3,66,300 39,375 47,637
	Total	2,23,445	65,016	2,73,220	1,76,476	5,14,712	7,38,157	293	7,37,864	2,38,588	4,99,276
	Total, Major Works	3,74,072	1,53,368	5,42,726	1,87,761	8,83,855	12,57,927	-434	12,58,361	4,39,275	8,19,086
	43.—Minor Works and Navigation.			3//2		177					
15 16 17 18	Khári Cut Canal Wangroli Tank Tranza-Nagramma Tank Savli do	1,226	237 1,548 810	50,212 4,192 467 3,661	2,369 446 449 74	52,818 6,186 1,226 3,735	1,0 7,279 10,050 2,452 3,735	57 4 21	1,07,2 2 2 10,046 2,431 3,735	2,355 354	70,492 7,691 2,077 2,469
19 20 21 22	Hartála do Mhasva do Jámda Canals Parsul Tank	131 3,528	41 1,715 5,281 3,384	23 2,080	407 852 1,731	508 2,590 9,092	508 2,721 12,620	23	2,698 12,620	2,561	508 2,698 10,059
23 24	Pravara River Works—Ojhár Canal Bhátodi	295 11,035 1,877	3,466 2,028	526 4,045	256 720 967	4,166 8,231	4,461 19,266 5 156		19,266		3,760 15,157
25 26 27	Kasurdi do Shirsuphal do Bhádalvádi do	43 1,586	254 2,060 501	284	156 408 210	3,279 410 2,468 7)1	2,511 2,297	12 42	5,144 410 2,511 2,255		4,803 410 2,511 1,255
28 29 30	Koregaon do Ashti do Pathri do	427 9,632 345	676 16,339 520	1,687 1,192	56 4 05 68	732 18,431 1,780	1,159 28,063 2,125	•••••	1,159 28,063 2,125	823 16,166 1,421	836 11,897 764
31 32 33 34	Revári Canal Upper Mán River Works Yerla River Irrigation Works. Chikhli Canal	1,369 7,645 26,464 1,922	3,820 2,499 12,249 941	807 5,203 1,143	167 64 675	4,794 2,563 18,127 2,085	6,163 10,208 44,591 4,007	6	6,163 10,208 44,585 4,007	1,630 5,012 26,292	4,533 5,196 18,293 2,191
35 36 37	Maini Tank Muchkundi Tank Gadekeri do	7,290	3,312	3,018 12	159 380 10	6,489 392 10	13,779 392 10		13,779 392 10	1,816 5,683	8,096 392 10
38 39 40	Gokák Canal—First Section and Storage Works Dambal Tank Medleri do	9,140 633	12,350 199 288	24,046 342 496	16 ,02 0 105	52,416 646 784	61,556 1,279	863	60,693 1,279	3,431 826	57,262 453
41 42 43	Asundi do Madag do Mávinkop do	527 903	195 1,673	276 1,299	52 177	523 3,149	784 1,050 4,052 	******	784 1,050 4,052	115 486 1,417	669 564 2,635
,	Total, Minor Works and Navigation	1,44,343	75,886	1,05,071	27,384	2,08,341	3,52,684	1,028	3,51,656		2,37,621
	Grand Total	5,18,415	2,29,254	6,47,797	2,15,145	10,92,196	16,10,611	594	16,10,017	5 ,53,3 10	10,56,707

⁽a) Excluding Irrigation share of Land Revenue.

V. C. FRENCH,

⁽b) Inclusive of assessments shown in Canal Return No. IX.

⁽c) More than the amounts actually allowed were shown in previous year now deducted.

IV-C.

Statement showing the Financial Results of Irrigation Works in Deccan and Gujarát for the year ended 1908-1909, based on the Assessment of the year.

Principal Results and Operations for the year ended 31st March 1909.

Prigation Works Completed and proper of Completed Actions Co	•		44.			Rev	RNUE AS	sesed 1	DURING T	HE YEAR.					Per-
		Irrigation Works.	outlay (direct and indirect)		1	Direct a	ssessed Re	evenue (a)	•		Revenue (Land Reve-	Grand	Expenses, direct and	Revenue of the	centage on Capital outlay
MAJOR WORKS, Se. Bs. B										Total.	operation of Canal)	Total.		year.	of year.
MAJOR WORKS, 35.—Protective Irrigation Works, 12 Niva Canal including Stephal Time, 45.29,864 35.09,000 3.59,864 3.50,001 3.59,864 3.50,001 3.59,864 3.50,001 3.59,864 3.50,001 3.59,864 3.50,001 3.59,864 3.50,001 3.59,864 3.50,001 3.59,864 3.50,001 3.59,864 3.50,001 3.59,864 3.50,001 3.59,865 3.50,001 3.59,865 3.50,001 3.59,865 3.50,001 3.59,865 3.50,001 3.50,0		1	2	3	4	5	6	7	8	9	10	11	12	13	14
35.—Protective Irrigation Works. Total \$5,59,884 \$3,60,621 \$3,810 \$4,80 \$5,50,884 \$19,807 \$6,807 1.6,407 2.6,44			Rs.	Rs.	Rs.	Ra.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Re.	
No. Canal including Shetphal Tank 64.38.873 8.12.166 8.169 77.244 8.22.500 8.25.500 8.25.500 15.841 20.9631 20.9631 2		Major Works,													
Total 5.39,864 3,56,021 5,215 8,072 5,33,00 3,68,205 1,06,183 2,66,000 300 400 100 100 100 100 100 100 100 100 1		35.—Protective Irrigation Works.													
## ## ## ## ## ## ## ## ## ## ## ## ##	1 2								7,244 828			8,22,569 46,637			3°57 1°40
## Productive Works 5,17,808 15,066 238 7,00 10,684 11,147 7,00 10,1		Total	85,29,894	3,56,921	•••	3,213		.4.	8,072	3,68,206	800.000	3,68,206	1,09,153	2,59,053	3.04
Compared the Compared Compar			3	-///	///					7					
Total 121,09,116 3,39,764 3,079 1,78,897 5,07,230 4,021 5,11,201 1,73,257 3,32,974 279 Total Major Works 2,08,39,009 6,87,675 6,892 1,81,409 8,75,436 4,031 8,79,407 2,87,400 5,92,037 2,93 43.—Minor Works And Navigation 5,82,300 52,500 1 2,308 64,372 5,643	9 10 11 13	Lower Pánjhra River Works Kádva River Works Pravara River Works—Lákh Canal Mutha Canal including Matoba Tank Rkruk Tank	4,68,621 10,05,718 3,71,891 75,38,034	9,139 19,862 1,331 2,00,543	 	87 149 107 1,917			906 597 155 1,43,328 25,596	10,132 20,608 1,593 3,45,788 61,212	3,248 594 147 42	13,380 21,202 1,740 3,45,830 61,212	6,626 10,620 6,936 1,18,704 11,864	6,754 10,382 -5,196 2,27,128	3.01 3.68
43.—MINOB WORKS AND NAVIGATION. 14 Khári CUT Canal	14							-							4-23· 2-75
NAVIGATION		Total, Major Works	2,06,39,009	6,87,675	bin	6,292			1,81,469	8,75,436	4,031	8,79,467	2,87,440	5,92,027	2:87
16 Khárí Cut Canal 5,82,30 52,508 1 2,368 54,872		43.—Minob Works and													
	16 17 19 19 19 19 19 19 19 19 19 19 19 19 19	Khári Cut Canal Wangroli Tank Tranza-Nagramma Tank Savli do. Hartála do. Mhasva do. Jámda Canals Parsul Tank Pravan River Works—Ojhar Canal. Bhátodi Tank Kásurdi do. Shirsuphal do. Shirsuphal do. Shirsuphal do. Royari Canal Lyper Mán River Works Yerla River Irrigation Works Yerla River Irrigation Works Terla River Irrigation Works Chikhli Canal Maini Tank Muchkundi Tank Gadikeri do. Gokák Canal—First Section and Storage Works Dámbal Tank Medleri do. Asundi Tank Medleri do. Asundi do. Madag do. Mávinkop do.	2,38,987 2,77,387 2,39,946 73,382 1,38,968 10,41,089 2,14,995 3,47,650 3,79,707 45,590 2,24,568 2,27,422 39,189 8,36,091 5,87,380 59,811 1,39,286 7,64,870 57,442 4,67,650 1,58,707 16,918 13,57,650 81,392 81,392 81,392 81,392 81,398 81,398 81,398 81,398 81,398	5,790 589 4,639 123 917 5,731 676 676 11,106 3,795 5,1493 1,352 11,552 12,683 5,789 3,693 12 12 12 12 12 12 14 15 16 17 18 19 19 19 19 19 19 19 19 19 19		192 1,190 17 52 16 7 513 45 90	14,033		446 449 74 401 660 541 239 668 967 106 408 210 63 389 61 167 64 675 1 159 380 10 1,474 60 52 87	6,236 1,038 4,713 529 1,769 7,462 932 11,826 4,762 207 2,496 3,703 1,408 11,967 2,161 5,956 3,756 17,152 2,461 8,094 392 10 52,454 454 454 4,092	700 23 76 1,350 2,061 981 632 2,203	6,936 1,061 4,713 629 1,779 7,463 932 11,902 6,112 2,456 3,703 1,406 11,907 2,161 5,966 17,162 8,034 392 2,671 1,437 1,013 1,236 3,002 2,207	3,236 5,039 1,093 2,48 1,103 7,109 1,274 9,236 4,247 641 2,366 2,466 1,909 4,791 997 1,798 3,844 6,589 2,067 8,315 2,542 1,024 1,022 1,024 2,286 2,286	3,700 -3,783 3,620 281 686 883 -342 2,866 1,985 -454 120 1,125 -501 7,176 1,144 4,158 -988 10,563 394 4,779 1388 1,520 38,063 4,979 -11 312 806 1,909	1.55 (a) 1.51 0.38 0.48 0.403 (c) 0.77 0.40 0.96 0.96 (c) 0.96 0.96 0.98 0.99 0.99 0.99 0.99 0.99 0.99 0.99
Grand Total 2,98,97,485 8,71,812 8,421 14,033 1,92,691 10,86,957 12,057 10,99,014 3,89,423 7,09,591 2.3		GBAND TOTAL											 		-

⁽a) Excluding remissions shown in Canal Returns No. V.
(b) Irrigation share of Land Revenue assessments.
(c) Net assessed revenue is minus figures, hence no percentage is calculated.



Gul Hayat Institute

				ÅRBA IRRI	GATED IN A	CRES.			Aver		RGES, CUBIC BCOND.	Fert
No.	Name of Canal.					••	Donb	le-cropped.	At I	Iead.	Utilia	sed.
		Kharif.	Rabi.	Total.	Flow.	Lift.	Area irri - gated,	Percent- age of Total Area.	Kharif.	Rabi.	Kharif.	Rabi,
1	2	8	4	5	6	7	8	9	10	11	12	13
1	MAJOE WORKS. Protective Works. Nira Canal (23,814	18,914	42,72 8	4 2,457	271	2,817	0.0	23 8	266		900
•		1,465						6.6			212	266
	Shetphal Tank (1,340	2,805	2,805	***	720	25.7	10	17	10	17
2	Mhasvad do.j	3,823	6,462	10,285	10,276	9	614	5.97	29.25	96.35	27.59	96•35
	Total	29,102	26,716	55,818	55,53 8	280	4,151	7*44		•••		
	Productive Works.											
5	Háthmati Canal	2,267	6,108	8,375	8,309	66	•••	•••	139	121	26	54
6	Lower Pánjhra River Works	2,091	74	2,165	2,165	•••		•••	1.69	6· 3 0	1.69	6•30
7	Kádva River Wághad Tank. Valkhed Canal. Oj h a r—Tám-		1,075	2,361	2,308	53	51	2.16	24-86	36·38	24·86	36.38
	Wadali Canal	404 241	212 256	616 497	614 497	2	3 7	0·49 1·41	3·37 5·58	6.86 7.60	3·37 5·58	6.86 7.60
8	Pravara River Works—Lakh	912	342	1,254	1,207	47	181	14.43	43.42	12.48	40 00	9.34
9	Mutha Canals Motaba Tank	9,650 704	579 807	10,229 1,511	10,108 1,510	121	161 190	1·57 12·58	160·42 4·37	133·41 8·27	(a) 4·37	133.41
10	Ekruk Tank	2,817	2,299	5,116	5,014	102	1,498	29.28	20.64	37.80	18.50	8·27 36 ·76
11	Krishna Canal	2,382	2,808	5,190	4,353	837	30.13	0.57	34.96	72.90	34*96	72-90
,	Total	22,754	14,560	37,314	36,085	1,229	2,121.13	5*68	•••			
	Total, Major W <mark>orks</mark>	51,856	41,276	93,132	91,623	1,509	6,272'13	6.73		••••		
	Minor Works and Navi- Gation,											
12	Khári Cut	7,672	853	8,525	8,295	230	853	. 9	124	59	124	59
13	Tranza-Nagramma Tank	181	61	242	229	13	•••		9	Nil.	9	Nil.
14	Wangroli Tank	1,144	777	1,921	1,833		•••	•••	62	55	62	5 5
15 16	Savli do Hartála do	888 17	513 29	1,401	1,386 46		•••	•••	11 0·10	Nil. 0.08	0·10	Nil. 0.08
17 18	Mhasva do Jámda Canals	13 1,042	1,783	460 2,825	456 2,824		163	0°87 5°77	0·62 21 ·87	5·40 21·96	0.62 20.77	5·40 21·44
19 2 0	Parsul Tank Pravara River Works-Ojhár	486	38 3,405	524 8,105	524 8,079		30 1,432	5.72	4'60	1.26	4.60	1.26
21	Canal.							17.67	85•40	24.78	77.65	23.98
22	Bhátodi Tank Kásurdi do	67	1,145 19	1,212 19	1,171 19	41	22	1.82	1.24	7.06	1.24	7:06
23 24	Shirsuphal do Bhádalvádi do	:::	839 1,578	839 1,57 8	839 1,576	··· ₂				4·27 5·57	J :::	4.27 5.57
25 26	Koregaon do	 513	494 2,447	494 2 ,960	488 2,950	6 10	103	•••	3•35	3·09 18·5 3	3.35	3.09
27 28	Pathri Tank	290	330	620	438	182		3 .4 8	0.20	2.98	0.20	18·53 2·98
	Revári Canal	78	1,398	1,476	1,476	***	***	•••	2· 21	11.03	2.21	11.03
29 30	Upper Mán River Works Yerla River Irrigation Works		1,184 3,267	1,184 3,865	1,180 3,841	4 24	5	0.13	0 ·4 0 8·82	5·61 30·02	0·40 5·84	5·57 21·65
3 1 32	Chikhli Canal	134 218	319 1,391	453 11,609	449 1,580	4 29	27	1.07	1.64 4.59	3·91 9 · 22	1·6+ 4·59	3·91 9·22
33 34	Muchkundi do	2		2	2	•••	•••	•••	0.24	Nil.	0.20	Nil.
35	Gadikeri do			+377	•••	•••		•••	***	•••	•••	*** .
3 6	Dámbal do	225 *144	}6	{ 231 { *144	31	***		•••	1.77	U•87]	(
37 38	Medleri do Madag do	1 40	125 463	167 895	160 894			•••	0·94 4·47	1.93 7.59	All uti	lized eakage
3 9	Asundi do	78	50	128	100			•••	0.55	1.04	water.	
40 41	Mavinkop do. Gokak Canal, 1st Section, and Storage Works.	*559	2,570	*185 *559 8,015	7,489	 526		•••	32•14	38.63	 32·14	38·63
	Total	24,265 1,080	25,531 *185	49,796 1,265	48,575	1,221	.2,639	5•29			***	
- 1	GRAND TOTAL	76.121	66,807	142,928	140,198	2.730	8,911.13	6.53				
,												

E.

Bombay Presidency, excluding Sind, during the year 1908-1909.

		CUBIC FOOT PE		Base to which the Duties	OF WATER ARE CALCULATED.	
Discharged	at Head.	Utili	ized.			Bemarks.
Kharif.	Babi.	Kharif.	Rabi.	Kharif.	Rabi.	
14	15	16	17	18	19	200
100 146	122 117	1 12 1 4 6	122 117	16th February to 15th	16th October to 15th February.	
130.70	92.81	138.56	92.81	15th February to 15th October.	16th October to 14th February.	
<u></u>				45		
16:31	50•48	87.19	113-11	1st July to 31st October.	1st November to 31st March,	
237-281	103.96	1237.28	103.96	1st June to 31st October.	1st November to 31st March.	
50·88 119·88	62·37 79·88	50·88 119·88	62·37 79·88	lst June to 15th October.	16th October to 28th	
79·75 21 ·00	91·18 29·65	79·75 22·80	91.18	Ist dule to 13th October.	February.	
60 1.61 136.4 8	51 145 122·72	(a) 161 152·27	51 145 126 20	From 16th February to 15th October. From 15th February to 15th	February. From 16th October to 14th	allowed to run into t
6 8	39	68	39	October. From 15th January to 14th October.	February,	
•••	•••				7000	
				4875		
61.87	14.46	61 [.] 87	14.46	From 1st June to 31st October.	From 1st November to 31st	
20.11	•••	2 0·11			From 1st November to 31st	t/
18·45 80·72	14.13	18·45 80·72	14.13	From 1st June to 31st October. From 1st June to 31st October.	From 1st Nov. to 31st March.	
170 20.96	362·50 83·30	170 20.96	362·50 83·30	From 15th February to 14th	From 15th October to 14th	
47.64 105.65	86.93 34.13	50·17 105·65	89 04 34·13	Cotober. From 1st August to 15th Oct.	February.	
55.04	152.34	60.23	157.42	From 1st June 15th October	FIGH TOTH OCCOPET TO TONE	
50.81	168-27	50.81	168•27	2 0 7 7 0 4 :	matet	140
•••	196 283	::: 	196 283	From 16th February to 15th	From 16th October to 15th February.	ule
	227.83	152-10	227.83	From 15th February to 15th	From 16th October to 14th	
153·13 402 55	142 79 147 126	153·13 402 ,85	142·79 147 126	October. From 15th January to 14th October.	February. From 15th October to 14th January.	
	211 109	102	215	•••••	*****	
68 82	82	82	153 8 2	*****	*****	
47 Not	151 known.	47 • Not	151 known.	No experiments were made	*****	There being no water in t
***	***	•••		••		tank no land was irrigat for Rabi crops.
208	155	J		1		•
45 97	83 103	Not	known.	From 16th January to 15th	From 16th October to 15th	† Consolidated assessme
413	172]		October.	January.	levied on 337 acres only *Area under consolidat assessment.
162.46	98•5 9	162·46	98·59	From 16th January to 15th October.	From 16th October to 15th January.	+ The whole area under co
•••	•••		•••			additional area irrigat by the Gadikeri Tank.
				·		ı

Statement showing Incidence of Working Expenses and Assessed Water Revenue

		Average Discharge		WAT	ER-RATE AS	SESSED.		Gross	Working
No.	Name of Work.	of the year at Canal Head in Cubic feet per Second.	Occupier's.	Owner's,	Total Direct.	Indirect.	Total Direct and Indirect.	assessed Revenue from all sources.	Expenses, Direct and Indirect.
	Major Works. Protective Works.		Rs.		Rs.	Rs.	Rse	Rs.	Rs.
1 2	Nira Canal and	247	2,98,237 13,919 44,765	***	2,98,237 13,919 44,765	•••	2,98,237 13,919 44,765	3,22,569 45,637	9 2,962 16 ,191
	Total	•••	3,56,921	***	3,56,921		3,56,921	3,68,206	1,09,153
	Productive Works.								
5 6	Háthmati Canal Lower Páujhra River Works Waghad Tank	4.29	18.666 9,139		18,666 9,139	3,248	18,666 12,387	19,634 13,380 29	11,747 6,626 2,129
7	Kádva River Pálkhed Canal Vorks. Pálkhed Canal Ojhar — Támba		13,993		13,993	594	14,587	15,245	5,895
8	Wadáli Canal	2·43 4·61	3,452 2,417		3,452 2,417	•••	3,452 2,417	3,492 2,4 36	1,094 1,702
9	Canal Mutha Canals including Matobe Tank	18·89 (1)150·27 4 71	1,331 1,90,773 9,770		1,331 1,90,773 9,770	147 42	1,478 1,90,815 9,770	1,740 3,45,830	6,936 (2)1,18,704
11	Krishna Canal	26·3 6 45· 80	3 5,025 4 6,188		35,025 46,188		35,025 46,188	61.21 2 48,263	11,864 11,590
	Total		3,30,754	//	3,30,754	4,031	3,34,785	5,11,261	1,78,287
	Total, Major Works		6,87,675		6,87,675	4,031	6,91,706	8,79,467	2,87,440
	Minor Wor <mark>ks and</mark> Navigation.		-//						
12 13 14 15 16 17 18 19	Khári Cut Tranza-Nagramma Tank Wangroli Tank Savli do. Hartála Tank Mhasva do. Jámda Canals Parsul Tank	9 58 11 0·10	52,503 589 5,790 4,639 122 917 5,731 676		52,508 589 5,790 4,639 122 917 5,731 676	733 700 	52,503 612 6,490 4,639 122 917 5,731 676	54,872 1,061 6,916 4,713 529 1,769 7,462 932	17,878 5,039 3,236 1,093 248 1,103 7,109 1,274
20 21 22 23 24 25 26 27 28 29 30 31 32 33 84	Pravara River Works—Ojhar Canal Bhatodi Tank Kasurdi do. Shirsuphal do. Bhadalvadi do. Koregaon do. Ashti do. Pathri do. Revári Canal Upper Mán River Works Yerla River Irrigation Works Chikhli Canal Maini Tank Muchkundi do. Nilgund do.	36·10 2·5· 1·42 1·86 1·03 8·41 1·33 4·05 1·89 14·88 2·89 2·99	11,106 3,795 51 2,078 3,493 1,352 11,562 2,083 5,789 3,692 16,477 2,460 7,535	t	11,106 3,795 51 2,078 3,493 1,352 11,562 2,083 5,789 3,692 16,4.7 2,4460 7,935	76 1,350 	11,182 5,145 51 2,078 3,493 1,352 11,562 2,083 5,789 3,692 16,477 2,460 7,935	11,902 6,112 207 2,486 3,703 1,408 11,467 2,151 5 966 3,756 17,.52 2,461 8,094	9,236 4,247 641 2,366 2,466 1,9.9 4,791 1,798 3,844 6,589 2,067 3,315 254
85 86	Gadikeri do Dámbal do		 351	•••	351	2,061 981	2,061 1,332	2,071 1,437	542 1,002
87 38 39	Medleri do. Madag do. Asundi do.	4.1:	1,013 2,915 572	 •••	1,013 2,915 572	 632	1 013 2,915 1,204	1,013 3,092 1,256	1,024 2,286 944
40 41	Mavinkop do Gokák Caual, 1st Section, and	•••	•••	•••	•••	2,203	2,203	2,203	294
**	Storage Works	1	36,434		36,434	***	36,434	52,454	14,391
	Total	•…	1,84,137	•••	1,84,137	8,026	1,92,163	2,19,547	1,01,983
	GRAND TOTAL		8,71,812	•••	8,71,812	12,057	8,83,869	10,99,014	3,89,423

E.
on Canals in the Bombay Presidency, excluding Sind, during the year 1908-1909.

Area	w	orking Ex	epenses.	Occur	ier's Rate.		WATER-BATE, and Indirect.	
irrigated during the year.	Per cent. on Gross Revenue.	Per Acre irrigated.	Per Cubic foot per Second of Discharge at Canal Head.	Per Acre irrigated.	Per Cubic foot per Second of Discharge at Canal Head.	Per Acre irrigated.	Per Cubic foot per Second of Discharge at Canal Head,	Remarks.
Acres.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
42,728 2,805 10,285	} 28·82	2·04 1·57	358 ·93	6·86 4· 35	1,205 86 7	6·86 4·35	1, 2 05 867	
55,818	29-64	1:96		6.39		6:39	***	
8,375 2,165	59.83 49.52 7,341	1·40 3·06	183·55 1,544·52	2·23 4·22	291°65 2,130	2: 2 3 5:72	291.65 2,887.41	(1) Includes supply sen down for replenishin Mátoba Tank.
2,361	38.67	2.50	265•18	5.93	629-42	6.18	656-14	(2) Debitable to— Poona Water-
616 497	31 70	1·78 3·42	450°21 369°20	5·60 4·86	1,420·58 524·30	5.60 4.86	1,420·58 524·30	supply. Rs. 64,964 do. Irrigation ,, 53,740
1,254	399	5.53	367.18	1.06 18.65	70·46 1,269·53	1·18 18·65	78 · 24 1,269 · 81	Rs 1,18,704
10,229 1,511	34.32	(3) 4.58	765.93	6.47	2,074	6.47	2,074	
5,116 5,190	19·38 24·0	2·32 2·23	450 253	6.85 8.90	1,329 1,008	6:85 8:90	1,329 1,008	(3) The working expens per acre irrigated a
37,314	4.87	4.78		8.86		8:97	Lag	calculated on t amount debitable to Ir gation, i. e., Rs. 53,74
93,132	32.68	3 09		7:39		7.43	•••	
		1						
8,525 242 1,921 1,401 46 460 2,825 524	32·59 474·93 46·65 23·19 46·88 62·35 95·27	2:09 20*82 1:68 0:78 5:39 2:40 2:52 2:43	319*25 559*89 55:79 99:36 24*80 494:62 323:72 1,158:18	6·16 2·43 3·01 8·31 2·65 1·99 2·03 1·29	937·55 65·44 99·82 421·73 1,22) 411 261 614·55	6°16 2°53 3°33 3°31 2°65 1°90 2°03 1°29	937·55 68 111·90 421·73 1,220 411 261 614·55	
8,105 1,212 19	78 69·48 309·66	1·14 3·50 33·74	255·21 1,646·12	1.37 3.13 2.74	306·88 1,470·93	1·38 4·25 2·74	308·98 1,994·19	
839 1,578	95·17 66·59	2·82 1·56	1,666·20 1,325·81	2·48 2·21	1,464 1,878	2·48 2·21	1,464 1,878 1,312	
4 94 2, 960	135 58 40·J4	3·86 1·62	1,853 570	2·73 3·90	1,312 1,375	2·73 3·90	1,375	4.0
620 1,476	46·35 30·91	1.61 1.22	750 443	3·36 3·92	1,566 1,429	3·36 3·92	1,566 1,429	ne
1,18 i 3,865	102·34 38·41	3·25 1·70	2,034 443	. 3·1 2 4·2 6	1,953 1,107	3·12 4·25	1,9 53 1,107	
453 1,609	84 0? 40 95	4.56 2.05	715 1,109	5·43 4·93	850 2,654	5·13 4·94	850 2,654	
2	64:00	127	Not known,	6.00	Not known.	6.00	Not known.]
*377 231	26.17	1·44 4·33	,	•••	•••	•••	•••	* Consolidated assessmen
†144 167	69·73	†2.67 6.13	643 861	1·55 6·07	23 0	3·57 6·07	863 851	levied on 337 acr
895	73.93	2.55	554	3·23	851 706	3.26	706	+ Area under consolidat assessment.
123 †185	} 75·16	7.38	} 1,409	4.48	855	3.85	1,799	
+559 8,015	13·35 27·44	0·53 1·80	419.03	 4·54	1,051-51	3·94 4·54	1,061.51	
49,796	46.45	2	•••	3-61	•••	3.76		†The whole area und consolidated assessme
\$1,265 142,928 \$1,2,5	85.43	2.70	•••	6.05		6:13	•••	with the exception 40 acres additional ar irrigated by the Gadika Tank.

Statement of Quantity and Value of Crops irrigated in the Bombay

III-

	inc	(1) L CANAL cluding	Мнаву	(2) AD TANK.	Натны	(8) ati Canal.	(9 Lov Pánjhe Wo	VKR
•	Area irrigated.	Estimated	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value	Area irrigated.	Estimated Value,
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Vegetables Orchards. Fruits and other trees	112	16,650	52 27		•••	•••	43 247	956 3,247
Sugarcane	7,060	22,67,600	157	18,816	7	700	5	230
Wheat Barley			5 0 9		512 649	16,384 12,980	21	252
Rice	. 337		191	7,028	2,251	1,12,550	41	112
Cereals Jowar				6,629 61,366	53 2	1,060 40	35 27	517 120
Chino, Rági, Rála, Wara			191	2,154	213	4,260		
Bájri Miscellaneous			587 	6,997		120	483 17	4,946 75
40 HILLI M	1.60	07.704	400	6.764	4 164	1 04 000		
Gram, Udid, Mug		37,1 84	406		4,164	1,24,920	1	" 1
Pulses Peas				•••	•••	•••	1 260	9 495
Ground-nut	701	2,48,930 2,420		76,360	•••	•••	360	3,42 5
			23	276				
Fodder Crops. { Fodder				2/0	•••	•••		•••
Fibres Cotton			13	359			516	4,591
Fibres { Cotton	01	500	2		•••	•••	1	1
Dyes		•••	•••	•••	•••	•••	+==	
Drugs and Tobacco		90	8	1 96	•••	•••	1	1
Oil-seeds { Mustard, Sesam	y:a	t l	9	1 07	 120	6,000	339	3,569
Condiments { Chilly and Onions Garlie, Turmeric and Methi	. 178	9, 787 	80]	3,527 30	374	18,700	2 7	9 33
Miscellaneous	. 29	580	•••	•••	24	24	18	28
and insufficiently irrigated	•••	•••	43	71		•••	·	•••
Total	45,533	35 ,13, 090	10,285	2,09,751	8,375	2,97,738	2,165	22,116
Area on which consolidated assessment is levied	•••	•••	•••	•••	•••	•••	•••	•••

E.

Presidency, excluding Sind, during the year 1908-1909.

-	(10)	<u></u>	IVER WORK			FRAVA	(11) BA RIVER	Митн	(12) A CANALS		13)
Pálkhe	l Canal.		-Támbat anal.	Wada	ili Canal.		s—La'kh anal.		NG MATOBA	EKRUK	TANK.
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimate Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	A cres.	Rs.	Acres.	Rs.
56 9	893 288	11 1	13 4 57	1 2	12 131	22 5	148 212	332 642	5,09 7 32,5 23	28 35	1,200 600
3 16	62,927	61	12,240	1	190	2	22 9	5,037	20,13,362	603	1,20,60
7 58	21,330	153	4,118	220	5,9 45	45	1,212	464	25,647	155	9,92
107	11,855	1	20	3	455	***	***	3 463	162 2 4,88 9	551	11 26,44
107	17,000	ĺ	10	1	5	2	13	24	606	27	67
i	13		•••	2	35	44	490	847	38,530	1,508	48,25
•••			***		•••			10	343	31	49
12	384	30	974	14	447	842	11,939	2,419	69,440	21	69
1	13	•••	•••	•••	11			34	340	45	72
147	3,944	64	1,685	23	637	241	4,120	114	3,412	457	13,75
•••	•••	•••	•••					1	40	55	1,98
***	•••		• • • •	•••				1	19		•••
7 26	26,958	241	8,405	217	7,585	4	62	302	22,571	1,327	1,32,70
•••	•••	•••	•••	•••	•••		•••	8	149	47	75
20	263	•••	***	1	21	2	8	64	1,292	22	38
5	95	1	27	***	•••	2	47	191	6,591	•••	
						15	224	9	362	5	5(
22	94	12	58	2	8		224	6	89		
								- 75			
***	•••	•••	***	•••	***	•••	•••	•••	444.00	•••	•••
•••	•••		•••			14	7 71	3	111	3	30
•••	•••	•••	•••	•••	•••			•••		•••	•••
1	12	Ç _{II}	1 44	LI	O.T.	0.1	11	04	44444		
•••	"	JΊ	7		a y	d l		121	22		•••
96 81	4,444	39	2,943	1	40	14	160	161	5,240	148	13,55
01	1,205	•••	•••	9	87	•••	•••	9	269	3	40
•••	•••		•••		***		•••	595	2 0,458	•••	•••
2	1									38	
_	•••	•••	•••	•••	•••	•••	•••	•••	•••••	00	•••
2,361	1,34,735	616	30,715	497	15,598	1,254	19,635	11,740	22,71,561	5,116	3,73,98
····											
•••	•••	***	•••	•••	•••	•••	•••		•••••	•••	•••

	Krish	(14) NA CANAL.	Кнав	5) at Cut nal.	(16) Wangroli Tank,		(17) TBANZA-NAGBAMA TANK.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Esti- mated Value.	Area irrigated,	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Vegetables Orchards. Fruits and other trees	83	1,000	3	90		30	•••	*** * ***
Sugarcane	1,171	5,26,950	8	1,200	•••	•••	•••	•••
(Wheat Barley	5 78	20,230	4 0 5 24 1	8,100 4,820	•••	4,480	44 10	880 150
Cereals Rice Maize	530 17	13,250 425	7 ,611	4,56,660	•••	57,42 0	178	12,000
Jowár Chino, Rági, Rála, Wara	145	6,5 <mark>25</mark>	43	645		•••	•••	•••
Bájri Miscellaneous	***	•5•	8	120	15 134	450 4,020	3	90
(Gram, Udid, Mug	38	2, 432	1	25	515	7,725	7	105
Pulses Tur Peas	•••	•••	•••	***	•••	400	•••	•••
Ground-nut	1,414	1,41,400	1111	***		•••	•••	•••
(Mi <mark>scellane</mark> ou s	100		"	•••	•••	•••	•••	•••
Fodder Crops. { Fodder	2	20	•••	•••	***	•••	•••	•••
Fibres $\left\{ \begin{array}{ll} \operatorname{Cotton} & \dots \\ \operatorname{Tág} \left(\operatorname{Hemp} \right) & \dots \end{array} \right.$	19	76 0	•••		•••	•••	•••	
Dyes	•••	***	•••	•••	•••	•••	•••	•••
Drugs and Tobacco Marcotics. Bháng	15 	600	•••	•••	9	720	•••	***
Oil-seeds $\left\{ egin{array}{ll} ext{Mustard, Sesam} & \dots & \dots \\ ext{Linseed, Castor-oil} & \dots & \dots \end{array} \right.$	ya	at]	lns	stat	u	25	•••	•••
Condiments Chilly and Onions Garlie, Turmeric and Methi.	151 651	9,060 9 7, 650	•••	•••	6 5	 2,600	•••	•••
Miscellaneous	37 6	•••	205	2,050	•••	•••	•••	•••
Land insufficiently irrigated	•••	•••	• • •	• • •	•••	•••	•••	•••
Total	5,19 0	8,20,302	8,525	4,73,71 0	1,921	77,470	242	13,225
Area on which consolidated assessment is levied	•••		•••	•••			•••	•••

\mathbf{E} —continued.

Savli	18) TANK.	(19 Hartál)) a Tank.	Мназ	(20) va Tank.	Jámo	21) A CANAIS	Parsu	22) L Tank.	PRAVAI Works	23) RA RIVER 3—OJHAR ANAL.
Area irrigated.	Estimated Value.	Area irrigated.	Esti- mated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
•••	•••	1	3 •••		3	30 30	346 1 ,48 1	•••	•••	18 46	306 2,811
•••	•••	•••	•••		•••	4 6	4,361	5	80 6	141	21,292
298	5,960	10	25 2	276	6 ,19 3	1,289	24,961	***		852	23,611
870	45 6 0, 900	***	•••	2	 3 5	44	501	•••	•••	5	128
•••	•••	•••	•••			6	80	•••	•••	1	10
1	20	6	5 9	1	24	769	8,629	•••	•••	647	8,497
•••	***	***	•••	•••	/ =	•••	***	465	6,505	4,304	79,765
17	51 0	•••				1	10		•••	•••	•••
211	3,165	8	40	161	4,107	320	2,387	38	1,240	956	22 ,83 7
•••	•••	•••			ACCOUNT ON	3	38		•••	•••	•••
•••	•••	***	•••	2	15	25	332	•••		***	4.750
•••	•••	•••	•••	2	50	16	477	•••	***	123	4,150
	•••	•••	•••	•••	***	•••	***	•••	•••		
	•••	10	20	•••	•••	3	45	•••		13	632
•••	•••	•••	***	•••		•••	***	***	•••	19	42 3
	•••	2	30	7	150	137	3,001	15	170	2	•••
•••	•••	•••	•••	•••	•••	20	476	•••	•••	***	•••
•••	•••	•••	•••	•••	•••	•••	•••	•••	***	•••	•••
	•••	1	5	•••	•••	5	2 22	•••	•••	10	339
•••	•••	•••		•••	•••	•••	•••	•••	•••	•••	***
	(111			av	at	111	sti	tut	e	
" 1	20	2	3	•••						•••	•••
•••	•••	1 3	20 1	2	42 	2 9	1,088	•••	•••	• 42 38	1,49 8 564
•••	•••				•••			•••	•••		
		Waste.		Plough	(Waste.		•••			•••
•••	•••	2	•••	6	}	Thresh i 3 Plough i 4		•••	•••	888	***
1,401	70,620	46	43 3	460	10,619	2,825	48,453	524	8,737	8,105	1,66,863
•••	•••	•••	•••		•••	•••	•••	•••	•••	•••	•••

	Внат	(24) Bhatodi Tank.		25) of Tank.	(26) Shirsuphal Tank.		(27) Bhádalvádi Tank.	
	Area irrigated		l Area irrigated.	Esti- mated Value.	Area irrigated.	Estimated Value.	Area irrigated	Estimated Value.
	Acres	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
O-1 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•••	***	•••	•••	1 24	23 2,8 5 6	2	40
Sugarcane	•••	•••	•••	•••	43	12,900	10	3,250
Barley	54	•••	2	136	68 3	2,380 90	48	2,160
Cereals Maize Maize Maize	1 962	28,856	17	 850	660	25,740	860	36,980
Missellansons	20	603		•••	•••	•••	597	47,760
Gram, Udid, Mug	55	E. (4)			21	504	5 3	2 ,226
Pulses Peas	•••		•••	•••	1	25	6	180
Ground-nut	7	372		•••	***	•••	•••	•••
roader Crops 3 T	4	36	4	•••		•••	•••	•••
ribres (riz - / rr)			•••	•••			1	40
Dyes ,	•••		•••	•••	•••	•••		•••
af o inc	15 55		•••	•••	15	345	. •••	
	ya	it::I	13.9	st1	tu	te	1	25
$egin{array}{c} oldsymbol{\epsilon} & oldsymbol{\epsilon} \ ext{Condiments} \dots & egin{array}{c} ext{Chilly and Onions} \ ext{Garlic, Turmeric and Met} \end{array}$	7	475	•••	•••	1 1	28	•••	•••
Miscellaneous	\$2	13,020	•••	•••	2	40	•••	
Land insufficiently irrigated	•••		•••	•••	•••	•••		•••
Total	1,212	54,157	19	.986	839	44,931	1,578	92,661
Area on which consolidated assessment levied	is	-	•••		•••	•••	•••	

Koreg.	29) LOW TANK.	() Asyri	29) Tabe.	Рати	(30) RI TANK.	(3 R svá ri	CANAL.	UPPB3 Mán R	2) Iver Works.
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area hrrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
1	15	4 13	55 8 442	9	425 	30	2, 286	3	90
	•••	36	7,190	10	1,800	20	5, 8 5 0	1	180
16	110	229	8,620	20	750	270	16,380	47	1,875
•••		-••		•••	•••	•••		•••	•••
•••	•••	284 195	4,360 7,154	7	5 5 0	49	2,4 50	•••	•••
264	600	1,515	8,770	268	12,000	699	41,940	1,098	41,624
•••	. • • •	160	7,104	1	12		•••	•••	40-
***	••• •••	4	79	400	•••	-1	36	2	 48
	7			Part 1					-30
2	20	499	7,999	10	150	55	2,970	21	1, 1 9 7
•••	•••	6	55	40.			2,7,0		***
1 81	₇₀₀	6	245	234		327	10.600	5	050
101	700	0	290	234	8,000	321	19,620	•••	25 0
						////			***
	•			2	25	(///			
••••	, •••		. ,,,,		•••	•••		***	•••
				1				•	
•••	•••	•••		•••	•••	•••	•••	•••	•••
•••	•••	. •••	•••	•••		004	•••	•••	•••
•••	•••	•••	•••	•••		***	•••	tee	•••
1	25	7	142	1	50	_		1	60
•••	•••	2	51	•••		•••	•••	•••	•••
•••		1 ــ ــ ١	T. T		_ 4		4	-4	•••
•••		T	•••	ЯV	. 20	173S			***
	-	J 653		~J	CUU.		ULUL	200	
11	515	•••	•••	11	425	10	680	1	03
18	500	•••	•••	44	4,310	15	1,350	1	60
				:					
•••	•••	•••	•••	•••	•••	•••	•••	4	•••
,									
•••	•••	•••	•••	1	***	•••	•••	•••	•••
							·		
404	9.405		~0 B00	222	22.20			3.304	4- 404
494	2,485	2,960	(52,76)	. 620	28,529	1,476	93,562	1,184	45,464
									
	•••							•••	
• • •		***		. •••	•••	•••	***		•••

				YERL	33) A RIVER SATION BKS.	(34 Снікны	CANAL.	Маг	(35) NI TANK.	Миснк	(\$6) UNDI TANE
				Area irrigated.	Estimated Value.	Area irrigated.	Esti- meted Value.	Area irrigated,	Estimated Value.	Area irrigated.	Estimated Value.
				Acres.	Rs.	Acres	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens a	and $\left\{egin{array}{l} ext{Vegetabl} \end{array} ight.$	les	•••	32	4,500	10	94	19	1,140	•••	•••
Orchards.	Fruits ar	nd other trees	•••	13	3,250	•••	•••	18	1,800	2	18
Sugarcane	•••	•••	•••	162	33,400	29	12,950	125	5 ,625	•••	aja.
	Wheat		•••	333	18 880	41	1,435	129	3,870	•••	•••
	Barley Rice	•••	•••	3	 150	7	175	4	80	•••	•••
Cereals) Maize		•••	5	175	•••		•	•••	•••	•••
Cercara	Jowar	D.(1- 107		1,384	66,432		4,005	704	35,200	•••	•••
	Chino, R Bájri	lági, Rála, W		1	24	•••	•••		•••		•••
	Miscellar	eous	***	2	64		•••	23 7	920 285	•••	•••
										•••	•••
	(d T	111 M.	111	275	70.040	10		***			
	Tur	did, Mug			50,640 80		3,072	392	1,568	***	•••
Pulses	Peas	•••		2 2	80			1	40	***	•••
	Ground-1	nut			45,360		16,100	153	9,180	•••	•••
	(Miscellan	ieous	•••	1	25		•••	•••	•••	•••	•••
				W-	111	///				 	
	C Fodder	6573	W	5	175	11/6					
Fodder Crop	$\mathbf{ps} \cdot \left\{ egin{array}{l} \mathbf{Fo} rac{\mathbf{d} \mathbf{der}}{\mathbf{Lucerne}}, \end{array} ight.$	&c.	••		1/0			•••	•••	•••	•••
			1			•••	•••	•••	•••	•••	•••
	C (1) 1 1 1 1										
Fibres	S Cotton	*** ***		•••	•••		•••	***		***	***
I. (D) Ca	··· (Tág (He	mril									
	V 6 (mp) •••	••	***	***	•••	•••	•••	•••	***	•••
Dyes	•••	•••	••	•••	***	•••		•••	•••	•••	•••
Drugs a	nd [Tobacco	•••		7	700			20	1 200		
Narcotics.	Bhang	•••	••	'	100	!	•••		1,200	***	•••
	` .			'''	•••	•••	•••	•••	· • •	•••	•••
	CM west	1 TT			4. 1			4	4 _		
Oil-seeds	Mustatu,	, Sesam Castor-oil	9	∇PQ	T	19 (Q.T.1		TA	•••	
	C Inneed,	Castor-on	C	y	l le l	leed	コレ	بالبادا	UNION .	•••	•••
							}				
~ 11 4	(Chilly ar	nd Onions	••	34	4,080	34	2,310	10	1,600	•••	•••
Condiments	} Garlia T	urmeric and N	- -4 \ :		301	25	-				
	(Carne, 1	urmeric and a	1etui	3	125	25	3,750	4	200	•••	•••
Miscellaneou	ıs	•••		65	•••	4			_		
					•••	-	•••	•••	•••	•••	•••
T. Jimma		1									
Land Insum	ciently irrigat	ed, •••	••	•••	•••	•••	•••	•••	•••	•••	•••
		Tota	1	3,865	2,28,150	453	43,921	1,609	62,708	2	18
				'	-, ,		10,===	-,	4-7 5	_	10
Amea on m	hich consolida	- 4-1 namenam	4 :-								
levied	Hich consona	area mesessing	3DC 18								
	• • • • • • • • • • • • • • • • • • • •	•••	•••	***	•••	•••	•••	•••	•••	•••	•••
		_ 		l ,	······································		- 1			<u> </u>	

(37) Gadikeri) Tank.	GORÁR C. SECTION, AN	8) ANAL, IST ID STORAGE RKS.	Dami	(39) FAL TANK.	(40) Medleri Tank.		A sund	(41) DI TANK.
Area irrigated.	Esti- mated Value.	Area irrigated.	Estimated Value.	Area irrigated,	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
	•••	-83	1,245	13	Crop spoile 460	15	440	80	1,326
•••	•••	48	4,800	3	210	$\left\{\begin{array}{c} 3\\41\end{array}\right.$	Crops peris 6,550	hed.	•••
•••	•••	316	3 9,50 0	•••	•••	1	90		•••
	•••	8	160		•••	•••	•••	1	52
•••	•••	197	2,758	•••		•••	•••		•••
•••	•••	31	775	7	591	4	116	2	64
•••	•••	3,622	72,440	104	***	•••	***	•••	•••
•••	•••	1,321	13,210 2,976	164 19	5,740	75	1,890	3	88
•••	•••	65	910		731	***	•••	2	10
•••	•••			•••	***			•••	•••
•••	•••			•••	•••	-		•••	•••
•••	•••	502	10,040	111.	=			2	90
	•••	•••					`		•••
•••	•••		1					•••	•••
•••	•••	304	10,640	,	***	•	•••	16	1,40
•••	•••	4	64		///	//	•••	•••	•••
	*				(())				
•••	•••	•••		***	•••	•••	•••	•••	•••
•••	•••		•••	•••	•••	•••	***	•••	•••
•••	•••	197	3,940	{ 4 4	Crops spoile		920		
				(4	160	20	390	•••	•••
•••	•••	284	2,840	. •••	•••	•••	•••	2	5
•••	, •••	•••	•••	***	•••	•••	•••	•••	•••
•••	•••	4	100	•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	. •••	•••	***	•••	•••	•••
•••		33	3 96	5	325				
•••	(Ha	$\mathbb{L}V2$		ŊŜŹ	36	të l	* •••
•••	•••	793	23, 790	$\left\{ egin{array}{c} 1 \\ 2 \end{array} ight.$	Crop spoile 53	d. 5	27 8	28	1,470
•••	•••	6	80	7	203			42	3,534
•••	•••	11	66		200	•••	•••	42	
			00	•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	1	•••	1	•••	•••	***
•••	•••	8,015	1,90,730	231	8,473	167	9,770	128	8,090
377*	***	•••	•••	144	•••	•••		185	•••

^{*} Consolidated assessment on 337 acres only.

III-E-concluded.

	!	MADA	(42) G TANK.	Mivinko) P TANK.	Te	DTAL.
		Area irrigated.	Estimated Value,	Area irrigated.	Estimated Value,	Area irrigated.	Estimated Value.
		Acres.	Rs.	Acres.	Rs	Acres.	Rs.
Gardens and Vegetables Orchards. Fruits and other to		\int 2	2,905 Young mango trees so no produce.	•••	. •••	992	26,744
Sugarcane		3 4	325 315	•••	•••	1,328 15,377	79,768 51,74,5 5 3
(Wheat	•••		•••	•••	•••	8,781	2,72,33
Rice	•••	293	8,790	•••	•••	1,172 14,829 4,473	21,929 8,10,697 90,634
Cereals Jowár Cbino, Rági, Ráls	•••	1	16	***		36,866 815	1,51,908 18,126
()('))		•••		•••		19,475 1,468	4,21,217 66,055
Gram, Udid, Mug		1	96	•••	•••	12,314 83	3,21,8 34 2,610
Pulses Peas	•••			•••	•••	31 16,054	7,84,940
I 'N.C' 13			//		•••	181	3,408
reager Crops 3 T		•••	•••	•••		171 218	3,148 7,18
FIDES Ass S my 'ver	•••		120	•••		972 376	14,79% 4,121
Dyes	100 00		•••			•••	•••
Drugs and Tobacco	••• •••	•••	•••	•••	•••	149	7,51' 5,56
Narcotics. { Bháng	Τ	•••	4 II	~ + -	 44	57	5,5 6
Oil-seeds { Mustard, Sesam Linseed, Castor oi	14	yа	L <u></u> I	SU	lll	389 129	4,46 6,15
Condiments Chilly and Onions	•••	9	541	•••		1,906	87,71
(Garlic, Turmeric a	nd Methi	517	22,355	•••	•••	1,926	1,58,03
Miscellaneous	•••	•••	•••	•••	•••	1,365	36,26
Land insufficiently irrigated	•••	•••	•••	•••	•••	1,031	7
· · · · · · · · · · · · · · · · · · ·	Total	895	35,463	•••	•••	1,42,928	95,82,22
Area on which consolidated asset	sement is		•••	559		*1,265	

[•] Whole area under consolidated assessment with the exception of 40 acres additional area irrigated by the Gadikeri "ank.



Gul Hayat Institute

IV--Comparative Statement of Irrigation and Rainfall for the years

	Or 1	ene Civil Dist	ri c t.		WORKS SUPPLYING IRRIGATION.	Culturable area
Civil District.	Total area in Acres.	Culturable area in Acres.	Cultivated area in Acres.	No.	Name.	commanded by the Irrigation Works in Column 6 in Acres.
1	2	3	4	5	6	7
Ahmedabad	Acres. 2,447,569	Acres. 1,719,958	Acres. 1,027,484 {	8 15	Háthmati Canal Khári Cut "	Acres. 28,840 11,500
					Total	40,340
Kaira	938,952	817,159	718,642 }	16 17 18	Wangroli Tank Tranja-Nagramma Tank Savli Tank	1,800 2,388 4,700
					Total	8,888
Рсена	3,421,956	2,555,1 <mark>5</mark> 1	2,538,599	1 12 25 26 27	Nira Canal including Shetphal Tark. Mutha Canals including Mátoba Tank Kásurdi Tank Shirsuphal Bhádalvádi	\$227,670 **49,800 478 2,500 2,400
					Total	282,848
West Khándesh	3,461,318	1,725,286	1,318,212	9	Lower Panjhra River Works	12,627
East Khándesh	2,912,497	2,074,150	1,954,073	18 20 21	Hartala Tank Jámda Can ils	527 4,075 40,185
		THE STATE OF	V2.55	L	Total	44,787
Násik	3,757,2 03	2,520,010	1,918,971	10	Kadva River Waghad Tank	26,280 7,421 2,729 3,197
					Total	39,627
Ahmednagar	4,227,685	2,728,061	2,678,818	11 23 24	Pravara River Works—Lákh Canal . Ojhar Canal Bhátodi Tank	25,536 21,155 13,657
					Total	60,348
Sholápur	2,909,911	2,478,842	1,913,730	2 13 28 29 30	Mhasvad Tank	NT - A lass manner
0	1 T	Τ	- 4		Total	136,166
Ul		1av	at	$\begin{cases} 20 \\ 14 \end{cases}$	Krishna Canal	26,453
Sátára	3,113,403	2,181,637	1,469,888	31 32 33	Upper Man River Works	7,623
				34	Chikhli Canal	1,478
				1	Total	58,297
Bijápur	• 3,652,68 1	3,263,039	2,815,308	36	Muchkundi Tank	5,417
Relgaum .	2,809,950	2,113,947	1,604,132	$\begin{cases} 37\\ 38 \end{cases}$	Gokak Canal, 1st Section, and Storag	Not know
					Works	17,627
						17,62
Dhamin	20100	,		39	Mallori	2,500
Dháswár .	2,946,84	2,408,390	2,022,270) 40) 4	1	1,01
				45	m	1,34 5,68
Kinara	2.525,178	382,059	336,033	4:	3 Mávinkop Tank	75
	39,145,151	26,967,688	22,316,460		Sond Total	713,41

§ Includes 25,900 ccr.s commanded by Shetphal Tank.

** Do. 7,133 do. by Matcha Tank.

E. 1907-1908 and 1908-1909 in the Bombay Presidency, excluding Sind,

Area at present estimated as		Are	A IRRIGATE	D IN ACRI	is.		RAIN	FALL.	
annually rrigable by the works specified in		1907-1908.			1908-1909.		1907-1908.	1908-1909.	Remarks.
Column 6.	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres. 8,000 7,000	Acres. 1,742 6,066	Acres. 4,830	Acres. 6,572 6,160	Acres. 2,267 7,672	Acres. 6,108 853	Acres. 8,375 8,525	Inches. 40.95 32.75	Inches. 39.96 32.47	At Prantij. At Ahmedabad Civil Hospital.
15,000	7,808	4,924	12,732	9,939	6,961	16,900			
2,000 1,200 3,000	1,232 635	627 155	1,859 790	1,144 181 888	777 61 513	1,921 242 1,401	30· 79 37 · 61 30·08	37·68 33·19 32·73	At Thásra At Mátar At Kapadwanj At Kapadwanj At Kapadwanj New rain gauges ha been put up last ye in the catchments these tanks.
6,200	1,867	782	2,649	2,213	1,351	3,564			
(113,280	23,008 1,929 6,754 864 1 542 374	15,317 634 559 751 127 863 741	38,325 2,563 7,313 1,615 128 1,405 1,115	23,814 1,465 9,650 704	18,914 1,340 579 807 19 839 1,578	42,728 2,805 10,229 1,511 19 839 1,578	15·33 10·42 39·80 16·63 23·24 9·03 12·32	18·20 18·88 22·89 12·04 13·60 12·00 24·70	
141,480	33,472	18,992	52,464	35,633	24,076	59,709	34 70		
12,627	1,590	1,205	2,795	2,091	74	2,165	14·70 29·80	8.97	
415 1,700 5,000	171 90 3,525	11 845 2,598	182 935 6,123	17 13 1,042	29 447 1,783	46 460 2,825	26·79 11·41	25.57 22.01 18.73	
7,115	3,786	3,454	7,240	1,072	2,259	3,331			
9,837 2,367 2,433 1,000	 839 291 125 113	1,090 310 251 820	1,929 601 376 933	1,286 404 241 486	1,075 212 256 38	2,361 616 497 524	26.35 20.43 15.43 10.18	11*48 10*14 9*83 7*68	
15,637	1,368	2,471	3,839	2,417	1,581	3,998	7		
11,280 14,763 12,124	277 1,267 444	240 1,582 751	517 2,849 1,195	912 4,700 67	342 3,405 1,145	1,254 8,105 1,212	16·19 18·02 19·55	14*98 21*48 17*54	
38,167	1,988	2,573	4, 561	5,679	4,892	10,571			
24,300 16,941 1,050 11,780	3,007 3,215 236 1,200	7,322 3,156 307 3,374 199	10,329 6,371 543 4,5 74 343	3,687 2,817 513 290	6,152 2,299 494 2,447 330	9,839 5,116 494 2,960 620	14.00 19.62 12.45 13.91 18.84	18 • 27 20 • 58 21 • 96 21 • 20 28 • 36	
1,953 56,024	7,802	14,358	22,160	7,307	13,722	19,029	1002	25 50	
500 12,320 1,920 2,080 5,480 1,478 4,625	169 1,613 81 68 313 94 568	518 3,423 1,167 769 3,468 227 984	687 5,036 1,248 837 3,781 321 1,552	136 2,382 78 598 134 218	310 2,808 1,398 1,184 3,267 319 1,391	446 5,190 1,476 1.184 3,865 453 1,609	14·00 34·27 27·10 12·23 30·21 28·88 21·81	18·27 26·12 25·45 14·27 24·82 21·74 15·89	ate
28,403	2,996	10,556	13,462	3,546	10,677	14,223			
750		2	4			2	15.28	12.70	
417+	377*	•••	377*	377*	•••	377*	30.98	24.67	
17,627	5,173	2,536	7,714	5,445	2 570	8,015	18•24	17.91	
417† 17,627	377* 5.17 8	2,536	377* 7,714	377* 5,445	2,570	377* 8,015			
1,000	156 144†	67	223 144†	225 144†	6	231 144†	13.80	8 35	
600 1,011	62 61	47 37	109 98	42 78	125 50	$\begin{array}{c} 167 \\ 128 \end{array}$	18·80 23·50	5*30 10*89	
1,345	300	185† 468	185† 758		185† 463	185† 895	28.02	17:02	
3,956	579 144+	609 185†	1,188 329	777 144†	6 44 185†	1,421 329†			
617	561†		561+	559†		559†	No gauge.	No gauge.	1
417† 3,43,603	1,082‡ 68,346	185† 6 2 .462	1,267‡ 1,30,808	1,080‡ 76,121	185† 66,807	1,265‡ 142,928	}		

^{*} Only 337 acres are under Consolidated assessment. † Area under consolidated assessment.

‡ Whole area under consolidated assessment with the exception of 40 acres additional area irrigated by the Gadikeri Tank.

STATEMENT F.

Statement showing the Operation of Irrigation Works in the Bombay Presidency for the year 1908-1909.

No.	Names of Works.	Amount 1908-1		Remis	SIONS.	Тота	L.	Grand Total.	Remarks.
		Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	10131.	
1	2	3	4	5	6	7	8	9	10
	Major Works. Protective Works.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1 2	Nira Canal including Shetphal Tank	2,50,768 18,738	61,388 26,027	•••	•••	2,50,768 18,738	61,388 26,027	3,12,156 44,765	
	Total	2,69,506	87,415	100	***	2,69,506	87,415	3,56,921	
	Productive Works.								
5 6	Háthmati Canal Lower Pánjhra River Works (Wághad Tank	6,882 2,061	11,906 1,069	60	62	6,822 2,061	11,844 1,069	18,666 3,130	
7	Kádva River Pálkhed Canal Works. Pálkhed Canal Ojhar Támbat Canal	9,587	4,405 928	•••	•••	9,587 2,525	4,405 928	13,992 3,453	
8	Wadáli Canal Pravara River Works—Lákh	1,380	1,037 676	***		1,380 654	1,037 676	2,417 1,330	
9 10 11	Mutha Canals including Matoba . Ekrûk Tank Krishna Canal	1,94,561 24,545 31,085	5,982 10,480 16,103			1,94,561 24,545 31,085	5,982 10,480 15,103	2,00,543 35,025 46,188	
	Total	2,73,280	51,586	60	62	2,73,220	5 1,52 4	3,24,744	
	Total, Major Works	5,42,786	1,39,001	60	62	5,42,726	1, 3 8, 9 39	6,81,665	!
į	MINOR WORKS AND NAVIGATION.								
12 13 14 15 16 17 18	Khári Cut Tranza-Nagramma Tank Wangroli Tank Savli Tank Hartála Tank Mhasva do. Jámda Canals Parsul Tank	52,688 704 4,226 3,751 60 23 2,080 526	2,291 122 1,597 978 62 895 3,651 1£0	2,476 237 34 90	48	50,212 467 4,192 3,661 60 23 2,080 526	2,291 122 1,597 930 62 895 3,651 150	52,503 589 5,789 4,591 122 918 5,731 676	
20 21 22 23	Pravara River Works—Ojhar Canal	4,045 284 	7,061 3,511 52	•••	•••	4,045 284 	7,061 3,511 52	11,106 3,795 52 2,079	
23 24 25 26 27 28 29 30	Shirsuphal do Bhádalvádi do Koregaon do Ashti do Páthri do Revari Canal Upper Mán River Works Yerla River Irrigation Works Chikhli Canal	1,687 1,192 807 5,209 1,143	2,079 3,493 1,351 9,875 891 4,982 3,692 11,273 1,317	ait	En	 1,687 1,192 807 5,203 1,143	2,079 3,493 1,351 9,875 891 4,982 3,692 11,273 1,317	2,019 3,493 1,351 11,562 2,083 5,789 3,692 16,476 2,460	
82 33 84 35	Maini Tank	3,018 12 	4,918		···•	3,018 12 	4, 918	7,936 12 	
36 87 38 39 40	Dámbal do. Medleri do. Madag do. Asundi do. Mavinkop do.	540 1,299 276	15 517 1,615 297	44		342 496 1,299 276	517 1,615 297	351 1,013 2,914 573	Exclusive of consolidat assessment. Do. do.
41	Gokák Csnal, 1st Section, and Storage Works	04.040	12,385			24,046	12,385	36,431	,
	Total, Minor Works	1,07,958	79,070	2,887	54	1,05,071	79,016	1,84,087	
	GRAND TOTAL	6,50,744	2,18,071	2,947	116	. 6,47,797	2,17,955	8,65,752	

I-F.

Statement showing Water-rates per acre in force during 1908-1909 on Irrigation Works in the Bombay Presidency, excluding Sind.

-		ii			WATER-R	ATES.			water.	rate.	advan-	
No	Name of Work.	Irrigation blocks.	Perennial.	Early eight months.	Rabi.	Late eight months.	Monsoon.	Hot weather.	Single ving.		Water a	Remarks.
1	2	3	4	5	6	7	8	9	10	11	2 13	14
	MAJOR WORKS. Protective Works.		Rs. (A. 30) (B. 16)	Rs. a. p.	Rs. a. p.	Rs. a.	Rs. a. p.	Rs. a. p.	Rs.			
1	Nira Canal * ••• ••• •••	10	C. 12 Pán gar- dens 30	500	3 0 0	18 (2 % 0	15 0 0	1			* Rates sanctioned for 5 years from 16th February 1906-vide Govern- ment Resolution No. A.1.—2915, dated 2nd December 1905.
Ę	Shetphal Tank *	8	16	400	2 8 0	15 6	1 8 0	12 0 0	1	- 1		
2	Mhasvad Tank † Productive Works,	•••	15	5 0 0	8 0	13 8	180	10 0 0	1			† Rates to remain in force up to 15th January 1911—vide Government Resolution No. A.I.—14, dated 5th January 1906.
6	Lower Pánihra River Works (B) (Within the Poona City and Suburban Municipal and Cantonment limits or within one mile of those	:::/	A. 50	400	2 0 0	8 (1 0 0	600	1			(B) In force for 5 years from 1st April 1906—ride Government Resolution No. A.1.—1022 of 4th April 1906.
9	Mutha Mutha Canals.* Imits. On all remaining land commanded by both the causls. Pán gardens wherever	***	A. 40 A. 30	5 0 0	3 0 0	18 (2 0 0	15 0 0	1	ter-rates.		
	situated throughout the canals. All lands commanded by both canals. Do. do.	100	B. 18 C. 12		///=		7/1/			d under water-rate	Nil.	
9.1	Mátoba Tank *	•••	A. 25 B. 12 C. 10 Pán gar- dens 30	500	3 0 0	18 0	2 0 0	15 0 0	1	As detailed		
10	MINOR WORKS AND NAVIGATION.	***	20	6 0 0	4 0 0	13 0	2 0 0	14 0 0	1			
17 18 19	Hartála Tank (B) Jámda Canals (B)	***	10 10 16	4 0 0 4 0 0 4 0 0	2 0 0 2 0 0 2 0 0	6 C	1 0 0 1 0 0 1 0 0	4 0 0 4 0 0 4 0 0	1			
20 21 23 24 25	Parsul Tank (B) Bhátodi Tank (F) Kásurdi Tank * Shirsuphal Tank * Bhádalvádi do. *	5 extra	(i) 10 (ii, 13 A, 15 15 15 15	(i) 6 0 0 :	(i) 4 0 0 (ii) 5 0 0 3 0 0 2 0 0 2 0 0 2 0 0	(i) 10 0 (ii) 13 (10 0 14 0 14 0 14 0	(i)1 0 0 ii) 2 0 0 2 0 0 1 0 0 1 0 0	(i) 6 0 0 (i+8 0 0	}1 }			(i) Ordinary land. (ii) Land formerly classed as irrigated. (F) In force from 16th October 1905 to 18th October 1919-ride Government Resolution No. A.I.—3064 of 19th December 1905.
26 27 28		ennial.	9 15 12	3 0 0 5 0 0 4 8 0	2 0 0 3 8 0 3 0 0	8 0 13 8 10 8	1 0 0 1 8 0 1 8 0	6 0 0 10 0 0 7 8 0	1 1 1			§ Rates sanctioned until 15th February 1911, vide Government Resolution No. A.I.—1662, dated 13th June 1908.

P. T. O.

Gul Hayat Institute

I-F-continued.

-										ī	1		1
		blocks.			WATER	-RATES.						ď	
No.	· Name of Work.	я.	Class I.	Class II.	Class III.	Class IIIA.	Class IV.	Class V.	watering.	's Rate.	Rake.	advantage	Remarks.
		Irrigation	Perennial.	Eight months.	Four months.	Superior rabi crops.	Monsoon dry.	Special bot weather.	Single w	Occupier's Rate.	Owner's Rate.	Water a	
1	2	3	4	5	6	7	8	9	10	11	13	f3	14
	MAJOR WORKS.					1_							
	Productive Works.		Rs.	Rs. a. p	Rs. a. p.	Rs. a.	Rs. a. p.	Rs. a. p.	Rs.				(A) Rates sanctioned in Government Resolution No. 1112, dated 12th
Б	Hathmati Canal (A)	***	10	3 0 0	2 0 0	,	100	600					July 1894. (C) In force till 31st March 1909-
	Pálkhed Canal	•••	12	600	4 0 0		100	600					vide Government Resolution No. A.I638 of 29th February
7	Kádva River Ojhár Tambat Canal.		12	600	400		1 0 0	600				ĺ	(D) In force to end of 31st March
	Wadali Canal	•••	12	6 0 0	4 0 0	***	1 0 0	600				·	1913 or until an improved supply of water is provided and to which-
8	Pravara River Works-Lakh Canal		8	400	2 0 0	•••	0 8 0	4 0 0					ever period may be the less vide Government Resolution No. A.I.—
Í	(D).												157 of 29th January 1909. 1 In force for 5 years from 1st April
11	Krishna Canal ‡	199	25	600	400	•••	180	8 0 0	Ì				Government Resolution No. A.I.—
													2570, dated 13th October 1904. For rice crop a rate of Rs. 4 is sanc-
	MINOR WORKS AND NAVIGATION.								1				tioned to be in force for 5 years from 1st August 1905—vide Government
18	Khári Cut (A)	***	14	7 0 0	500		1 0 0	6 0 0					Resolution No. A.I 2045, dated 7th August 1905.
16	Tranza-Nagramma Tank II	***	•••	2 0 0	2 0 0	***	*****						For rice crop a rate of Rs. 4 is sanctioned—vide Government Reso-
16	Wangroll Tank §	***	•••	2 0 0	2 0 0	"	******	*****	1	eg.			lution No. A.I.—1600 of 18th June 1906. Rates to be continued upto
							0000			water-rates.			Blst March 1910-vide Government Resolution No. AI2207, dated
16	Savli Tank*	***	•••	2 0 0	2 0 0	***	******	*****	1	vate			20th August 1908. For rice crop a rate of Rs. 4 is sanc-
90	Pravara River Works-Ojhár Canal	***	10	4 0 0	2 0 0	3 0	0 8 0	4 0 0			Nil.	=	tioned-vide Government Resolu- tion No. A.I215, dated 25th Jan-
	(E)									un	Z	Nii	uary 1909. The rates to be in force for two years from 1st June 1908.
29	Revári Canal :	•••	22	6 0 0	3 0 0		1 8 0	8 0 0		detailed under			(E) Sanctioned for a period of 5 years from 1st April 1905 to 31st March
80	Upper Man River Works	***	20	5 0 0	8 0 0	•••	1 8 0	8 0 0		9 det			1910—vide Government Resolution No. A.I.—1333 of 14th May 1904.
31	Yerla River Irrigation Works:		22	5 0 0	3 0 0	***	1 8 0	8 0 0		AB			§§ In force from 1st October 1908 for Government Resolution No.
83	Chikhli Canal!	***	22	5 0 0	3 0 0		1 8 0	8 0 0					A.I574, dated 1st March 1909, for a term of 5 years. Water is
83	Maini Tank‡		20	5 0 0	3 0 0		180	B 0 0					allowed free of charge for non- perennial crops for a further period
													of 5 years under the above Govern- ment Resolution from the same
34	Muchkundi Tank §§	148	8	4 0 0	******	***	402443	,					date. (1) and (2) In force from 1st April
38	Gadikeri do	***	•••	******		7	*****	*****					1905 to 31st March 1910—vide Government Resolution No. A.I.—2870, dated 25th November 1904.
36	Dambal do. (1)	***	14	{a 5 0 0 0 b 7 0 0	c2 8 0 d3 0 0	}	e1 0 0	f 6 0 0					a From 15th June to 18th February.
27	Medleri do. (2)		14	ja 5 0 0	c3 0 0	}	e180	f600					b , 15th October to 15th June or 1st August to 31st March.
٠,		***		16 7 0 0	d3 0 0	1							c ,, 15th June to 15th October or 15th July to 30th Novem-
9 8	Madag do. (1)		10	{a 5 0 0 0 b 7 0 0	62 8 0 63 0 0 d3 0 0	}	¢1 0 0	f 6 0 0					d , 15th October to 15th February.
													e 15th June to 15th October. f , 15th February to 15th June.
89	Asundi do. (2) ••• •••	***	14	{a 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	{c3 0 0 {d3 0 ●	}	e 1 0 0	f600		ļ	İ		March 1910—vide Government Re-
40	Mávinkop	***		*****		***	*****	****					solution No. A.I.—3024, dated 15th December 1904.
				((a) 7 A A	(0) 2 0 0	1							(a) From 15th June to 15th February. (b) , 15th October to 15th June.
41	Gokák Canal, 1st Section, and Storage Works (**).		22	$\begin{cases} (a) & 7 & 0 & 0 \\ (b) & 20 & 0 & 0 \end{cases}$	(a) 2 0 0 (d) 5 0 0	}	200	15 0 0					(c) , 15th June to 15th October. (d) , 15th October to 15th Feb
					l	Lil.	l II l	- A		4			ruary.

Note.—1—For lift irrigation half the ordinary rates are charged.
2—bouble the ordinary rates are charged as penal rates for taking water without permission.
3—Leakage or percolation rates are the same as ordinary rates.

STATEMENT G.

Statement showing Areas and Water-rate Assessments during 1908-1909, according to the system of classification adopted in fixing the Scale of Water-rates.

No.	Name of Works.	IERIGATION BLOCKS,		88 I.— Innial.	CLASS 8 Mor			III.—	CLA III A SUPE RABI (L.— RIOR		IV.— soon by.	SPEC	or	Misc NEC	BLLA-	GRAND	Total.
		Acres.	ed Revenue.	Assess- ment.	Arens.	Assess- ment.	Areas.	Assess- ment.	Атевв.	Assess- ment.	Areas.	Assess- ment.	Areas.	Assess- ment.	Areas.	Assess- ment.	Areas.	A seess-
	MAJOR WORKS. Protective Works,	Acres.	Rs. Acres	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Ra.	Acres.	Rs.	Acres.	Rs.	Acres.	Re.
1 2	Nira Canal including Shetphal Mbasvad Tank		6,625 1,410	34,130 2,686	4,745 2,302	23,816 12,795	14,468 6,955	61,388 27,505		•••	7,362 782	14,640 1,424	24 23	333 221	102 44	1,194 131	45,999 10,285	3,12,126 44,765
	Total	17,888 1,76	6,625 1,589	36,816	7,047	36,611	21,423	88,893			8,144	16,064	47	557	146	1,325	56,284	3,56,891
	Average rate		9.87	23.17		5.50		4.12				1.97		11.85		9.08		6:34
5 C	Productive Works. Hethmati Canal		Fractio 322	3,979 688 30	2,251 144 957 284 220 19	6,744 578 5,771 1,825 1,328 74	6,085 31 996 202 254 379	11,820 62 4,017 865 1,027 756		**** *** ***	6 183 5 66 18 847	8 183 73 74 21 441	₂	 150 11 	24 2 	2	8,375 359 2,341 616 447 1,254	18,666 827 13,992 3,452 2,417 1,331
9	Mutha limits			1,35,424	557	2,234	1,923	5,93 3			2 ,963	5,563	127	1,309	58	182	11,740	2,00,543
10 11	Carals All lands commanded by both-canals Do, do	010 010 000	72 33 37 638 1,171	9,731 3,535 5,885	1,725 3,300	11,417 18,584	2,0 76 338	8,759 1,278	***		558	1,125	80 371	2,135 698	42 10	307 26	5,11 6 5,190	35,025 46,187
	Total Average rate		8,33%	2,27,036 27·23	9,457	48,555	12,284	34,517 2·81		·	4,696	7,488	601	4,303 7·16	131	541 4·13	35,507	3,22,440 9·08
	MINOR WORKS AND NAVIGATION.		26															
12 13 14 15 16 17 19 20 21 22 23 24 25 26 27 28 29 31 32 33 33 35 36 37 38 39 40 39 40 40 40 40 40 40 40 40 40 40 40 40 40	Khári Cut Tranja. Nagramma Tanks Wangroli Tank	597 1	70 200 33 31 31 31 31 31 31 31 31 31 31 31 31	267 213 267 267 267 267 267 267 267 267 267 267	7,611 174 957 870 1 5 75 18 28 208 147 309 469 58 1,079 273 295 14 72 56	50,048 461 3,819 290 	647 617 777 513 24 439 1,642 52 52 997 11,037 19 52 2,1103 297 945 1,121 2,518 1,121 2,518 1,140 2,518 1,140 2,518 1,518	2,086 122 1,597 978 56 882 3,230 3,220 52 1,766 1,883 680 8,059 767 2,961 3,366 4,55 3,436 	1,521	4,550	544 (187) 18 11 16 10 10 10 10 10 10 10 10 10 10 10 10 10	36 18 16 1,159 .468 2,204 36 1,682 1	11 3 4 3 3	14 48	205	205	8,525 242 1,921 1,401 460 2,825 524 8,105 1,212 19 839 1,578 494 2,960 620 1,476 1,184 453 1,605 453 1,605 2 	52,503 589 5,790 4,639 12:2 917 5,731 676 11,100 3,795 2,079 3,498 1,361 11,562 2,063 6,789 3,369 12 357 1,013 2,915 5,731
41	Gokák Canal, 1st Section, and Storage Works Total	597	36 1,492 1,26		1,261	9,486 83,393	5,049	17,291 65,652	1,521	4,550	1,328	2,671 9,012	2 52	32 343	11	11 1,105	8,015 49,796	36,431
	Average rate		2 '50	14.68		5.85		2-91		2.99		1.10		6:59		0.81		3.69
	Grand Total	18,485 1,7	78,117	2,82,416	30,739	1,68,559	56,294	1,89,062	1,521	4,550	21,019	32,564	700	5,203	1,636	2,971	† 1,41,587	8,63,472
<u>/_</u>	Average rate Note.—The difference between the figt		9-84	25-24		5·49		3.35		2.99		1.54	Ì	7.43		1.81		6.09

Note.—The difference between the figures of total areas and assessments in this statement and those in Statements I—E to IV—E is due to difference in treatment of fractions in some cases, and in others to the fact that the figures in this statement are more or less hypothetical and are arrived at on the assumption that certain areas are as assessed at certain area.

* New irrigation.

† Exclusive of 1,807 acres of Mamul Bágáyat area on Lower Pánjhra River Works, but inclusive of 466 acres on account of the area of irrigation in blocks on Nira Canal, including Shetphal Tank.

‡ Exclusive of Rs. 8,868 on account of enhanced water-rates on old works of the Lower Pánjhra River Works.

STATEMENT

Statement showing Operations of the year 1908-1909,

No.	Names of Works.	Amount of Estimate,		L OUTLAY, ND INDIRECT.		T OF (AS UTED).		UNDER
Mo	Names of Works.	Direct and Indirect.	During 1908-1909.	To end of 1908-1909.	Canal.	Distri- butaries.	Gross.	Irrigable at present.
	MAJOR WORKS. Protective Works.	Rs.	Rs.	Rs.	Miles.	Miles.	Acres.	Acres.
1	Nira Canal including Shetphal	* 89,49,307			(100·25	100 >		
2	Tank	* 8,06,034 *27,84,496	4,649	64,33,878 20,96,016	66.25	139 }	(1)299,447 129,045	117,480 24,800
	Total	1,25,39,837	4,649	85,29,894	173.04	180-50	428,492	142,280
	Productive Works.							
5	Hathmati Canal	* 7,62,392		5,17,838	21	30	44,744	8,000
6	Lower Panjhra River Works	* 7,04,681	14.100	4,68,621	***	. 45	13,117	12,627
7	Kadva River Palkhed Canal	4 ,66,402	14,186	6,79,792 2,87,443	ïi	14:36	28,832	9,837
	Works Ojhar Támbat Canal Wadali Canal	* 17,785 * 63,461		7,833 30,645	4·50 8·62	•••	8,055 3,486	2,367 2,433
8	Pravara River Works-Lakh Canal	* 7,60,764		3,71,891	23	9.37	29,913	11,280
8	Mutha Canals including Motaba Tank	* 1,23,73,762 * 2,10,500	1,44,864	75,38,034	88	67	(2)104,787	16,800 3,250
10 14	Ekruk Tank Krishna Canal	* 21,35,580 * 16,60,896		13,40,386 8,66,627	48 63·87	1.68	17,152 28,327	16,941 12,320
	Total	1,98,57,953	1,60,857	1,21,09,115	267.99	184-41	278,413	95,855
	(P)							
	Total, Major Works	3,23,97,790	1,65, <mark>506</mark>	2,06,39,009	441.03	364-91	706,905	238,135
1	MINOR WORKS AND NAVIGATION.							
15	Khári Cut	2,07,384	-39,459	5,82,230	24	12	17,300	7,000
16 17	Wangroli Tank	2,4 2, 97 3	10,055	2,38,987	8	•••	2,500	2,000
18	Savli Tank	3,12,734 2,49,222	7,720 42,799	2,77,387 2,39,946	7:50 8	•••	2,388 4,700	1,200 3,000
19 20	Hartála Tank	75,040	***	73,382 1,38,956	•••	5·50 7	584 4,647	415 1,700
21	Jámda Canals	1,40,015 10,88,640	***	10,41,089	39	75	46,288	5,000
22 23	Parsul Tank Pravara River Works-Ojhar Canal	2,23,612	•••	2,14,995 3,47,550	19	4·75 21	3,337 23,724	1,000 14,763
24	Bhátodi Tank	3,48,211 3,78,278	•••	3,79,707	4.20	5.20	15,126	12,124
	K4surdi do Shirsuphal do	45,590 2,22,282		45,590 2,24,568	110	1·75 12·50	597 4, 500	1,800
37	Bhádalvádi do	2,28,724	+ :::	2,27,422	1#1	9.75	3,000	2,000
	Koregaon do Ashti do	42,049 8,34,927	JU" I	39,189 8,36,091	3·75 27·50	2	Not known, 17,882	1,050 11,780
	Pathri do	6,72,856	10,123	5,87,380	3	•…	Not known.	1,953
32	Revári Canal Upper Man River Works	59,448 4,44 ,531	·••	59,811 4,3 9,286	10·25 17·50	6.50	3,813 8,443	1,920 2,080
33	Yerla River Irrigation Works	7,45,314	51	7,64,870	33:33	4.00	11,234	5,480 1,478
85	Maini Tank	57,41 5 3,90,492	•••	57,442 4,87,650	6·50 9·25	7.58	1,871 4, 876	4,625
	Muchkundi do	1,68,420		1,58,707	5.20	2 • 25	5,570	750
1	Godikari da	17,531	···	16,918	•••	Irrigation	687	417¶
1	Dambal do	64,906	·•• ···	63,980	•••	channel.	3,000	1,000
40	Modlant do	81,705		81,392	i	5.64	1,916	600
41	Madag do Asundi do	2,49,407 80,485	***	1,67,598 74,995	9	4.86	2,851 1,800	1,345 1,011
43	Maviakop do	34,384	•••	33,504	•••	2 ·68	872	617
44	Gokák Canal 1st section and Storage works	15,40,882	•••	13,57,854	16.13	35.43	18,668	17,627
1	Total	92,47,457	31,289	92,58,476	251.71	228.96	212,174	417¶ 105,468
	GRAND TOTAL	4,16,45,247	1,96,795	2,98,97,485	692 ·74	593-87	919,079	417¶ 3,43,603

A. The Tank frequently ran dry hence

H.

in the Bombay Presidency, excluding Sind.

	Discharge of Canal at head,	A :	REA.	Amount	Realiza-	Working	Net	Pamanho
Rainfall.	cubic feet per second.	Applied for.	Irrigated.	of gross Assessment.	tions.	Expenses.	Revenue.	Remarks.
Inches.		Acres.	Acres.	Rs.	Rs.	Rs.	Rs.	
18*20 18*88 18*27	247 12 51-61	44, 500 3,175 17,189	42,728 2,805 10,285	3,22,569 45,637	2,94,693 24,628	92,962 16,191	2,01,731 8,437	*Includes interest charges. (1) Includes 25,000 acres commanded by the Shetphal Tank.
***		64,864	55,818	3,68,206	3,19,321	1,09,153	2,10,168	(2) Includes 10,700 acres commended by Matoba Tank.
39·96 8·97	64 4·29	6,405 †334	8,375 ‡2,165	19,634 13,380 29	17,563 12,129 29	11,747 6, 6 26 2,129	5,816 5,503 —2,100	+ Application for dry crop land only. ‡ Includes Kayem Bag- ayat land.
11.48 10.14 9.83 14.98 (22.89	22:23 2:43 4:61 18:89 150:27	2,214 684 779 810 9,575	2,361 616 497 1,254 10,229	15,245 3,492 2,436 1,740 3,45,830	13,719 2,321 2,262 1,920 3,66,170	5,895 1,094 1,702 6,936 1,18,704	7,824 1,227 560 -5,016 2,47,466	
20·58 26·12	4·71 26•38 45·80	1,184 5,541 4 ,360	1,511 5,116 5,190	61,212 48,263	39,375 47,588	11,864 11,590	27,511 35,998	
***	*****	31,886	37,314	5,11,261	5,03,076	1,78,287	3,24,789	
***	*****	96,750	93,132	8,79,467	8,22,397	2,87,440	5,34,957	
32-47 37-68 33-19 32-73 25-57 22-01 18-73 7-68 21-48 17-54 13-60 12-00 24-70 21-96 21-20 28-36 25-45 14-27 24-82 21-74	56 58 9 11 0·10 2·23 21·96 1·10 36·19 2·58 1·42 1·86 1·03 8·41 1·33 4·05 1·89 1·89 1·89 1·89 1·89	7,316 1,831 235 1,151 50 352 2,459 416 14,564 1,454 112 722 1,581 540 3,060 7,65 1,389 936 3,449 498 1,380 2	8,525 1,921 242 1,401 46 460 2,825 524 8,105 1,212 19 839 1,578 494 2,960 620 1,476 1,184 3,865 453 1,609 2 \$ 377	6,936 1,061 4,713 529 1,769 7,462 932 11,902 6,112 207 2,486 3,703 1,408 11,967 2,151 5,956	70,492 8,391 2,100 2,469 508 2,693 10,043 3,760 15,209 6,139 410 2,511 1,255 836 11,897 704 4,533 5,196 18 273 2,191 8,096 392	17,878 3,236 5,039 1,093 248 1,103 7,109 1,274 9,236 4,247 641 2,366 2,466 1,909 4,791 997 1,798 3,814 6,589 2,067 3,315 254	52,614 5,155 -2,939 1,376 260 1,595 2,934 2,934 2,486 5,973 1,892 -231 145 -1,211 -1,073 7,106 -2,93 2,735 1,352 11,684 124 4,781 138 	§ Consolidated assessmen levied on 337 acres only
5'30 17'02	1.55 1.19 4.13	A. 4.54 199 922	{ 231 {¶ 144 167 895	} 1,437 1,013 3,092	1,394 669 2,635	1,00 2 1,024 2,2×6	392 -355 349	Wares assessed at consolidated rates.
10°89 No gauge. 17°91	•67 ••••• 34·32	6,288	128 ¶ 185 ¶ 559 8,015	1,256 2,203 52,454	1,196 2,203 56,661	944 294 14,391	1,909 42,270	
•••		52,121	49,796 11,265		2,44,932	1,01,983	1.42,949	The whole area unde
•••	102100	1,48,871	142,928 1,265	10,99,014	10,67,329	3,89,423	6,77,906	consolidated assessmen with the exception of 40 acres irrigated by the Gadikeri Tank.

a large decrease in the area irrigated.

в 748—10

STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, SIND,

FOR THE YEAR 1908-1909.

Gul Hayat Institute

Statement of Canals in the Indus

		•	Major Work	.S.
		Begari Can	als District.	
	Desert Canal.	Unharwah.	Begári Canal.	Total.
1	2	3	4	5
		Wahur Dhand ex	Wadhu Dhand	
Source of supply of water	River Indus.	River Indus.	River Indus.	
Minimum discharge of river, c. ft. per second. Maximum discharge of Canal,, Average annual rainfall Inches.	6,619 3.68	2,592 3.03	6,010 3·10	•••
Gross area commanded Acres. Culturable area commanded , Area irrigable by complete project ,	388,985 388,985 129,660 129,660	246,970 214,056 56,000 56,000	751,680 680,521 186,500 186,500	1,387,685 1,283,562 372,160 372,160
7-111/1-1			100,000	012,100
Sanctioned Estimate. Direct charges Rs.	26,22,235	6, 93,637	21,54,480	54, 70, 3 52
Indirect charges ,, Interest during construction ,,	79,021 18,58,473	21,178 4,83,108	91,120 23,24,286	1,91,319 46,65,867
Total Estimate	45,59,729	11,97,923	45,69,886	1,03,27,538
Expenditure to end of 1908-1909.				
Direct charges Rs. Indirect charges ,, Interest during construction ,,	26,22,2 35 79,021 18,58,473	6,80,640 18,596 4,88,108	20,54,323 58,912 23,24,286	58,57,198 1,56,529 46,65,867
Total Expenditure	45,59,729	11,82,344	44,37,521	1,01,79,594
Works as now sanctioned.				
Main Canals Irrigation Miles. Branch Canals ,, Distributaries ,,	75 197 58	S 1 36 77 4	UT 76	187 392 62
Of the above—				
Navigable Canals Miles.	4	•••	58	62
Works completed at end of 1908-1909.				
Main Canals Irrigation Branch Canals Distributaries ,,	75 197 58	36 77 4	76 118 	187 892 62
Of the above—				·
Navigable Canals Miles.	4	•••	58	62

I-A.
Right Bank Division for 1908-1909.

		KS FOR WHICH E ACCOUNTS A			EKS FOR WHICH ONLY REVENUE				
Shikarpur Canals Dis- trict.	Ghár Canals	District.	Karáchi Canals District.	Shikarpur Canals District,	Western Nara District.	Karáchi Canals District.			
Mahiwah.	Sukkur Canal.	Ghár Canal.	Sattah Canal.	Other Canals.	Other Canals.	Other Canals.			
6	7	8	9	10	11	12			
Gudu Dhand				Dhands	Dhands				
<i>ex</i> River Indus.	River Indus.	River Indus.	River Indus.	ex River Indus.	ex River Indus.	River Indus.			
2,895 3·46 200,251 120,594 65,950 6 5 ,950	2,889 1-71 246,713 162,118 90,000 90,000	8,496 0·67 505,649 395,944 250,000 250,000	945 24·50 41,529 21,430 21,430 17,713	3·46 477,924 401,764 244,995 244,995	8·40 990,586 715,718 405,311 397,636	17.55 6,158,771 1,799,083 1,295,923 255,050			
9,36,837 1,29,503 3,16,495	13,64,754 61,496	5,41, 696 30,690	1,76,907 8,370			******			
13,82,835	14,26,250	5,72,386	1,85,277		•••.	•••			
13,21,850 57,302 3,16,495	13,64,754 61,496	5,41,696 30,690	1,73,688 4, 4 54	***	•••	•••••			
16,95,647	14,26,250	5,72,386	1,78,142	•••		•••			
29 170 87	74 56	67 230	ya16	192 90 	348 317 9	1 te 487			
•••	•••••	103	6	•••	261	159			
29 170 87	74 56	67 230	31 6	192 90	348 317 9	487 477			
	•••••	103	6	•••	261	159			

STATEMENT

Statement of Canals in the Indus

Expenditure t	Rive Can	al	 C. feet	···	•••	Jámráo Canal District. Jámráo Canal. 2 Eastern	North Dád Canal.	ern Hyderaba District. Nasrat Canal.	d Canals Total.	Nára Supply Channel.	Eastern Nára.	Mithráo Canal.	Eastern No	l
Minimum discharge of Maximum discharge of Average annual rainfall Gross area commanded Culturable area comman Area irrigable annually Area irrigable at present Sanction Direct charges	Rive Can	r	,			Canal.		Canal.	Total.	Nára Supply Channel.	Eastern Nára.		Thar Canal.	Khipra
Minimum discharge of Maximum discharge of Average annual rainfall Gross area commanded Culturable area comman Area irrigable annually Area irrigable at presen Sanction Direct charges	Rive Can	r	,	···; per s			3		1	1	i			, canad.
Minimum discharge of Maximum discharge of Average annual rainfall Gross area commanded Culturable area comman Area irrigable annually Area irrigable at presen Sanction Direct charges	Rive Can	al	,	per s		Factory	1	4	5	6	7	8	9	10
Maximum discharge of Average annual rainfall Gross area commanded Culturable area comman Area irrigable annually Area irrigable at present Sanction Direct charges	Can i ded by c	al	,	per s	econd	Nára.	Indus.	Indus.		Indus.	Nara Supply Channel.	Eastern Nára.	Eastern Nára.	Eastern Nára.
Average annual rainfall Gross area commanded Culturable area comman Area irrigable annually Area irrigable at presen Sanction Direct charges	ided by c	 			. vooiid	*****	26,000	26,000	•••	26,000	•••		***	
Gross area commanded Culturable area comman Area irrigable annually Area irrigable at presen Sanction Direct charges Indirect charges Interest during constructions Expenditure to	ided by c		***		"	3,224	4,409	2,071	•••	17,267	•••	2,900	1,400	•••
Culturable area command Area irrigable annually Area irrigable at present Sanction Direct charges Indirect charges Interest during constructions of the Expenditure to the same of the	by c			I	nches.	4.76	6.35	1.72	•••		17.27	12.44		17:34
Area irrigable annually Area irrigable at presen Sanction Direct charges Indirect charges Interest during constru	by c			•••	Acres.	870,850	630,100	383,700	1,013,800	12,120	303,400	450,000	162 000	
Sanction Sanction Direct charges		• • •	•••		,,	776,281	336,000	319,000	655,000	6,070	275,500	400,100	162,000	47,900
Sanction Direct charges Indirect charges Interest during constru	t	omple	ete pro	ject .	,,	300,000	145,400	104,100	249,500	4,340		143,500	144,800	45,000
Direct charges Indirect charges Interest during constru		•••	***		33	253,600	145,400	104,100	249,500	2,040		132,000	50,000	8,000
Direct charges Indirect charges Interest during constru								201,100	210,000		20,200	132,000	50,000	8,000
Indirect charges Interest during constru Expenditure to	ed E	stim a	te.			·**(1/1		_33						
Interest during constru		•••	***	***	Rs.	77,26,671	26,27,406	18,05,889	44,33,295	•••	***	•••	•	***
Expenditure t		***	***	•••	22	2,47,891	1,05,335	70,224	1,75,559	•••	***	•••		***
Expenditure to	ction	***	***		27	3,23,559	***			•••	***	•••	••• '	•••
	Tota	l, Est	imate	***	Rs.	82,9 <mark>8,1</mark> 21	27,32,741	18 <mark>,76,</mark> 113	46,08,854			•••	***	•••
	o end	of 19	08-190	9.										
Direct charges					Rs.	79,33,813	22,58,265	18,10,800	40,69,065					
Indirect charges		•••	•••	•••	93	2,28,394	85,832	55,104	1,40,936	•••	•••	•••	•••	•••
Interest during construc	tion	•••	***	••1	,	33,04,590	7,39,390		11,57,585	•••	•••	•••	•••	•••
							7,00,000	4,10,100	11,07,565		•••	•••	•••	•••
Tot	al, E	xpend	litu re	•••	Rs.	1,14,66,797	30,83,487	22,84,099	53,67,586	•••		•••		•••
Works as n	010 80	nctio	ned.											
Main Canals Irrigation	-4	. 		3	liles.	117	96	94	100	أأمعا	000		-	ļ.
Branch Canals	T			•••	,,	63	251	95	190 346	12	320	93	24	15
Distributaries	J		F. II.		>>	409	44	87	131	ULU	WI I	503	48	***
Of above—													•••	***
Navigable Canals	•	••	•••	3	Iiles.		•••	•••	• • •	12	320	93		:
Works completed	at ei	id of	190 8- 1	909.				-			 -			
Main Canals Irrigation		••	•••	A	Tiles.	117	95	92	187	10	320*	00		_
Branch Canals		••	•••	•••	23	63	250	84	334	12		93	24	15
Distributaries	•	••	•••	•••	,,	409	250	119	144	•••	•••	50½	48	•••
of above—					-								•••	>
Navigable Canals				M					1					

Practically a River.

I-A-continued.

Left Bank Division for 1908-1909.

			Mı	NOB WORKS FO	OR WHICH CAF	ITAL AND REV	ENUR ACCOU	NTS ARE KEPT	•	Works for wi Accou	HICH ONLY REV	ENUE
			Centra	l Hyderabad C	anals Distric	t.	Ful	eli Canals Dis	triet.	Northern Hyderabad Canals District.	Central Hyderabad Canals District.	Fulell Canals District
Heran Canal	Hiral Canal.	Total.	Alibhar Kacheri.	Great Márak.	Surfraz.	Total.	Fuleli Canal.	Hassanali Canal.	Total.	Total.	Total.	Total.
11	12	13	14	15	16	17	18	19	20	21	22	23
astern	Eastern		Indus.	Indus.	Indus.		Indus,	Indus.		Indus.	Indus.	Indus.
Nára.	Nára.		26,000	26,000	26,000		26,000	26,000	•••	26,000	26,000	26, 000
•••	•••	•••					10,000	1,000	•••			•••
	•••	***	601	1,717	3,970			19.15	•••	3.82	5.27	19.32
10.60	16.23	•••	7.65	8.81	18•03	•••	18.52		1,847,000	700,000	930,000	147,800
11,000	46,000	1,032,420	75,500	240,000	165,000	480,500	1,703,000	144,000				
9,000	38,300	918,770	51,900	2,38,600	139,400	429,900	1,437,500	84,000	1,521,500	313,000	800,000	95,900
3,000	15,700	315,440	14,000	65,000	35,000	114,000	400,000	30,000	430,000		175,000	35,000
3,000	20,000	271,400	14,000	65,000	35,000	114,000	400,000	30,000	430,000	111,800	175,000	35,000
					110 550	3,56,957	21,12,600	2,36,595	23,49,195			***
•••	•••	65,59,846	28,020	2,10,378	1,18,559							
***		2,27,045	887	8,417	6,121	15,425	68,360					
•••	•••	•••			110		1////	8,834	8,834		***	-
	•••	67,86,891	28,907	2,18,795	1,24,680	3,72,382	21,80,960	2,61,435	24,42,395			
***		65,21,576	23,207	2,07,436	1,18,559	3,49,202	19,13,446	2,77,191	21,90,637	7	***	10.
•••		2,26,804	710	8,310	6,121	15,141	71,215	13,336	84,55	1	•••	•••
•••	•••	81,18,012			•••	•••			•••			
		1,48,66,392	23,917	2,15,746	1,24,680	3,64,343	19,84,66	2,90,527	22,75,18	8		
	-		1 0-		90	129	9:	8 38	5 13	3 11	7 148	3 6
3)	24	80			CIT	4.4-1.			1 7
•••	22	1201	33	149	31	213	3	ししご しゃ		4		.;•
•••								5	· :			
•••		425	22	22	30	74	32	6 4	36		10	5
•	3 1	9 486	25	24	80	129	9	8 3	5 13	33 11	7 14	8
	2			1	1		}	89 4	6 98	35 14	19 44	1
•••			•••		•••			1	9	4		•••
	_				90	74	20	26	0 30	36	10	5
***	***	42	5 22	22	30	74	· 5.	-0	- ! "			

STATEMENT

Capital Account of Irrigation Works

							I	bring Ye	IAB.			
						Direct	Charges.			Iı	ndirect Charg	ges.
Name of W	ork.			Works.	Estab- lish- ment.	Tools and Plant.	Total.	Deduct Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total,
1				2	3	4	5	6	7	8	9	10
MAJOR WO				Rs.	Rs.	Rs.	Rs.	Rs	Rs.	Rs.	Rs.	Rs.
1. Desert Canal	WORE	100	***	***	101		***	•••		•••		•••
2. Unharwáh	•••	***	•••	17,151	3,944		21,095	•••	21,095	•••	552	55
8. Begári Canal	***		***	1,07,337	20,050	312 (a)-1,957	1,25,742		1,25,742	•••	2,807	2,80
4. Mahiwah	***		***		//	400	400	***	400	11	•••	1
5. Eastern Nára Works	***	100	Pps	14,610	21,004	1,472	37,0 86	•,,	37,086	***	2,941	2, 94
6. Jámráo Canal	109	***	***	35 ,285	16,230	1,059	52,574	***	52,574	***	2,272	2,27
7. Dád do	140	***	***	11,350	4,057	30	15,437	P04 .	15,437	180	568	74
8. Nasrat do	100	***	•••	-257	5,805	362	5,910	904	5,910	8,777	813	4,59
9. Naulákhi do	***	***	900	100			***	.,,	***	•••	•••	•••
		Total	>=0	1,85,476	71,090	3,635 } -1,957 }	2,58,244	•••	2,5 8,244	3,968	9,953	13,95
MINOR WORKS AND	NAV	IGATI C	n.									
). Sukkur Canal	•••	•••	•••	•••	•••		•••	***	***	•••	***	•••
. Ghar do. •,•	***	•••	•••	***	•••	•••	***		•••	•••		
2. Sattah do.	. "	1	•••	1,449	\mathbf{v}	art	1,449	121	1,449	rt	e	474
3. Alibhar Kacheri Cana	1 .,,	- <u></u>	•••	- II-	-J. '	***	***	-21		100 Mari		•••
. Márak Grest Canal	•••	,•••	•••	***	***	•••	***		•••	***	•••	•••
, Surfraswáh	***	400	٠,٠	•••	100	***	***	100	100	***	•••	•••
Fuleli Canal	***	***	***	•••	•••	•••	***	•••	***	***	***	•••
. Hassanali Canal	مبره	••	•••	9,171	2,109	187	11,417	•••	11,417	•••	295	29
		Total	•	10,620	2,109	137	12,866	•••	12,866		295	25
G	BAND	Total		1,96,098	78,199	3,772 } -1,957 }	2,71,110	• • •	2,71,110	3,968	110,248	14,2

I—B.

in Sind for and to end of 1908-1909.

				To En	D OF YEA	.R.				
			Direct Cl	narges.			In	direct Charg	es.	
Grand Total.	Works.	Establish- ment.	Tools and Plant.	Total.	Deduct Reccipts on Capital Account.	Total,	Capitali- zation.	Leave and Pension Allow- ances.	Total.	Grand Total,
11	12	13	14	15	16	17	18	19	20 -	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	21,16,722	4,79,840	25,710	26,22,272	37	26,22,235	2,121	76,900	79,021	27,01,256
21,647	5,59,299	1,18,876	2,465	6,80,640		6,80,640	1,953	16,643	18,596	6,99,236
1,28,549	17,42,986	3,04,840	6,533 (a) -17	20,54,342	19	20,54,323	5,195	53,717	58 ,912	21,13,235
411	10,79,118	2,33,238	9,500	13,21,856	6	13,21,850	21,649	32,653	57,302	13,79,152
40,027	51,66,777	12,8 <mark>7,014</mark>	67,961	65,21,752	176	65,21,576	2,669	2,24,135	2,26,804	67,48,380
54,846	64,12,872	18,48,442	1,68,874 (a) 4,606	79,34,794	981	79,33,813	39,613	1,88,781	2,28,394	81,62,207
16,185	19,17,833	3,24,316	16,150	22,58,299	34	22,58,265	40,428	45,404	85,832	23,44,097
10,500	15,68,481	2 ,3 <mark>6,5</mark> 69	_{3.} 5,908	18,10,958	158	18,10,800	21,985	33,119	55,104	18,65,904
•••	4,876	236		5,112	149	5,112	-	33	33	5,145
2,73,165	2,05,68,964	43,33,371	3,03,101 4,589 }	2,52,10,025	1,411	2,52,08,614	1,38,613	6,71,385	8,09,9\$8	2,60,18,612
	11,39,526	2,11,468	13,920	13,64,914	160	13,64,754	20,466	41,030	61,496	14,26,250
•••	4, 41,495	97,299	2,902	5,41,696	•••	5,41,696	12,536	18,154	3 0,690	5,72,386
1 ,4 49	1,39,793	31,819	2,076	1,73,688	•••	1,73,68 8	•••	4,454	4,454	1,78,149
•…	19,636	3,548	23	. 23,207	710	23,207	n erf	710	710	23,917
100	1,70,629	35,275	1,612	2,07,516	80	2,07,436	1,409	6,901	8,310	2,15,746
***	1, 03, 43 2	15,097	30	1,18,559	100	1,18,559	3,1 02	3,019	6,121	1,24,680
•••	15,67,091	3,38,105	8,754	19,13,950	504	19,13,44 6	14,412	56,803	71,215	19,84,661
11,712	2 ,23, 4 32	48,509	5,250	2,77,191	***	2,77,191	6,545	6,791	13,356	2,90,527
13,161	\$ 8,05,03 4	7,81,120	34,567	46,20,721	744	46,19,977	58,470	1,37,862	1,96,332	48,16,309
2,85,326	2,43,73,998	51,14,491	3,37,668 } 4,589 }	2,98,30,746	2,155	2,98,28,591	1,97,083	8,09,247	10,06,330	3,08,34,921

V. C. FRENCH, Examiner, Public Works Accounts, Bombay.

STATEMENT

Statement showing the Financial Results of Irrigation

Realizations under main heads of

					Revenu	в (Асти	AL RECEI	PT8).							
			Irrigation	le .										Revenue	Manage
	Direct.	}	Indirect.]		}						Es	tablishn	ient.
Works.	Water- rates directly paid.	Share of Land Revenue.	4 per cent. on 1% the oi proceeds from sale of oecopancy rights in waste or other lands up to end of year.	Total.	Total.	Planta- tion.	Mis- cellane- ous.	Total.	Less — Refunds of Re- venue.	Gross Revenue less Refunds.	Deduct- Share due to old Irriga- tion.	Total, Revenue due to Improve- ment.	D'rection.	Execu- tive.	Civil Officers.
1	2	3	4	Б	6	7	8	9	10	11	12	13	14	15	16
MAJOR WORKS. Productive Public Works.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. Desert Canal	65,188	2,84,106	1,682	2,85,738	3,50,976	81	1,488	3,52,543	2,733	3,49,805		3,49,805		•••	19,282
2. Unharwáh	871	1,86,198	2,707	1,88,905	1,89,776	57	997	1,90,830	•••	1,90,830		1,90,830			11,275
3. Begári Canal	42,649	6,10,056	8,371	6,18,427	6,61,076	32	1,541	6,62,649	133	6,62,516	33,613	6,23,903			40,143
4. Mahiwah	921	2,38,988	2,676	2,41,684	2,42,585	***	3,035	2,45,(20	***	2,45,620	1,10,497	1,35,123		•••	16,688
5. Eastern Næra Works.	764	5,50,674	2,346	5,93,020	5,93,784	1,108	29,782	6,24,674	•••	6,24,674	3,444	6,21,220		***	36,147
6. Jámráo Canal	4,187	4,35,574	36,885	4,72,459	4,76,616	158	11,756	4,88,560		4,88,560	944	4,88,560		42,339	13,435
7. Dád do	2,030	2,58,694	5,798	2,59,492	2,61,522	470	2,497	2,64,489		2,64,489	83,913	1,80,576			18,360
8. Nasrat do	60	2,98,255	7,408	3,05,663	3,05,723	170	800	3,06,693	•••	3,06,693	72,854	2,33,839			18,777
9. Naulákhí do		***	n.			•••	•••			•••	•••				
Total	1,16,670	23,97,545	67,873	29,65,418	30,82,088	2,076	51,894	31,36,059	2,871	31,33,187	3,04,321	28,28,866		4 2, 33 9	1,74,107
MINOR WORKS AND NAVIGATION.				- 3											
10. Sukkur Canal	203	2,76,362	772	2,77,134	2,78,037	168	3,116	2,81,321	•••	2,81,321	84,806	1,98,515		}	20,088
11. Ghár do	4,378	8,21,161	7,256	8,28,417	8,32,795	272	8,326	9,41,393		8,41,393	1,35,512	7,05,831			55,162
12. Sattah do,	37	23,486	394	23,880	23,917		1	23,918	***	23,918	16,145	7,773			1,568
13. Alibhar Kacheri Canal	391	23,829	£ 35	21,664	25,055		114	25,169		2 5,169	17,505	7,664			2,154
14. Márak Great Canal	2,716	1,52,651	2,986	1,55 637	1,58,353	•••	1,271	1,59,624	•••	1,59,624	59,487	1,00,187			11,707
15. Surfrazwáh		60,534	1,285	61,819	62,809		595	63,404		6 3, 4 0 4	18,806	44,598			4,444
16. Fuleli Canal	27,389	6,92,802	11,081	7,03,97 3	7,31,362	218	13,152	7,41,732		7,44,732	2,44,549	5,00,183			53,065
17. Hassanali Canal	112	33,179	390	33,569	33,681		827	34,508		34, 508	5,916	28,592		•••	2,064
Total	36,916	20,84,094	24,999	21,09,093	21,46,009	658.	27,402	21,74,069		21,74,069	5,82,676	15,91,393			1,50,251
GRAND TOTAL	1,53,586	49,81,639	92,572	50,74,511	52,28,097	2,734	79,296	53,10,127	2,871	53,07,256	8,86,997	44,20,259		42,339	3,24,359
Works for which only Revenue Accounts are kept	21,778	25,17,497	41,158	25,61,653	25,83,431	1,017	50,057	26,31,505		26,31,505		26,34,505			1,53,40

I-C.

Works in Sind for the year ended 31st March 1909.

Revenue and Working Expenses.

l						W	YORKING.	Expense	18.							NET REV	enue.
nent.				Mainte	nance and	Repairs	·•					Deduct	-Old Ma	inten-			
	Est	ablishme	nt.								,		- Charge				
Total Revenue Manage- ment.	Direction.	Execu- tive.	Total.	Works.	Repairs.	Sun- dries.	Planta tions.	Tools and Plaut.	Total Cost of Main- tenance.	Indirect Charges,	Grand Total Working Expenses.	Direct.	In- direct.	Total.	Total Working Expenses on Improve- ments.	Total.	Due to Improvee ments.
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs,	Rs.	Rs.	Rs.
19,282	4,177	17,293	21,470	12,859	85,352		561	1,001	1,21,243	3,444	1,43,969	•••			1,43,969	2,05,836	2,(5,836
11,275	712	2,948	3,660	275	15,929		514	***	20,378	512	32,165			***	32,165	1,58,665	1,58,666
40,143	3,415	15,814	19,229	24,416	57,580		385	2,301	1,03,911	2,932	1,46,986	8,757	2	8,759	1,38,227	5,15,530	4,90,676
16,688	2,293	-1,397	896	5,731	47,151			-172	53,€06	126	70,420	21,007	273	21,280	49,140	1,75,200	85,983
36,147	11,170	42,905	54,075	3 5,36 5	1,27,141	-141	1,263	1,966	2,19,669	7,570	2,63,386	344		344	2,63,042	3,61,288	3,58,188
55.774	13,854	74,623	88,477	319	2,06,80€	1,626	1,884	1,332	3,00,494	18,314	3,74,582	***			3,74,582	1,13,978	1,13,976
18,360	4,319	12,560	16,879	375	62,491			1,203	80,948	2,363	1,01,671	44,07€	1,138	45,214	56,457	1,62,818	1,24,119
18,777	2,837	8,251	11,088	976	41,209			534	53,857	1,552	74,186	19,355	453	19,808	54,3 78	2,32,507	1,79,461
		.,.															
2,16,446	42,777	1,72,997	2,15,774	80,316	6,43, 659	1,486	4,607	8,265	9,54,106	36,813	12,07,365	93,539	1,866	95,405	11,11,960	19,25,822	17,16,906
20,038	1,857	14,578	16,435	5,962	36,145		680	800	59,822	2,301	82,211	13,256	106	13,36	68,849	1,99,110	1,27,66
55,162	3,296	25,871	29,167	2,533	74,797	•••	165	-2,704	1,03,958	4,135	1,63,255	18,680	161	18,84	1	6,78,136	5,61,46
1,568	924	3,920		601	20,707	•••	***	-47	26,105	679	28,352	8,993	225	9,218] '	-4,434	-11.361
2,154	163	567	750		2,661	•••		-25	3,386	105	5,645	9,076	188	9,260	3 -3,621	19,524	11,28
11,707	1,164	3,608	4,772	1,296	15,631			-158	21,54 1	668	33,916	22,978	427	23,405	10,511	1,25,708	89,67
4,441	997	3,090	4,037	1,980	11,770	•••	748	-136	18,449	572	23,465	7,651	170	7,821	15,644	39,939	28,95
5 3,085	7,969	23,233	31,202	2,616	1,14,183	•••	198	336	1,48,565	4,400	2,06,030	1,14,265	2,096	1,16,36	89,669	5,38,7 02	4,10,51
2,064	1,306	3,811	5,117	5,694	13,308	ГТ		60	24,179	716	26,959	3,380	78	3,45	23,501	7,549	5,09
1,50,252	17,696	78 ,67 8	96,374	20,682	2,89,20		1,791	-2.044	4,06,005	13,576	5,69,933	1,98,281	3,451	2,01,735	3,68,101	16,04,236	12,23,29
3,6 6,6 9 3	60,473	2,51,675	3,12,148	1,00,998	9,32,861	1,485	6,893	6,221	13,60,111	50,389	17,77,198	2,91,826	5,317	2,97,133	7 14,80,061	35,30,058	29,40,19
1,53,409	30,575	1,03,125	1,36,700	1,07,915	4,97,473			436	7,42,524		8,95,933				8,95,933	17,38,572	17,39,57

V. C. FRENCH, Examiner, Public Works Accounts, Rombay.

STATEMENT II-C.

Statement showing the Financial Results of Irrigation Works in Sind for the year 1908-1909, based on actual receipts.

	Direct and	Rav	enus Rec	BIPTS.	Wos	ring Exp	eners.	Net	Percent- age of Net		SUBPLUB APTER INTE	PAYING	Excess (INCLU INTER	DING
Irrigation Works.	Capital Outlay to end of 1908-1909.	Gross Receipts, Direct and Indirect from all sources.	Deduct— Share due to old Irrigation Works.	Total Revenue due to Improve- ments.	Total Charges, Direct and Indirect.	Deduct— Old Mainte- nance charges.	Total, Working Expenses on Im- prove- ments.	Revenue due to Improve- ments.	Revenue on Capi- tal Out- lay to end of year.	Interest at average rate.	Amount.	Percentage on Capital Outlay.	Amount.	Percent age on Capital Outlay.
ſ	2	3	4	6	6	7	8	9	10	11	12	13	14	15
MAJOR WORKS.	Bs.	Rs.	Rs.	Rs.	Rs.	Ra,	Rs.	Rs.		Rs.	Rs.		Rs.	
PRODUCTIVE WORKS.			1											
1. Desert Canal	27,01,256	3,49,805	***	3,49,805	1,43,969		1,43,969	2,05,836	7.62	89,736	1,17,100	431	•••	
2. Unharwah	609,236	1,90,830		1,90,830	32 ,16 5		32,165	1,58,665	21.539	22,676	1,35,989	19*45		
3. Begári Canal	21,13,235	6,62,516	33,613	6,28,993	1,46 936	8,759	1,38,227	4,90,076	23.22	67,391	4,23,285	20 03	***	
4. Mahiwah	13,79,152	2,45,620	1,10,497	1.35,123	70,420	21,280	49,140	85,983	6.23	44,725	41,258	2.99	•••	
6. Eastern Nára Works	67,48,380	6,24,674	3,444	6,21,230	2,63,386	344	2,63,042	3,58,189	5.31	2,20,063	1,38,125	2.05	•••	
6. Jámráo Canal	81,62,207	4,89,560		4,88,560	3,74,582	***	3,74,582	1,13,978	1.40	2,87,591		 	1,53,613	1.88
7. Dád do	23,41,097	2,61,189	83,913	1,80,576	1,01,671	45,214	56,457	1,21,119	5*29	76,159	47,960	2.02	•••	
8. Nasrat do	18,65,904	3,08,693	72,854	2,33,839	74,186	19,808	54,378	1,79,461	9 62	61,177	1,18,234	6:34	•••	
9. Náulákhi do	5,145				/ =			•		173	***		173	3.36
Total, Major Works	2,60,18,612	31,53,187	3,01,321	28,28,868	12,07,365	95,405	11,11,960	17,16,906	6.60	8,48,691	8,68,215	3.34	•••	
MINOR WORKS AND NAVIGATION.							TITT				3			
10. Sukkur Canal	14,26,250	2,81,321	84,806	1,96,515	83,211	13,362	69,849	1,27,663	8.95	46,183	81,483	5.71	***	***
11. Ghár do,	5,72,3 <mark>96</mark>	8,41,393	1,35,512	7,05,881	1,63,255	18,841	1,44,414	5,61,467	98.09	18,331	5,43,136	94.89	•••	
12. Suttah do	1,78,142	23,918	16,145	7,773	29,352	9,218	19,134	-11,361	(a)	5,853			17,214	9.66
13. Alibhar Kacheri Canal	23,917	25,109	17,505	7,664	5,615	9,266	-3,621	11,285	47.18	785	10,500	43.30	•••	•••
14. Márak Great Canal	2,15,746	1,59,624	69,437	1,00,187	33,916	23,405	10,511	89,676	41.57	7,020	82,65 6	38*31		
15. Surfrazwah	1,24,680	63,404	18,806	44,598	23,465	7,821	15,614	28,954	23.22	4,012	24,942	23'00	•••	
16. Fuleli Canal	19,84,661	7,44,733	2,44,549	5,00,183	2,06,030	1,16,361	89,669	4,10,514	20.63	64,751	3,45,763	17.42	•••	
27. Hassanali Canal	2,90,527	34,508	5,916	28,592	26 ,9 59	3,458	23,501	5,091	1.75	9,187		***	4,096	1.41
Total, Minor Works and Navigation	48,16,309	21,74,069	5,82,676	15,91,393	5,69,833	2,01,732	3,68,101	12,23,292	25-40	1,56,122	10,67,170	22.16	***	
GRAND TOTAL	3,08,34,921	53,07,256	8,86,997	41,20,259	17,77,198	2,97,137	14,80,061	29,40,198	9.51	10,04,813	19,35,385	6.28	*10	

(a) No percentage is shown against this work as there is no net Revenue.

V. C. FRENCH,

Examiner, Public Works Accounts, Bombay.

STATEMENT III-C.

Demands and Realizations during the year 1908-1909 in Sind.

1	Irrigation Works.	Balance of demands unrealized at commencement of year.	Demands of year.	Total.	Deduct Remissions including Cash Refunds,	Net Total.	Deduct Amount unrealized at close of year.	Actual Total Receipts of year.	Deduct Share due to old Irrigation.	Total Revenue due to Improve- ments.
	1	2	3	4	5	6	7	8	9	10
	MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Ra.	Rs.	Rs,
	PRODUCTIVE WORKS.									
1	Desert Canal	73,965	3,64,243	4,38,208	21,510	47 (6,698	64,155	3,52,54 3		3,52,543
2	Unharwáh	21,422	1,88,375	2,09,797	1,787	2,08,010	17,180	1,90,830		1,90,83 0
3	Begári Canal	47,509	6,43,338	6,90,847	293	6,90,554	27,905	6,62,649	33,613	6,29,036
4	Mahiwáh	6,384	2,48,673	2,55,057	266	2,54,791	9,171	2,45,620	1,10,497	1,35,123
5	Eastern Nára Works	27,705	6,41,458	6,69,163	18,583	6,50,580	25,906	6,24,674	3,444	6,21,2 30
6	Jámráo Canal	71,066	5,99,2 <mark>66</mark>	6,70,332	2,614	6,67,718	1,79,158	4,88,560	† .	4,88,560
7	Dád d o	10,976	2,79,619	2,90,595	1	2,90,595	26,106	2,64,489	83,913	1,80,576
8	Nasrat do	12,710	3,19,630	3,32,340	191	3,32,149	25,456	3,06,693	72,854	2,33,839
9	Naulákhi do. (ð)					////		•••		•••
	Total, Major Works	2,71,737	32,84,602	35,56,339	45,244	35,11,095	3,75,037	31,36,058	3,04,321	28,31,737
	MINOR WORKS AND NAVIGATION.									
10	Sukkur Canal	7,641	2,79,507	2,87,148	339	2,86,809	5,488	2,81,321	84,806	1,96,515
11	Gh4r do	36,102	8,39,297	8,75,399	15,503	8,59,896	18,503	8,41,393	1,35,512	7,05,881
12	Suttah do	3,241	24,000	27,241	•••	27,241	3,323	23,918	16,145	7,773
13	Alibhar Kacheri Canal	. 852	2 5,068	25,920	•••	25,920	751	25,169	17,505	7,664
14	Marak Great do	. 6,521	1,61,130	1,67,651	11.	1,67,651	8,027	1,59,624	59,437	1,00,187
15	Surfrazwah	. 5,935	65,521	71,456		71,456	8,052	63,404	18,806	44,598
16	Fuleli Canal	74,405	7,62,090	8,36,495	57	8,36,438	91,706	7,44,732	2,44,549	5,00,183
17	Hussanali do	1,143	39,270	40,413	***	40,413	5,905	34,508	5,916	28,59 2
	Total, Minor Works an Navigation	1	21,95,883	23,31,723	15,899	23,15,824	1,41,755	21,74,069	5,82,676	15,91,393
	GRAND TOTAL	4,07,577	54,80,485	58,88,06 2	61,143	58,26,919	5,16,792	53,10,127	8,86,997	44,23,130

⁽a) Correct balances as now reported by the Civil Officers in Canal Returns Nos. VIII-A and IX.

⁽b) Work under construction.

STATEMENT

Statement showing the Financial Results of Irrigation Works in Sind

Principal Results of Operations

									JE ASSESSE
			G		Direct :	Revenue.			ect Revenn due to oper cana
	Irrigation Works.		Capital Outlay (Direct and Indirect) to end of year.	Ocoupier's	Planta- tions.	Miscells- neous.	Total.	Share of Land Revenue.	4 per centron on the sof proceed from sale of occupance rights in waste or other land up to end of year.
	1		2	3	4	5	6	7	8
	MAJOR WORKS		Rs.	Ra,	Rs.	Rs.	Rs.	Rs.	Rs.
	PRODUCTIVE WORKS.						$\overline{}$		
1	Desert Canal	•••	27,01,256	95,314	81	1,486	96,881	2,65,680	1,682
2	Unharwah		6,99,236	295	57	997	1,349	1,84,319	2,707
8	Begári Canal		21,13,235	38,999	32	1,541	40,572	5,94,395	8,371
4	Mahiwah		13,79,152	1,214		3,035	4,249	2,41,748	2,676
5	Eastern Nára Works	•••	67,48,380	2,137	1,108	29,782	33,027	6,06,085	2,346
6	Jámrao Canal	•••	81,62,207	1,598	158	11,756	13,512	5,48, 869	36,885
7	Dád do,	•••	23,44,097	3,197	470	2,497	6,164	2,67,657	5,798
8	Nasrat do	•••	18,65,904	250	170	800	1,220	3,11,002	7,408
9	Naulakhi do	***	5,145	•••	•••	• • • •		*****	•••
	Total, Major Worl	is	2,60,18,612	1,43,004	2,076	51,894	1,96,974	30,19,755	67,87
	MINOR WORKS AT	ND							
	(÷111	L	Lox	rat	1	n.c	111	1114	<u></u>
10	Snkkur Canal	1	14,26,250	·1,508	168	3,116	4,792	2,73,943	77:
11	Ghár do Sattah do	***	5,72,386	5,516	272	8,326	14,114	8,17,927	7,25
12	Sattah do Alibhar Kacheri Canal	•••	1,78,142 23,917	53 571	•••	1114	54 68 5	23,552 23,548	394 83
14	Marak Great do.	•••	2,15,746	2,163		1,271	3,434	1,54,710	2,98
. .	Sarfrazwah	•••	1,24,680	2,350		595	2,945	61,291	1,28
16	Fuleli Canal	•••	19,84,661	30,635	218	13,152	44,005	7,07,004	11,08
17	Hassanali do	•••	2,90,527	359	•••	827	1,186	37,694	39
-1	I							<u> </u>	·
> 1	Total, Minor Wor Navigation	ks and	48,16,309	43,155	658	27,402	71,215	20,99,669	24,99

No. IV-C.

for the year ended 1908-1909, based on the assessment of the year.

for the year ended 31st March 1909.

OUBING TH	E YEAR.				Work	ing Expe	nses.		ENUR OF	
Land tion of	Refunds of Revenue.	Grand Total.	Deduct— Share due to old Irrigation.	Total Revenue due to Improve- ments.	Total Charges, Direct and Indirect.	Deduct—Old Main- tenance Charges.	Total Working Expenses on Improvements.	Total.	Due to Improvements.	Percentage on Capital Outlay to end of year (Improvements only).
9	10	11	12	13	, 14	15	16	17	18	19
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	R s ,
		_								
2,67,362		3,64,243		3,64,243	1,43,969	45	1,43,969	2,20,274	2,20,274	8.1
1,87,026		1,88,375		1,88,375	32,165		32,165	1,56,210	1,56,210	22.3
6,02,766		6,43,338	33,613	6,09,725	1,46,986	8,759	1,38,227	4,96,352	4,71,498	22.3
2,44,424		2,48,673	1,10,497	1 ,38,176	70,420	21,280	49,140		89,036	6.4
6,08,431	•••	6,41,458	3,444	6,38,014	2,63,386	344	2,63,042		3,74,972	5.
5,85,754		5,99,266		5,99,266	3,74,582	4	3,74,582	2,24,684	2,24,684	2.7
2,73,455		2,79,619	83,913	1,95,706	1,01,671	45,214	56,457	1,77,948	1,39,249	5*9
3,18,410	•••	3,19,630	72,854	2,46,776	74,186	19,808	54,378	2,45,444	1,92,398	10.3
••• •	•••	***	•••	***						•••
3 0,87,628		32,84,602	3,04,321	29,80,281	12,07,365	95,405	11,11,960	20,77,237	18,68,321	7.1
					-					
2,74,715		2,79,507	84,806	1,94,701	82,211	13,362	68,849	1,97,296	1,25,852	8.8
8,25,183		8,39,297	1,35,512	7,03,785	1,63,255	18,841	1,44,414	6,76,042	5,59,371	97.7
23,946		24,000	16,145	7,855	28,352	9,218	19,134	-4,352	-11,279	(a)
24,383	•••	25,068	17,505	7,563	5,645	9,266	-3,621	19,423	11,184	46.7
1,57,696		1,61,130	59,437	1,01,693	33,916	23,405	10,511	1,27,214	91,182	42.2
62,576		65,521	18,806	46,715	23,465	7,821	15,644	42, 056	31,071	24.9
7,18,085	•••	7,62,090	2,44,549	5,17,541	2,06,030	1,16,361	89,669	5,56,060	4,27,872	21.5
38,084	***	39,270	5,916	33,354	2 6,95 9	3,458	23,501	12,311	9,853	3.3
21,24,668	•••	21,95,883	5,82,676	16,13,207	5,69,833	2,01,732	3,68,101	16,26,050	12,45,106	25.8

(a) No percentage is calculated as the net revenue against this work is a minus figure.

V. C. FRENCH, Examiner, Public Works Accounts, Bombay-

General Abstract of Financial Results of Irrigation

				м	AJOR W	ORKS-PI	RODUCTIV	E WORK				7	NOR WOR			
			1		In ope	ration.			,	Under Con- struction.					ln opera	tion.
		Desert Canal.	Unharwáh	Begári Canal,	Mahi- wah.	Eastern Nára Works.	Jámráo Caual.	Dád Canal.	Nas- rat Canal.	Naulakhi Canal.	Total.	Sukkur Canal.	Ghár Canal.	Suttah Canal.	Alibhar Kacheri Canal,	Marak Great Canal.
Capital	Outlay.	Rs,	Rs.	Rs.	Rs.	Re.	Bs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Re.	Rs.
During year	Direct		21,095	1,25,742	400	3 7,086	52,574	15,437	5,910		2 ,58,244	•	***	1,449		***
	Indirect	***	552	2,807	11	2,941	2,272	748	4,590	<i>,</i> ,,	13,921	•••				
	Total		21,847	1,28,549	411	40,027	54, 845	16,185	10,500		2,73,166			1,449	***	,
											_					-
	Direct	26 , 22, <mark>2</mark>35	6,80,640	20,54,323	13,21,850	65,21, 576	79,33,813	22,58,265	18,10,800	5,112	2,52,08,614	13,64,754	5,41,696	1,79,688	23,207	2,07,436
To end of year	Indirect	79,021	18,596	58,912	57,302	2,26,804	2,28,394	85,832	55,104	83	8,09,998	61,496	30,690	4,454	710	8,310
	Total	27,01,256	6,99,236	21,13,235	13,79,152	67,48,380	81,62,207	23,41,097	18,65,904	5,145	2,60,18,612	14,26,250	5,72,386	1,78,142	23,917	2,15,746
								P								
Gross R	enemie															
ur.000 10				-												
During year	Direct	64,017 2,85,768	1,925	44,089	2,494 1,32,629	31,654 5,89,576	16,10 i 4,72,459	2,187 1,78,394	299 2,33,540	1S	1,62,766 26,66,105		12,976 6,92,905	-26 7,798	5 05	3,987 98,200
	Total	3,49,805	1,90,830	6,28,903	1,35,123	6,21,230	4,88,560	1,8),581	2,33,839	•••	28,28,871	1,96,515	7,05,881	7, 773	7,664	1,00,187
	Planet	10 ma a= -	# A	10.00	2.05		<i>p</i> 40.10.1				40.00.000	74 000	4 97 000		04.00=	1 10 200
To end of year	1 1		7,265 26,18,126	10,82,263 1,11,28,128		11,10,794 1,51,53,564	5,42,494 49,24,81	8,€85 7,08, 4 01	2,99 7 7,74,52 8		40,32,822 4,01,86,929		4,27,666 2,29,24,562			1,19,299 20,69,9 7 2
	Total	56,51,351	26,25,391	1,22,10,391	5,08,337	1,62,64,358	54,67, 312	7,15,098	7,77,525	•=	4,42,19, 751	39,88,600	2,33,52,228	54,051	2,06,481	21,89,271

A	VORKS RE KE	FOR WHI	CH CAPIT	TAL		MI	NOR WOR	KS AND Y REVE	NAVIGAT	TION—WO OUNTS AI	RKS FOR	WHIC	H .	Expenditure on and Receipts from Works for which neither Capital n Accounts are kept.	or Reve	nue -
ť	Sur- razwáh-	Fuleli Canal	Hassan- ali Canal.	Total.	Grand Total.	Shikár- pur Canals District.	Western Nára District.	Canals	Survey and cons- truction District.	Northern Hyder- abad Canals District.	Hyder- abad	Canals District.	Total.	BEGA'BI CANALS DISTRICT. (Extensions and Improvements.) Maintenance and Repairs.	Rs. 894 50,382 29,397	Re- ceipts Rs.
	Rs.	Rs.	Rs.	Rs.	Ra	Rs.	Rs.	Rs.	Rs.	Rs.	Re.	Rs.	Rs.	Gaunspur loop Constructing compound wall and providing punkha to the subordirate's quarters at Gaunspur, Maintenance and depairs. Additions and alterations to the Bungalew at Candur.	810 176	•••
	•••	•••	11,417	12,966	2,71,110	***	***		•••		•••		•••	Khelat Survey Begári Canal-Maintenance and Repairs. Establishment Direction and Accounts. Executive Tools and Plant	4,952 5,383 4,330 17,834 3,759	* ***
	•••		295	295	14,216	•••	0.00		400	•••	•••	146	•••	Suspense Account Share of collection charges Direct Receipts Irrigation share of Land Revenue Four percent, on 9/10ths of receipts from sale of occupancy rights on	100 4,50c	
-		•••	11,712	13,161	2,85,326	•••	•••	400	130	***	•••			lands. Total, Begari Canals District SHIKA'RPUR CANALS DISTRICT, Raising and strengthening bunds	1,22,515	
-					5		1//	,,,					7	Sukkur-Begári Bund. Bunds in Rohri District, Sukkur-Begári Extensions and Kepairs. Extensions and Improvements. Maintenance and Kepairs. All Maintenance and Maintenance and Maintenance and	-16 81 20,136 645 2,817	•••
	1,18,559	19,13,446	[2,77,191	46,19,977	2,98,28,591	<u></u>	1//			•••		equ	•••	Repairs, Kasimpur Bund-Maintenance and Repairs, Constructing loops-Maintenance and Repairs. Widening arori Kaira to supply water to Gorkowar-Maintenance		
	6,121	71,215	13,336	1,96,332	10,06,330	•••		•••		***	<u>"</u>	***	P. P. P. P. P. P. P. P. P. P. P. P. P. P	Mahiwah Mahiwah Mahiwah Maintenance and Repairs. Direction and	10,087 15,130	•
	1,24,690	19,84,661	2,90,527	48,16,309	3,08,34,921	•••		109	•••			•••		Establishment { Accounts. Executive	54,074 1,437 621 11,376	
														from sale of occupancy rights on lands. Total, Shikarpur Canals District GHAR CANALS DISTRICT. Ghar Bunds-Maintenance and	3,94,89:	
														Repairs. Sukkur Canal—Maintenance and Repairs. Ghar Canal— Do Direction and Accounts. Establishment Executive	4,021 4,135	
	1,585	40,759	746	64,725	2,27,491	9,234	30,401	11,813	0.1	2,113	18,360	931	72,85	Tools and Plant Suspense Account Share of collection charges Direct Receipts Irrigation share of Land Revenue	1,421 22,263	
	4 3,0 13	4,59, <u>4</u> 24	27,846	15,26,6 6 8	41,92,778	6,09,159	10,31,818	3,20,797	aı	2,41,108	3,11,936	46,835	25,61,65	lands. Total, Ghar Canals District	45,159	-
•	44,598	5,00,183	28,592	15,91,393	44,20,264	6,18,393	10,62,219	3,32,610		2,43,221	3,30,296	47,766	26,34,50	Bund. Raising and strengthening new loop mangeshah Bund. Extensions and Improvements. Nara Bunds Maintenance and	3,266 1,499	
-	1													Bunds north of Extensions and Improvements. Maintenance and Repairs. Public Works Inspection Hungalow with authouses at Parandhar on Fatch or Bund	3,096 2,000 800	
	76,818	13,83,475	3,085	21,09,832	61,42,654	•••	•		***			*	***	room at Hassan Wahan alongabad Bund. Constructing Bund in Baths Forest. Establishment Direction and Accounts. Executive	1,415 2,241 8,06 65	
:	7,36,201	1 ,33,04,10 5	1,68,687	4,33,53,173	8,35,40,102		***		•••				•••	Suspense Account Share of collection charges Direct Receipts Irrigation share of Land Revenue Four per ceut. on 9 loths of receipts from sale of occupancy rights on	1,036	
	8,13,022	1,43,87,580	1,71,772	4,54,63,005	8,96,82,756			-						lands. Total, Western Nára District Carried over	57,442 6,20,008	-

				M.A.	Jor wo	RKSPR	DDUCTIVI	e works.			-	1	INOR WO	RKS AN ND REV	D NAV	igation accoun
					In	operation.				Under Con- struction.					la op	eration.
		Dosert Canal.	Unbarwáh	Begári Canal.	Mahi- wáh.	Eastern Nára Works.	Jámráo Canai,	Dád Canal.	Nas- rat Canal.	Naulakhi Canal.	Total.	Sukkur Canal.	Ghár Canal.	Sat'ah Canai.	Alibhat Kacheri Canal	Marak Great Canal
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs
Working	Expenses.															
Daring year,.	Direct	1,40,525	31,653	1,35.297	49,287	2,55,4 72	3,56,268	65,237	53,279	•••	10,77,018	66,651	1,40,440	18,680	3,538	10,27
	Indirect	3,444	512	2,930	-147	7, 570	18,314	1,225	1,099	***	31,947	2,195	3,974	454	-83	24
	Total 🟎	1,43,969	32,165	1,38,227	49,140	2,63,042	3,74,582	56,482	54,378	-	11,11,965	69,849	1,44,414	19,134	-3.621	10,51
				1		-XX	1							i		
				B		111			44							
'o e nd of year.	1	24,84,827	8,19,265	37,50,991	3,13,841	53, 92 ,9 9 3	23,16,831	5, 33 ,89 <mark>6</mark>	2,93,231		1,59,10,9 05	2 0,0 3,07 5	64,59,546	35,99 0	1,03,798	7,81,88
o end Olifebra	Indirect	55,723	1 4,0 46	88,897	-532	1,8 7 ,817	1,22,470	12,973	6,796	***	4,88,190	57 ,0229	1,63,197	47	3,688	22,81
	Totsl	25,40,550	8,33,311	38,30,888	3,13,309	55,80,810	24,39,331	5,51,869	3,00,027	•••	1,63,99,095		66,22,743	36,037	1,07,496	7,53,65
Net Ro		G	u	1]		a	ya	ıt	1	ns	stı	tı	ıtı	е		
Paring year	*** ***	2,08,886	1,58,685	4,90,676	83,983	8,59,188	1,13,978	1,24,119	1,79,461	004	17,16,906	1,27,668	5,61 ,4 67	11,361	11,235	89,67
lo end of year	· •••	31,10,801	17,92,080	8 3, 70, 5 03	1,95,028	1, 06 ,83,548	30,27,981	1,63,217	4 ,77 ,4 98	r ee	2 ,7 8, 2 0,656	19,28,496	1,87,29,435	18,014	9 8,995	14,35,61
		,														

Works in Sind for, and to end of, 1908-1909—continued.

WORKS ARE KE		CH CAPI	TAL		MI	NOR WOR	KS AND	NAVIGA' ENUE ACC	TION-WO	RKS FOR	R WHIC	н	Expenditure on and Receipts from Works for which neither Capital	n Agricul nor Rev	ltural enue
Sur- frazwáh	Fuleli Canal	Hassansali Canal.	Total.	Grand Total.	Shikar- pur Canals District.	Western Nára District.	Canals	struction	Northern Hyder- abad Canals District.	Central Hyder- abad Canals District.	Fuleli Canals District.	Total.	Accounts are kept. Brought forward SURVEY AND COMBTRUCTION DISTRICT.	Expenditure. Rs. 1,20,008	Re- ceipts- Bs. 4,51,510
Rs.	Rs.	Rs.	Rs.	Rs.	Bs.	Rs.	Rs.	Bs.	Rs.	Rs.	Rs.	Rs.	Taking observations of sub-soil water in the area covered by the proposed Indus Right Bank Canal. Making Survey for the Right Bank Canal Project Direction and Accounts. Establishment Tools and Plant	2,245 12,879 756 44,092 3,152	**** **** ***
15,242	87,365	22,863	3,57,976	14,34,994	1,55,609	2,08,454	2 54,337	100	1,34,345	91,930	51,258	8,98,933	Total, Survey and Construction District KARACHI CANALS DISTRICT. Kokavari Bund—Extensions and Improvements Mulchand Sháhbander do. do Mainteanne	1,816	
403	2,304	6 3 3	10,125	45,072	***	***				419	-03		Pansh Baghar Bund—Extensions and Improvements. Baghar Uchito Bund—Extensions and Improvements. Do. do. Maintenance and	-31	****
15,641	89,669	23,501	3,68,101	14,80,086	1,55,609	2,08,454	2,54,337		1,34,345	91,930	51,259	8,95,933	Repairs. Bunds Right Bank . o. do.	28,518 59 5	114
					1								Sattah Caral—Extensions and In- provements. Do. Maintenance and Repairs. Direction and Accounts. Executive Tools and Plant Suspense Accounts Mathematical Instrument Depot.	22,537 1,734 4,826	
4,6 6,210	68,18,(24	1,01,476	1,67,19,45%	3 <mark>,26,3</mark> 0,361	***	810					.10	090	Tools and Plant. Share of collection charges Direct Receipts Trigation share of Land Revenue Four per cent, on 91,0ths of receipts from sale of occupancy rights. Total, Karáchi Canals District		1,537 23,161 385 25,068
18,593	2,03,811	3 211	4,63,89 3	9,57,083	•••				0.00	100	90%		INDUS RIVER COMMISSION DISTRICT. Carrying out berings Sukkur weir. Removing rock barrier, Nárá supply channel. Surveying Indus Additions and alterations to Store room and compound wall in the Resid ney compound at Sukk r	3,564 667 20,219 3,634	
4,81,803	70,21,835	1,01,687	1,71,88,349	3,35,87,441									Trial borings for the proposed barrage at Sukbur, Additions and alterations and Ma- intenance and Rejairs to Assistant Engineer's Office at Kotti, Erecting gauges Mirs Funds Nai- chani and Kurekhas.	1,864	
		(Gi	ul	I	Нa	13	/a	t	lr	lS	t1	Maintenance of Steamers, gauges, and Spagging the river Ind.s. Measuring discharge of Indus at Dera Gazi Khan. Erecting be acons at I. dts Excavating a trench in front at Kotri Gauge. Maintenance of Erikur Din Belo and out fall gauges.	15 2 62	
28,9 54	4 10,514	5,091	12,23,292	29,40,199	4,62,7 84	8,53,765	78, 2 73	•••	1,08,876	2,38,366	-3,493	17,38,572	Store room at Sukkur	82,248 10,960 -283	
3, 31, 2 19	76.65,7 4 5	67,085	3,82,74,656	5, 6 0, 95 ,312			***			gitt	***	***	NORTHERN HYDERABAD CANALS DISTRICT. Raulakhi Bhurtl Laid. Ratensions and Improvements. Maintenance and Repairs.	500	95
													Canal Chowki Extensions and Improvements. at Doulatpur. Maintenance and Repairs. Indus Survey marks Experimenting Egyptian Cotton in Sehra Garden.	1,331 28	
													Carr'ed or {	9,87,734	1,76,668

			MAJ	OR WOR	RKS—PROI	DUCTIVE	WORKS.				М	INOR WO	RKS AN	D NAVIG	ATION
			1	In oper	stion.	,	,		Under Con- struction.					In operation	01.
	Desert Canal.	Unharwáh	Begári Canal.	Mabi- wáh.	Eastern Nára Works.	Jámráo Canai.	Dád Canal.	Nas- rat Canal.	Naulakhi Canal.	Total.	Sukkur Canal	Ghár Canal.	Sattah Canal.	Alibhar Kacheri Canal.	Marak Great Canal.
,	Rs.	Rs.	Rs.	Bs.	Rs.	Bs.	Rs.	Bs.	Rs.	Rs.	Rs.	Rs.	Rs	Rs	Rs.
Simple Interest.															
During year	98,736	22,676	67,391	41,725	2,20,063	2,67,5 91	76, 159	61,177	173	8,48,691		***	***		•••
									(8			ľ			
To end of year	18,58,473	4,83,108	23,24,286	3,16,495	81,18,012	\$3,04,590	7,39,390	4, 18,195	1,041 1	,75,63,590	•••	989 -		***	•••
			2					11/							
											•				
Net Profit after paying of Interest.															
During year	1,17,100	1,35,939	4,23,285	41,258	1,38,125	-1,53,613	47,960	1,18,254	1.S	8,68,215	tu	te		***	•••
Fo end of year 🐭 🔐	. 12,52,328 1	3 08 979 6	0,46,21	91 467	25,65,536	a tre cos	F-10-110						,		
• • • •				-34A) TÜ (~~,vo;ioo0	a,10,002	-5,76,173	59,803	-1,041 1,	vz,51,0 6 6	•	***			

WORKS ARE KI	FOR WE	IICH CAPI	TAL	•	MII	NOR WOR	KS AND Y REVE	NAVIGA'	TION-WO	RKS FO	R WHIC	H	Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.
Sur- frazwáh.	Fulcii Canal.	Hassan- ali Canal.	Total.	Grand Total.	Shikér- pur Canals District.	Western Nára District	Karáchi Canals District	and Con-	Northern Hyder- abad Canals District.	Hyder- abad Canals	Canals District.	Total.	Expenditure, Receipts. Rs. 9,87,734 4,75,668 Rs. Rs. Rs. 4,041 Rs. R
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Re.	Rs.	Rs.	Rs.	Rs.	Rs.	District—continued. Extensions and Improvements. Maintenance and Repairs. Nasrat Canal Nasrat Canal Detailed Survey of the Robrit Hyderabad Canal Project. Extensions and Inprovements and Inprovements and Improvements and Inprovements nput In
•••	***			***		ree	rea	4		100	ten	***	Share of collection charges 13,115 Direct receipts after deducting 3,712 refunds. Irrigation share of Land Revenue Four per cent. on 9/10ths of receipts from sale of occupancy rights in lands. Total, Northern Hyderabad Canals District 1,34,261 L56,933
~**			-		3			150 H					District. Constructing loops Renwah— Maintenance and Repairs. Alibhar Kacheri Canal—Maintenance and Repairs. Marak Great Canal do. do 13,987 Sarfrazwah Counts. Establishment. Supense Account 41 Suspense Account 457 Direct Receipts 9,575 Direct Receipts 9,575 Direct Receipts 9,574 Suspense Account 481 Irrigation share of Land Revenue 95,748 Four per cent. on 9/10ths of receipts from sale of occupancy rights on lands.
				1									Total, Central Hyderabad Canals District 47,507 96,229 FULELI CANALS DISTRICT. Constructing Subordinates' quarters near Budka Taker 1,899 Providing a bridge platform to the old sluices at the mouth of Chandon Raising platform around Sub- ordinates' quarters and outhouses at Budka Taker.
≱	Ran	-(Ji	11	I	H	17	ya	t	lı	15	t	Accounts. Acco
						•		•••	•••			***	from sale of occupancy rights on lands. Total, Fuleli Canals District 2,14,784 2,50,99 JAMEAO CANAL DISTRICT Direct Receipts

Statement of Area irrigated by Irrigation Works

Name :	of Canal.	AREA IF	REIGATED IN	AORES.	DELUCTION	A IERIGATI G ABEA I NS WERE G	N WHICH	Numbi DAYS (WAS IN	ANAL
		Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.	Kharif.	Rabi.
	1	2	3	4	5	6	7	8	9
MAJOR	WORKS.	Acres.	Acres,	Acres.	Acres.	Acres.	Acres.	Days.	Days.
PRODUCT	IVE WORKS.			ĺ				Ind	us Right
Shikarpur Canals Dis-	Mahiwáh	55,182	44,244	99,426	54 ,679	44,205	98,884	14	•
Begári Canals District.	(Desert Canal	56,869	76,185 28,404 1,36,153	1,91,122 85,273 324,267	112,643 56,665 187,961	73,074 28,288 135,114	185,717 84,953 323,075	17 16 18	8
MINOR	works.								
	CAPITAL AND REVENUE								
Ghár Canals District .	Sukkur Canal Ghár Canal		61,844 145,438	137,481 371,681	75,332 224,705	60,209 141,601	135,541 366,306	93 18	1 3 8
Karáchi Canals District.			2,513	17,713	8,908	2,435	11,343	18	
	CH ONLY REVENUE			11/17					
Shikarpur Canals District.	Canals in Rohri	77,148 7,295 7,132	33,164 38,450 4,891 8,257 4,942	77,945 115,598 12,186 15,389 7,949	44,639 77,043 7,186 7,039 2,998	33,086 38,403 4,891 8,251 4,937	77,725 115,446 12,077 15,290 7,935	12 11 11 12 12	9 4 0
	Western Nara New Feeder to Wester Nara Pritchard Canal Mary	218,015	127,823	345,838	210,046	126,913		Average 20	
Western Nara Dis-	Dadu Canal Phitta Canal	8,024	2,337 4,424 2,256	5,837 12,448 7,093	3,370 7,888 4,610	2,299 4,303 2,256	5,669 12,191 6,866	11 Average 1 12	13
	Chario Wahur (Aral)	7,845	23,318	31,163	6,494	22,651	29,145	10	5
	Canals North of Kotri Wahurwah	7 00#	6,504 1,672	13,417 2,757	6,465 889	6,265 1,666	12,731 2 ,555	Average 11	19 .0
Karáchi Canals Dis-	Kalri Pinyári Baghar	15,216 81,767	5,438 15,083 13,920	20,654 96,850 41,579	10,125 51,206 19,788	5,22 4 14,716 13,722	15,349 65,922 33,510	15 21 25	4
MAJOR	WORKS.	-							
	VE WORKS.	av	at	ln	Sti	tu	te	Ind	lus Left
Jámráo Canal District.		187,598	20,337	207,935	180,876	13,689	194,565	170	182
Northern Hyderabad Canals District.	Nasrat Canal	1 4	26,289 37, 619	119,690 124,111	91,816 85,111	25,700 30,527	117,516 115,638	10 12	
Eastern Nára District.	Mithráo Canal Thar Canal Hiral Canal Khipra Canal	46,619 14,850	8,190 2,422 959 957	111,151 49,041 15,809 4,080	99,899 45,918 14,717 3,123	7,799 2,422 953 957	107,698 48,340 15,670 4,080	138 21 139 17	182
MINOR	WORKS.			,,,,,	,				
Works for which of Accounts	CAPITAL AND REVENUE ARE KEPT.								
Central Hyderabad	Alibhar Kacheri Márak		318 4,958	11,555 66,070	11,237 60,897	318 4,921	11,555 65,818	11 11	
Fuleli Canals District.	Sarfraz Fuleli Hassanali	34,521 330,473	3,412 49,692	37,933 380,165	34,521 820,448 15,192	3,412 48,6 6 1 680	37,933 369,109 15,872	14 183 14	1 159
	LY REVENUE ACCOUNTS	1,	693	17,126	10,192	980	10,012	14	:#
Northern Hyderabad		45,619	2, 4 60 9,833 2,084	14,182 55,452 14,363	11,700 44,870 12,264	2,443 9,736 2,084	14,143 54,606 14,348	11 12 98	2

I-E.
in Sind during the year 1908-1909.

		one yeu	7 1300-	1903.						
AVREA		HARGE IN		ARBA		r second		WATER	PTH OF USED AREA	
At I	Head.	Util	lized.	At I	lead.	Util	ized.	IRRIG	ATED.	Remarks.
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
10	11	12	13	14	15	16	17	18	19	20
C. ft.	C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Feet.	Feet.	
Bank D	ivision.					,				
	143	1,4	43	69		6:	9	4	•2	
1,4	707 100 154	2,7 1,4 3,1		66 6 10:	l	69 60 10	l	5	•2 •6 •7	
2,409 5	37 0	2,409] 3,9		31	163 92	31	1 163 92	6.0	1.7	
_	25	62		-	8		18	15		
				7		1/6	Z.	IIII		
	155 939 330	1,9	.5 5 9 39 30	(36 30 37		66 0	4	0 0 2	
	100 204	4	00 04		38 39	3	8 9	6	·3 ·2	
4	,206	4,1	103	8	0	8	32	5	·2	
	163 243		163 243		5		35 50		5.5	
*1	15 2 103 100	*	152 10 3 000	1	5	4	15	5	l∙5 3•8	*103 cusecs represent the flow into the Mancher Lake.
-15	513†Aver- 889 age. 90	—1 !	5 13 † 689	1	8]]	18	13	1·7 3·2	†1513 against Charlo Wahur indicate the Number of days which the Canal dis- charged back into the river.
5	52		90 552	2	8 .	2	28		7 -9 0-9	compet soon more are inver-
2,1 4,0	165 10 4	1	165		8 8] 3	80 8]]4	4·3 3•7	The high Δ is due to a large quantity of water running to waste into the sea.
Bank Di	vision.	_	1	_	т.					4 . 4 . 4 .
2,367	634	2,363	634	76	22	77	22	4.4	16.5**	
3, 6 1,8	98 860	3,6 1,8	598 880	3 6	로 2	3	(≥ 2		(•8 •9	acres of cotton, a kharif crop being watered for a few months in the rabi season.
	372 59	1,549	372 59	64 6	21	64	21	4.3	17.3	
116	64	116	04	127 39	15	127	15	2.2	24/3+1 -9	††The high rabi Δ is due to a large quantity of water running to waste through the Escape slnice which is not accounted for.
1,23	9 9 1,346	37 1,25 89 5,626 37	15 19 737	3: 5: 4: 51 4	3 2	3 5 4 57 4	3 2 1 66	6·4	 -6 -5 -7 -7 -7	The low duties and high deltas as compared with 1907-1908 are due to very high inundation.
1,7	08 68 05	1,7	0 8 68 05	38 81 47	1	3 3 4	1	7	·6 ·9 •2	

STATEMENT II-E.

Statement showing Incidence of Working Expenses on Assessed Revenue on Canals in Sind during the year 1908-1909.

	of the year ubic feet per	WATER	-BAT	R 488 3 88)	ed, durine	3 1 908-1909.	Revenue from	Direct and	og the year	Þ	Vori	King Eses.	Conse	ER CERT. F NET DLIDATED SSMENT.	WAT DIE	OTAL BE-RATE ECT AND DIRECT.
Name of Canals.	Average discharge of the year at Canal Head in Cubic feet per Second.	Occupier's.	Owner's.	Total, Direct.	Indirect.	Total, Direct and Indirect,	Gross Assessed Resil sources,	Working Expenses, Indirect.	Acres lrrigated during 1908-1909.	Per cent. on Gross Revenue.	Per Acre irrigated.	Per Cubic foot per Second of dis- obarge at Canal Head.	Per Acre irrigated.	Per Cubic foot per Second of dis- charge at Canal Head.	Per Acre irrigated.	Per Cubic foot per Second of dis- charge at Canal Head.
1	2	3	4	5	6	7	8	9	10*	11	12	13	14	15	16	17
Major Works. Productive Works.	C. ft.	Ra.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Acres.	<u> </u>	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Shikarpur Canals Mahiwah	1,443	1,214		1,214	2,44,424	2,45,638	2,48,673	70,420	93,869	28'32	•75	48.80	2-69	167.53	2.63	170:23
Begári Canals District . Desert Canal Unharwáh Begári Canal	2,707 1,400 3,154	95,314 295 38,999	•••	95,314 295 38,999	2,67,362 1,87,026 6,02,766	3,62,676 1,87,321 6,41,765	3,64,243 1,88,375 6,43,338	32,165	185,299 81,067 274,265	17.07	•40	22-97	2°14 2°28 2°66	98·15 131·66 188·46	1.96 2.31	133·98 133·80
Jámráo Canal District. Jámráo Canal	1,471	1,598		1,598	5,85,754	5,87,352	5,99,266	3,74,582	205,198	62-51			2.72	373'13	2.34	203°48 399°29
Northern Hyderabad Dad Canal Canal Nasrat Canal	3,698 1,880	3,197 250	110	3,197 250	2,73,455 3,18,410	2,76,65 <u>3</u> 3,18,6 <u>6</u> 0	2,79,619 3,19,630	1,01,671 74,186	115,642 120,114	36°36 23°21	0.88	27:49	2.21	72·38 165·43	2.30 2.39 2.65	74.81
Eastern Nára District - Mithrao Canal Thar Canal Eastern Nára Lind Hiral Canal Hiral Canal	880 759 87	437 1,527 173		437 1,527 173	2,79,839 1,37,031 1,46,636 44,925	2,87,276 1,38,558 1,46,809 44,925	2,89,336 1,40,898 1,66,858 45,366	78,677 20,202 139,502 25,005	109,237 47,692 104,613 15,478	27·29 14·34 83·61 55·12	0.72 0.42 1.33	89.63	2*58 3*05 1*46 2*81	317-63 180-19 500-15	2.57 2.91 1.40 2.90	169·50 318·50 182·55
Total, Major Works		1,43,004		1,43,004	30,87,628	32,30,632	32,84,602	12,07,365		36.76			2.48		2.38	516.38
MINOR WORKS.				77.											- 30	
Works for which Capital and Revenue Accounts are kept.				III	//:-		W							Ì		
Ghár Canals District { Sukkur Canal Ghár Canal (Ghár Canal Central Hyderabad Alibhar Kacheri (Sarfraz Sarfraz	2,779 3,976 625 373 1,235 899	1,508 5,516 53 571 2,163 2,350		1,508 5,516 53 571 2,163 2,350	2,74,715 8,25,183 23,946 24,383 1,57,896 62,576	2,76,223 8,30,699 23,999 24,954 1,59,859 64,926	2,79,507 8,39,297 24,000 25,068 1,61,130 65,521	82,211 1,63,256 28,352 5,645 33,916 23,465	96,607 281,679 17,070 11,524 65,209 37,368	29·41 19·45 118·13 1 22·51 (21·05 (35·81 (0.49	29.58 41.07 45.36 15.13 27.46 26.10	2.94 3.05 1.39 2.28 2.65 1.99	98*58 205:77 37*68 63:13 125:27 68:18	2·86 2·95 1·41 2·17 2·45	99-40 206-98 38-40 66-90 129-44
Fuleli Canals District { Fuleli Canal Hassanali Canal	4,005	30,635 359	:::	30,635 359	7,18,085 38,084	7,48,720 38,443	7,62,090 39,270	2,06,030 26,959	374,130 17,014	27.03 (63.65])*55	51·44 67·56	2·29 2·31	176·53 94·47	2.00	72·23 186·95
Total, Minor Works		43,155		43,155	21,24,663	21,67,823	21,95,883	5,69,833	900,601	25.95			2.59	94.47	2.26	96.35
Grand Total	1	,86,159		,86,159	52,12,296	53,98,455	54,80,485	17,77,198 2		31.53			2.23		2.01	

[•] Note. - The figures of area given in this column are exclusive of Dubari cultivation.

Gul Hayat Institute

STATEMENT III-E.

Statement of Quantity and Value of Crops irrigated in Sind during the year 1908-1909.

				Begár	CANALS DIST	RICT.			
Description of Crops.	1	Desert Canal.		τ	Jnharw áh.		Ве	gári Canal.	·····
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	2	3	4	5	6	7	8	9	10
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
(Rice Jowári	. 60,946	1,18,496 21,86,453	3 8 3 6	4,842 24,899	1,20,636 7,68,941	25 31	55,672 96,487	17,34,45 5 29,07,040	31 30
$\begin{array}{cccc} \text{harif} & & & \\ & &$. 51	9,78,887 3,986 3,42,378	30 78 19	17,100 81 9,947	5,12,931 5,515 1,68,490	30 68 17	15,596 41 20,318	4,05,632 1,868 4,72,358	26 46 23
Total	114,937	36,30, <mark>20</mark> 0	32	5 6,8 6 9	15,76,513	28	188,114	55,21, 353	29
Rabi Wheat Barley Oil-seeds Other crops	32,612	6,55,004 223 11,26,241 14,72,024	43 28 35 52	10,585 14 4,010 13,795	2,17,451 447 98,863 5,94,048	21 32 25 43	15,792 41 38,188 82,132	5,59,344 804 11,65,219 17,36,708	35 20 31 21
Total	70 101	32,53,492	48	28,404	9,10,809	32	136,153	Estimated value. 9 Rs. 17,34,455 29,07,040 4,05,632 1,868 4,72,358 55,21,353 5,59,344 804 11,65,219 17,36,708 34,62,075 89,83,428 s assessed by the Rabi. Total 225 3,00 OR CANALS DIS Mahiwáh. Estimated value. 18 Rs. 2,16,078 6,85,700 1,70,172 3,882 42,848	25
Total under both Heads	. *19 1 ,122	68,83, <mark>6</mark> 92	36	85,273	24,87,322	29	+324 , 267	89,83,428	28
* Excludes Kharabo and unculti gent, Sibi, as under :	vated areas ass	essed by the Po	litical		Excludes Khars		cultivated area	s assessed by the	e Politic
Kharif. Acres 3,083	Rabi. 4,031	Total. 7,114	1		Acres .		K barif. 2,851		
		Begári	CANALS	DISTRICT-co	ncluded.		Enikárp	UR CANALS DIS	TRICT.
•	K	áshmor Bund.			Total.			Mahiwah.	
Description of Crops.									
Description of Crops.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area		Value per acre.
Description of Crops.			per			per	Area irrigated.	value.	per
	irrigated.	value.	per acre.	irrigated.	value.	per acre.	Area irrigated.	value,	per acre.
Rice Jowári	Acres 1,128 1,679 20	Rs. 29,568 43,753	13 Rs. 26 26	14 Acres. 63,66,183,466,66,91	Rs. 3 19,73,58' 58,92,00' 41,20' 19,41' 19,41' 1	Per acre. 16 Rs 7 3: 3: 2: 3: 2: 3: 2: 3: 2: 3: 2: 3: 2: 3: 3: 2: 3: 3: 2: 3: 3: 3: 3: 3: 3: 3: 3: 3: 3: 3: 3: 3:	Area irrigated. 17 Acres. 1 7,658 2 36,928 9,184	Rs. 2,16,078 6,85,700 1,70,172	19 Rs.
Rice Jowári	Acres. 1,128 1,679 29 1,424	Rs. 29,568 43,753 2,045 25,302	13 Rs 26 26 70 18	Acres. 63,66: 183,46: 66,91: 20: 49,94	Rs. 15 Rs. 19,73,58 58,92,00 19,41,20 213,41 10,08,52	Per acre. 16 Rs 7 23 32 34 66 8 20	Area irrigated. 17 Acres. 1 7,658 2 36,928 9,184 140 1,272	Rs. 2,16,078 6,85,700 1,70,172 3,882 42,848	19 Rs 22 11 12 23 3
Rice Jowári Bájri Cotton Other crops	Acres. 1,128 1,679 29	Rs. 29,568 43,753 2,045	13 Rs 26 28 70	Acres. 63,66; 183,46; 66,91; 20;	Rs. 15 Rs. 19,73,58 58,92,00 19,41,20 213,41 10,08,52	Per acre. 16 Rs 7 23 32 34 66 8 20	Area irrigated. 17 Acres. 1 7,658 2 36,928 9,184 140 1,272	Rs. 2,16,078 6,85,700 1,70,172 3,882	19 Res

74,503 791 22,447

4,678

1,02,419

2,03,087

20

32

27

30

22

23

45,470

75,649 124,296

245,503

88

15,06,302

2,265 24,12,770 38,07,458

77,28,795

609,683 1,85,57,529

33

26

32

31

31

30

33,110

197 5,294

5,643

44,244

99,426

3,741

25

839

156

4,761

9,021

7,70,217 3,146 98,872 1,34,128

10,06,363

21,25,043

23

16

13

24

90

21

Wheat

Barley

Total under both Heads ...

Oil-seeds

Other crops

Total

STATEMENT III-E—continued.

				SH	iikárpur Can	ALS DISTRICT-	continuea	<i>1.</i>		
Descript	ion of Crops.	Ci	anals in Rohri.		s	ind Canal.		R	Estimated value. 27 Rs. 1,54,480 22,575 112 560 6,236 1,83,963 26,085 120 32,580 24,725 83,510 2,67,473	
		Area irrigated.	Estimated values	Value per acre.	Ares irrigated,	Estimated value.	Value per acre.	Area irrigated.		Value per acre,
	1	20	21	22	23	24	25	26	27	28
	•	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rsa
		8,557 32,324	2,60,682 4,42,779	30 14	3 0,096 3 9,485	11,7 7 ,776 8,87,4 0 1	3 9 22	3,862 3,225		40 7
Kharif	1 —	1,691 353	19,046	11	2,293	47,658	21	16	112	;
			5,111 44,310	14 24	22 5,252	725 2,03,304	33 39	14 178		40 33
	Total .	44,781	7,71,928	17	77,148	23,16,864	30	7,295	Rs. 27 Rs. 28. 1,54,480 5 22,575 6 112 4 560 8 6,236 5 1,83,963 26,085 120 32,580 24,725 1 83,510	2.
		27,190	5,93,696	22	12,452	3,38,689	27	1,739		1
labi	Barley Oil-seeds	106 3,044	1,366	13	10	168 1,06,686	17 25	1,086		1
	Other crops	2,824	53,633 45,045	18 16	4,246 21,742	4,22,154	19	2,058		3
	Total	. 33,164	6,93,740	21	38,450	8,67,697	23	4,891	83,510]
otal under	both Heads	77,945	14,65,668	19	1,15,598	31,84,561	28	12,186	2,67,473	2

				S	HIKÁRPUR CAN.	ALS DISTRICT—	-continued	<i>l</i> .		
De	escription of Crops.		Chitti Canal.		Gg	arang Canal.		Sukk	ur-Begári Bund	d.
	,	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated	Estimated value.	Value per acre
	1	29	30	31	32	33	34	35	36	37
	Gu	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs•	Rs.
Kharif	Rice Jowári Bájri Cotton Other crops	2,525 3,749 113 28 717	1,01,000 26,243 791 1,120 18,949	40 7 7 40 26	230 2,334 55 9 379	9,200 16,338 385 360 12,027	40 7 7 40 32	2,873 3,082 86 35 226	1,15,120 23,849 1,629 1,075 8,301	40 8 19 31 37-
•	Total	7,132	1,48,103	21	3,007	38,310	13	6,302	1,49,974	24
Rabi	$ \begin{cases} \text{Wheat} & \dots \\ \text{Barley} & \dots \\ \text{Oil-seeds} & \dots \\ \text{Other crops} & \dots \end{cases}$	1	43,320 15 88,320 53,535	15 15 30 22	2,268 1,190 1,484	34,020 35,700 29,860	15 30 20	4,298 5 1,430 3,174	73,401 75 40,080 35,022	17 15 28 11
	Total	8,257	1,85,190	22	4,912	99,580	20	8,907	1,48,578	17
Total un	nder both Heads	15, 389	3,3 3,293	22	7,949	1,37,890	17	15, 20 9	2,98,5 52	20

		STATEM	ENT .	E6	continued.				
		Shikárpur	CANALS?	Distric t— c	oncluded.		Ghár C	NALS DISTRI	
Description of Crops.	K	ásimpur Bund.			Total.		Sa	kkur Canal.	
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Acres. Rs. 50,041 12,79,753 20,035 4,79,856 522 9,180 5,031 86,819 75,637 18,55,808 16,352 3,77,635 19 337 2,95,587 32,106 4,37,957 61,844 11,11,516 137,481 29,67,324 d. Total. Area irrigated. Estimated value. 58 54 Acres. Rs. 177,352 47,38,996 111,158 16,98,074 3,214 21 10,978 2,45,690 302,723 67,27,340 49,320 12,20,384	Value per scre.
1	38	89	40	41	42	43	44	45	46
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs
Kharif { Bájri	583 583 2	6,396 12 30 948	12 12 15 15	55,801 121,710 13,439 603 19,944	20,34,336 21,11,861 2,39,805 12,863 3,36,923	36 17 18 21 34	20,035 522 8	4,79,856 9,180 200	26 24 18 25 17
Total	650	7,986	12	201,497	47,35,808	24	75,637	18,55,808	25
Barley	2,171 3 90 205	39,078 27 1,140 2,511	18 9 13 12	86,116 330 19,324 39,554	19,18,506 4,917 4,57,011 7,46,980	22 15 24 19	19 13, 3 67	337 2,95,587	23 18 22 14
Total	2,469	42,756	17	145,324	31,27,414	22	61,844	11,11,516	18
Total under both Heads	3,119	50,742	16	346,821	78,63,222	23	137,481	29,67,324	22
Description of Crops.		Ghár Canal.	Á	GHÁR (Canals Distri	CT—soncli	uded.	· Total.	
Description of crops	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.			Valu per acre
1	4 7	48	49	50	51	52	53	54	55
Kharif Rice Jowári Bájri Cotton Other crops	Acres. 127,05 90,64 2,68 10 5,84	6 12,07,356 34,310 595	Rs. 27 13 13 60 26	Acres. 257 477 7 3 99	Rs. 4,136 10,862 175 120 5,730	Rs. 16 23 25 40 58	177,352 111,158 3,214 21	47,38,996 16,98,074 43,665 915	Rs. 21 14 44 22
Total	226,24	48,50,509	21	843	21,023	25	302,723	67,27,340	2
Barley	32,419 6 48,958 63,99	682 682 11,29,807	26 11 23 8	549 9 22 137	13,505 95 132 4,158	25 11 6 30	49,320 92 62,317 96,210	12,20,384 1,114 14,25,526 9,41,285	2 1 2 1
Caratiophi				101				.,,	

17,890

38,913

717

1,560

17

20

Total under both Heads

 \mathbf{Total}

145,435

24,58,903

371,681 73,09,412

25

25

207,999

17

20

35,88,309

510,722 1,03,15,649

	Wester	e Nára Distr	ICT.	Karácri	CANALS DIST	RICT.	Indus Ric	HT BANK DIVI	SION.
Description of Crops.	Car	nals and Bunds.		Car	als and Bunds.			Total.	
· ·	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	56	57	58	59	60	61	62	63	64
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif $ \begin{cases} $	137,876 102,551 8,770 168 4,876	15,03,806	31 15 17 19 29	170,116 1,238 35,703 11 6,381	7,96,160 5,963 2,60,566 83 33,356	5 5 7 8 5	604,808 520,117 128,040 1,005 82,120	1,38,00,233 1,12,11,726 26,36,375 30,491 17,64,169	23 22 21 30 21
Total	2 54,241	60,54,984	24	213,449	10,96,128	5	1,336,090	2,94,42,994	22
Rabi \begin{cases} \text{Wheat} & \text{Barley} & \text{Oil-seeds} & \text{Other crops} & \end{cases}	58,002	49,379 8,70,995 9,30,672	34 19 18 16	445 26,842 16,053 15,974	4,629 2,08,305 80,721 76,584	10 8 5 5	242,620 29,887 221,937 334,066	67,60,738 2,65,980 52,47,023 65,02,979	9 24 19
Total	170,370	39,61,963	23	59,314	3,70,239	6	828,510	1,87,76,720	23
Total under both Heads	4 24,611	1,00,16,947	24	27 <mark>2,7</mark> 63	14,66,367	5	<mark>2,16</mark> 4,600	4,82,19,714	22

		Jámra	O CANAL DISTI	RICT.		E	astern N	ARA DISTRICT.		
D	Description of Crops.		Jámráo Canal.		Nára	Supply Channe	el.	Es	stern Nára.	
		Area irrigated.	Estimated value.	Value per ·	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per
	1	65	66	67	68	69	70	71	72	73
	Gi	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
K harif	Rice Jowári Bájri Cotton Other crops	62,421 112,251	9,981 23,044 5,93,870 24,42,883 74,626	20 4 10 22 11	398 3 2 37	4,776 36 30 1,350	12 12 15 36	1,502 213 17,577 1,558 965	42,109 2,488 2,75,837 43,685 10,060	28 12 16 28 10
	Total	187,598	31,44,404	17	4 40	6,192	14	21,815	3,74,179	17
Rabi	Wheat Barley Oil-seeds Other crops	148 4,366	1,67,351 1,271 29,324 42,706	13 9 7 16	11,340 4 2,257 922	2,04,120 36 40,626 10,371	18 9 18 11	12,861 236` 32,447 23,396	3,72,897 3,363 2,88,307 2,58,609	29 14 9 11
	Total	20,337	2,40,652	12	14,523	2,5 5 ,153	18	68,940	9,23,176	13
Total	under both Heads	207,935	33,85,0 56	16	14,963	2,61,345	17	90,755	12,97,355	14

STATEMENT III-E-continued.

Ņ				LIABLUMN 11	ALL DIVISION	-continue	d.		
Description of Crops.	1	lithrao Canal.			Thar Canal.		Kh	ipra Canal.	
	Area irrigated.	Estimated value.	Value per scre.	Area irrigated.	Estimated value.	Value per scre,	Area irrigated.	Estimated value.	Value per acre.
1	74	75	76	77	78	79	80	81	82
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif $\begin{cases} \text{Rice} & \dots \\ \text{Jowári} & \dots \\ \text{Bájri} & \dots \\ \text{Cotton} & \dots \\ \text{Other crops} \end{cases}$	69,768 1,287 15,387 15,440 1,079	19,36,287 9,654 2,48,199 6,24,243 22,495	28 8 16 40 20	38,581 90 3,406 3,780 762	17,22,806 874 69,286 1,53,801 17,471	45 10 20 41 23	9 2,859 125 130	9 109 2,859 44,313 125 3,643	
Total	102,961	28,40,878	28	46,619	19,64,238	42	3,123	49,848	16
Rabi Wheat Barley Oil-seeds Other crops	5,906 79 272 1,933	1,35,538 824 2,064 23,642	23 10 8 12	436 151 1,835	14,100 1,193 10,292	32 8 6	914 1	1,225 8,229 12	29 9 12
Total	8,190	1,62,068	20	2,422	25,585	11	957	9,466	10
		00.00.010	977	49,041	19,89,823	41	4,080	59,814	15
Total under both Heads	111,151	30,02,946	27	45,041	10,00,020				
	111,151	Heran Canal.	21		ÁRA DISTRICT-			Total.	
Total under both Heads Description of Crops,	Area irrigated.		Value per acre.		ÁRA DISTRICT-				Value per acre.
	Атеа	Heran Canal.	Value per	EASTERN N	ARA DISTRICT-Hiral Canal.	Value per	d.	Total.	per
Description of Crops,	Area irrigated.	Heran Canal. Estimated value.	Value per acre.	Area irrigated.	Hiral Canal. Estimated value.	Value per acre.	Area irrigated.	Total. Estimated value.	per acre.
Description of Crops,	Area irrigated.	Heran Canal. Estimated value.	Value per acre.	Area irrigated.	Hiral Canal. Estimated value.	Value per acre.	Area irrigated.	Total. Estimated value.	per acre. 91
Description of Crops, 1 Rice Jowári Bájri Cotton	Area irrigated. 83 Acres. 14 918 137	Rs. 154 14,334-7,202	Value per acre. 85 Rs 11 16 53	Area irrigated. 86 Acres 101 9,400 5,038	Hiral Canal. Estimated value. 87 Rs. 1,428 54,635 88,175	Value per acre. 88 Rs 14 6 17	Area irrigated. 89 Acres. 109,851 2,112 49,550 26,080	Total. Ratimated value. 90 Rs. 37,01,202 19,483 7,06,640 9,20,779	91 Re. 35 9 14 35
Description of Crops. 1 Rice Jowári Bájri Cotton Other crops	Area irrigated. 83 Acres. 14 918 137 7	Rs. 154 14,334- 7,202 518	Value per acre. 85 Rs 11 16 53 74	Area irrigated. 86 Acres 101 9,400 5,038 311	Hiral Canal. Estimated value. 87 Rs. 1,428 54,635 88,175 5,621	Value per acre. 88 Rs 14 6 17 18	Area irrigated. 89 Acres. 109,851 2,112 49,550 26,080 3,291	Total. Retimated value. 90 Rs. 37,01,202 19,483 7,06,640 9,20,779 59,298	91 Re. 35 9 14 35 18
Rice Jowari Rabi Wheat Barley Wheat Barley Oil-seeds	Area irrigated. 83 Acres. 14 918 137 7 1,076	Rs. 154 14,334 7,202 518 22,208	Value per acre. 85 Rs 11 16 53 74 21 37	Area irrigated. 86 Acres. 101 9,400 5,038 311 14,850 385 11 308	Hiral Canal. Estimated value. 87 Rs. 1,428 54,635 88,175 5,621 1,49,859 3,736 97 2,158	Value per acre. 88 Rs 14 6 17 18 10 9 7	Area irrigated. 89 Acres. 109,851 2,112 49,550 26,080 3,291 190,884 30,972 330 36,349	Total. Retimated value. 90 Rs. 37,01,202 19,483 7,06,640 9,20,779 59,298 54,07,402 7,31,690 4,320 8,42,577	91 Re. 35 9 14 35 18 28

в 748—17

STATEMENT III-E-continued.

	•		Nort	HERN HYDE	RABAD CANALS	Distric	T.			
Description of Crops.	I	ad Canal.		Nasrat Canal.		Other Canals.				
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	
1	92	98	94	95	96	97	98	99	100	
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	
CRice	6,808	1,11,048	1.6	135	3,231	24	1,882	28,593	15	
1 7	35 ,116	3, 57,846	16 10	40,780	5 ,34,89 3	13	56,044	5,33,832	10	
171. 18 1 To / 1	36,841	6,77,540	18	22,289	3,85,436	17	1 5,465	2,49,782	16	
Cotton	7,811	2,27,230	29	20,467	6,13,614	30	303	6,882	$\frac{10}{23}$	
Other crops	6,825	1,87,939	27	2,821	60,669	22	3,444	86,486	25	
Total	93,401	15,61,603	17	86,492	15,97,843	18	77,138	9,05,575	12	
(Wheat	4,585	1,30,043	28	4,730	1,41,160	30	9,451	2,25,660	24	
) Damland	519	8,172	16	16	288	18	401	4,563	11	
Rabi Oil-seeds	20,123	4,30,944	21	32,216	3,57,198	11	7,639	1,25,361	16	
. Other crops	1,062	49,579	46	657	36,103	55	2,085	50,942	24	
Total	26,289	6,18,738	24	37,619	5,34,749	14	19,576	4,06,526	21	
Total under both Heads	119,690	21,80,341	18	124,111	21,32,592	17	96,714	13,12,101	14	
								·		
·	Northern Distr	Hyderabad C	ANALS		CENTRAL E	Iyderaba	d Canals D	ISTRICT.		
Description of Crops.		Total.		A	libh ar Kac heri.		Great Márak.			
· •	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Vaine per acre	
1	101	102	103	104	105	106	107	108	109	
		-			.]		-		-	

			ICT—concluded.	MALS		CENTRAL H	YD ERABA I	CANALS DI	STRICT.	
De	escription of Crops.		Total.		Al	ibh ar Kac heri.			Great Márak.	
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Vaine per acre
	1	101	102	103	104	105	106	107	108	109
	Gul	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice Jowári Bájri Cotton Other crops Total	8,825 131,940 74,595 28,581 13,090 257,031	1,42,872 14,26,571 13,12,7 5 8 8,47,726 3,35,094 40,6 5 ,021	16 11 18 29 26	147 973 7,600 2,283 234 11,237	2,646 13,178 1,21,106 69,816 8,664 2,15,410	18 14 16 30 37	737 2,509 35 ,639 20,446 1,781	27,266 29,144 5,34,345 6,70,932 63,677	37 12 15 33 36
Rabi	Wheat Barley Oil-seeds Other crops	18,766	4,96,863 13,023 9,13,503 1,36,624	26 14 15 36	24 206 88	792 5,565 839	33 27 10	422 3,927 609	13,438 1,05,148 16,662	32 ,,, 27 27
	Total	83,484	15,60,013	19	318	7,196	23	4,958	1,35,248	28
Total un	der both Heads	340 ,5 15	56,25,034	17	11,555	2,22,606	20	66,070	14,60,612	22

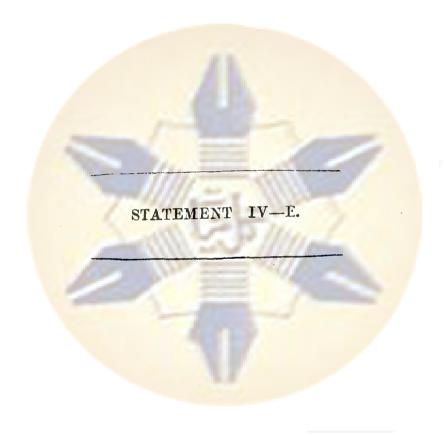
STATEMENT III-E-continued.

				CENTRA	L Hydbrabad (Canals Distric	T—concl	uded.		- .
Dec	cription of Crops.		Sarfraz.		Oi	ther Canals.			Total.	
	• .	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value por acre.
	1	110	111	112	113	114	115	116	117	118
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice Jowari Bájri Cotton Other crops	273 755 25,915 6,734 844	2,860 12,864 3,23,600 91,766 16,500	10 17 12 13 19	135 4,326 105,308 34,380 4,228	2,023 57,724 15,24,835 8,40,505 1,61,158	15 13 14 24 38	1,292 8,563 174,462 63,843 7,087	34,795 1,12,910 25,03,886 16,78,019 2,49,999	27 13 14 26 35
	Total	34,521	4,47, 590	13	148,377	25,86,245	17	255,247	45,74,609	18
Rabi	Wheat Barley Oil-seeds Other crops	372 1 2,157 882	12,299 12 40,677 44,689	33 12 19 50	3,484 2 9,610 4,685	1,09,837 48 2,42,590 1,76,204	31 24 26 38	4,302 3 15,900 6,264	1,36,366 60 3,93,980 2,38,394	32 20 25 38
	Tot <mark>al</mark>	3,412	97,677	28	17,781	5,28,67 9	30	26,469	7,68,800	29
Total ur	nder both Heads	87,983	5,4 5, <mark>267</mark>	14	166,158	31,14,924	19	281,716	53,43,4 09	18

				Fulbli Can	ALS DISTRICT.					
D	escription of Crops.		Fuleli Canal.		Hasanali Canal.					
	-	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per aere.			
	· Gu	119	2 120	121	122	123	124			
•	Ou	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.			
	(Rice Jowari	183,484 2,877	29,59,877 43,046	16 15	10,861 7 6	3,90,996 608	36 8			
harif	{ Bájri	115,012 20,927	18,48,827	16 11	4,928 207	78,848 828	16 4			
	Other crops	8,173	2,42,210 2,15,704	26	361	5,730	16			
	Total	330,473	53,09,664	16	16,433	4,77,010	29			
	(Wheat	8,169	2,75,446	34			******			
abi	Barley Oil-seeds	1,485 27,229	13,024 4,41,658	9 16	39 4 7 5	624 7,600	$\frac{16}{14}$			
	Other crops	12,809	2,60,687	20	179	5,010	28			
	Total	49,692	9,90,815	20	693	13,234	19			
Fota l ui	nder both Heads	3,80,165	63,00,479	17	17,126	4,90,244	29			

STATEMENT III-E—concluded.

			Fo	lbli Canals D	DISTRICT—concluded.		
Desc	ription of Crops.		Other Canals.			Total.	
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
	1	125	126	127	128	129	130
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Charif	Rice Jowári Bájri Cotton Other crops	9,363 133 9,365 706 436	2,71,958 1,844 1,61,382 15,534 11,749	29 14 17 22 27	203,708 3,086 129,305 21,840 8,970	36,22,831 45,498 20,89,057 2,58.572 2,33,183	18 15 16 12 26
*	Total	20,003	4,62,467	23	366,909	62,49,141	17
labi	Wheat Barley Oil-seeds Other crops	1,000 410 1,485 916	37,814 6,078 18,875 24,806	38 15 13 27	9,169 1,934 29,189 13,904	3,13,260 19,726 4,68,133 2,90,503	34 10 16 21
	Total	3,811	87,573	23	54,196	10,91,622	20
Total und	ler both Heads	23,814	5,50,040	23	421,105	78,40,763	17
		Total, In	DUS LEFT BANK DIVE	sion.	GEAN	d Total for Sind.	
Descr	iption of Crops.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
	1	131	132	133	134	135	13 6
harif .	Rice Jowari Bájri Cotton	Acres. 324,175 151,489 490,333 252,595	Rs. 75,11,681 16,27,506 72,06,211 61,42,979	Rs. 28 11 15 24	Acres. 928,983 671,606 618,373 253,600	Rs. 2,13,11,914 1,28,39,232 98,42,586 61,73,470	Rs. 23 19 16 24
	Other crops .	39,077 1,257,669	9,52,200 2,34,40,577	24 19	121,197 2,593,759	27 ,16,369 5,28 ,83, 5 71	22
abi .	Wheat Barley Oil-seeds Other crops	76,356 3,351 145,782 55,008	18,45,580 38,400 21,47,517 10,17,102	24 11 15 18	318,976 33,238 367,719 389,074	86,06,268 3,04,380 73,94,540 75,20,081	27 9 20 19
	Total	280,497	50,48,549	18	1,109,007	2, 38,25 ,2 69	21
otal under	both Heads	1,538,166	2,84,89,126	19	3,702,766	7,67,08,840	21



Gul Hayat Institute

STATEMENT

Comparative Statement of Irrigation and Rainfall

	Op	THE CIVIL DIS	rrict.		WORKS SUPPLYING IRRIGATION.	Culturable Area
Civil District.	Total Area in Acres,	Culturable Area in Acres,	Cultivated Area in Acres.	No.	Name.	commanded by the Irrigation Works in column 6 in Acres.
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Khelat	569,374	569,374	94,051 {	I 2	Desert Canal Begári Canal	101,493 180,000
				3	D 40 1	281,493 287,492
Upper Sind Frontier District.	1,651,760	1,235,375	501,043 -	5 6 7 8 9	Unharwáh Begári Canal Kashmor Bund Snkkur Canal Ghár Canal	287,492 214,056 416,887 32,000 52,158 52,111 4,119
					Total	1,058,823
ukkur Collector ate	3,471,785	1,817,030	460,578	10 11 12 13 14 15 16 17 18 19 20 21 22 23	Begári Canal Sind Canal Canals in Rohri Garang Canal Rajib Canal Chitti Canal Bunds in Rohri Sukkur Canal Ghár Canal Ghár Bunds Sukkur-Begári Bund Kásimpur Bund Nára Supply Channel	135,118 83,334 185,226 114,710 8,900 12,400 15,400 55,356 942 1,934 19,266 5,000 25,000
				24	Begári Canal	30
				25 26	Sind Canal Sukkur Canal	55,50
árkána Collector- ate.	3,257,600	921,954 Ha	836,450 yat	27 28 29 30 31 32 33 34 35 36 37	Ghar Canal Ghar Bunds Western Nára Western Nára New Feeder, Western Nára Pritchard Canal Wahnr Wah Marvi Wah Nára Bunds Dádu Canal Phitta Canal Manchar Aral	342,89 1,74 502,98 27,90 3,99 19,04 12,61 32,15 12,28 40,26 42,23
					Total	1,096,82
Ka ráchi Coll ect or ate.	- 5,348,707	1,230,884	291,289	39 40 41 42 43 44 45 46 47 48 49 51 52 53 54	Baghar Uchito Other Canals, Tatta, &c. Pinyári Canals in Mirpur Bathoro Canals in Sujáwal Canals in Jati Sattah Khanto Kokiwari Canals in Sháhbandar Bunds, Right Bank Bunds, Left Bank	14,600 18,33: 34,22: 106,04: 41,92: 22,74(140,31: 42,32 19,63 5,50 61,10 30,24 43,47 12,48 8,900 1,05
					Total	619,26

IV-E.

for the years 1907-1908 and 1908-1909 in Sind.

Area at present	!		ARRA IRRIGA	TED IN ACRES				RAI	NFALL.		
estimated as annually irrigated by	·	190 7-19 08			1908-1909.						Remarks.
the works specified in column 6.	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.	1907	-1<u>9</u>0 8.	1908-	1909.	
8	9	10	11	12	13	14		1 5	1	6	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins	cts.	Ins	. cts.	Excludes Kharábo and uncultivate areas assessed as under: Kharif, Rabi, Total,
65,000 3 0,000	21,819 23,199	7,04 8 14,829	28,867 38,028	29,490 23,905	30,957 9,699	60,447 33,604		5 71 5 7 1)	11 11	Acres. Acres. Acres. Acres. Desert Canal 3.093 4,031 7,114 Begari Canal 2,851 225 3,076
95,000	45,018	21,877	66,895	53,395	40,656	• 94,051					
{130,000 70,000 200,000 4,000 36,587 20,185 50	65,367 48,415 118,734 3,129 11,607 12,469	12,997 23,089 105,455 5,573 8,076 1,710	78,364 71,504 225,189 8,702 19,683 14,179	85,447 56,869 127,891 4,260 10,635 11,170 154	45,228 28,404 102,981 4,761 13,709 9,534	130,675 85,273 230,872 9,021 24,344 20,704 154	1	4 14 3 69 5 65 4 49 0 48	4	03	
460,822	259,721	157,900	417,621	296,426	204,617	501,043					
121,880 50,000 124,379 94,468 7,350 11,320 14,300	46,328 37 ,073 63,697 33 ,376 1,751 5,747 5,038	28,902 20,359 19,439 19,995 5,465 4,308 8,223	75,230 57,432 83,136 53,371 7,216 10,055 13,261	55,182 86,277 76,994 44,781 3,007 7,295 7,132	44,244 23,473 38,438 33,164 4,942 4,891 8,257	99,426 59,750 115,432 77,945 7,949 12,186 15,389	1	4 54 5 65 4 54		3 46 3 10	
46,149 550 1,634 17,000 4,000 23,000	21,757 151 336 3,877 561 312	10,116 27 307 7,110 1,838 8,222	31,873 178 643 10,987 2,399 8,534	22,887 179 537 6,302 650 440	15,579 213 515 8,907 2,469 14,523	38,466 392 1,052 15,209 3,119 14,963		3 45 3 45 4 5 4 5 4 5		2 16 2 16 2 16 3 46 3 46	
516, 030	220,004	134,311	354,315	261,663	199,615	461,278					
50 52,731 294,839 1,569 304,327 1,650 10,300	85 19 41,615 186,029 98 177,533 898 7,886	28,497 87,277 73 110,385 316 2,487	85 19 70,112 273,306 171 287,918 1,214 10,373	41 42,115 214,894 306 207,049 1,374 9,592	12 32,556 135,691 202 124,333 293 3,197	41 12 74,671 350,585 508 331,382 1,667 12,789		5 65 4 90 8 11 6 42		3 10 3 66 1 64 1 92	
1,613 4,300 7,935 12,000 12,000 18,000 15,000	729 1,712 1,455 5,477 4,698 1,624 2,112 431,970	1,513 2,059 2,096 1,545 1,096 10,367 4,625	2,242 3,771 3,551 7,022 5,794 11,991 6,737 684,306	1,085 3,500 3,548 8,024 4,837 2,948 4,897 504,210	1,672 2,337 1,949 4,424 2,256 13,180 10,138 332,240	2,757 5,837 5,497 12,448 7,093 16,128 15,035	}	8 59	t	11	ute
5,600 13,900 20,750 42,600 19,000 97,500 23,550 19,230 4,400 23,757 7,790 41,190 2,500 7,200 6,192 1,020	3,903 8,087 13,030 27,221 11,540 10,762 72,289 11,215 7,596 2,093 13,753 4,397 13,001 1,603 4,614 2,898 308	88 3,084 1,676 2,763 2,070 1,269 6,222 426 1,473 200 1,160 269 944 24 J,018 419 58	3,991 11,171 14,706 29,984 13,610 12,031 78,511 11,641 9,069 2,293 14,913 4,666 13,945 1,627 5,632 3,317 366	4,134 6,913 15,216 27,659 12,081 11,935 81,767 11,257 8,036 1,721 15,200 4,204 14,097 1,745 5,299 3,232 474	485 6,504 5,438 13,920 3,457 5,549 15,083 995 5,711 1,282 2,513 723 1,936 132 1,653 922 87	4,610 13,417 20,654 41,579 15,538 17,484 96,850 12,252 13,747 3,003 17,713 4,927 6,952 4,154 561		8 19 8 59 5 78 8 17 5 89 8 17 6 79 61 7 61 7 61 61 61 62 63 64 65 65 66 77 61 61 61 62 63 64 64 65 66 66 66 66 66 66 66 66 66 66 66 66	19 19 19 19 19 19 19 19 19 19 19 19 19 1	3 40 58 58 64 72 3 64 72 8 93 14 68 98 62 62 64 64 72 65 64 64 65 64 64 64 65 64 64 64 64 64 64 64 64 64 64 64 64 64	
352,129	208,310	23,163	231,473	224,970	66,390	291,360	,				

STATEMENT

	03	THE CIVIL DIS	rrict.		Works supplying	IRRIGATION.		Culturable Area commanded
Civil District.	Total Area in Acres.	Culturable Ares in Acres.	Cultivated Area in Acres.	No.	Naı	m e.		by the Irrigation Works in column 6 in Acres.
1	2	3	4	5		3		7
	Acres.	Acres.	Acres.		•			Acres.
Thar and Parkar Collectorate.	6,064,992	2,848,779	636,997	56 57 58 59 60 61 62 63	Jámráo Canal Eastern Nára Mithráo Canal Heran Canal Khipra Canal Thar Canal Hiral Canal Great Márak	*** 100 **** **** **** **** **** **** **** **** **** **** **** ****	**** *** *** *** *** ***	275,500 400,100 9,000 45,000
	.,			64	Gháro Mahmudo	•••	•••	40,000
				65	Kari Shumali	*** ***	***	26,000
		-				Tota	I	1,687,400
Hyderabad Collectorate.	5,139,48 6	* 3,092,269	1,091,879	66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82	Jámráo Canal Mehrabwáh Nasrat Canal Naulákhi Dámbro Dád Ren Alibhar Kacheri Great Márak Gháro Mahmudo Kari Shumali Nasirwah Sarfraz Other Canals Fuleli Canal Hasanali Canal Other Canals	Tota	000 000 000 000 000 000 000 000 000 00	319,000
	Of ton Ec.	44 ha 5 000	- 010 8					
	25,503,704	11,715,665	3,912,287			Grand Total	•••	9,208,389

· Exclusive of Jagir figures.

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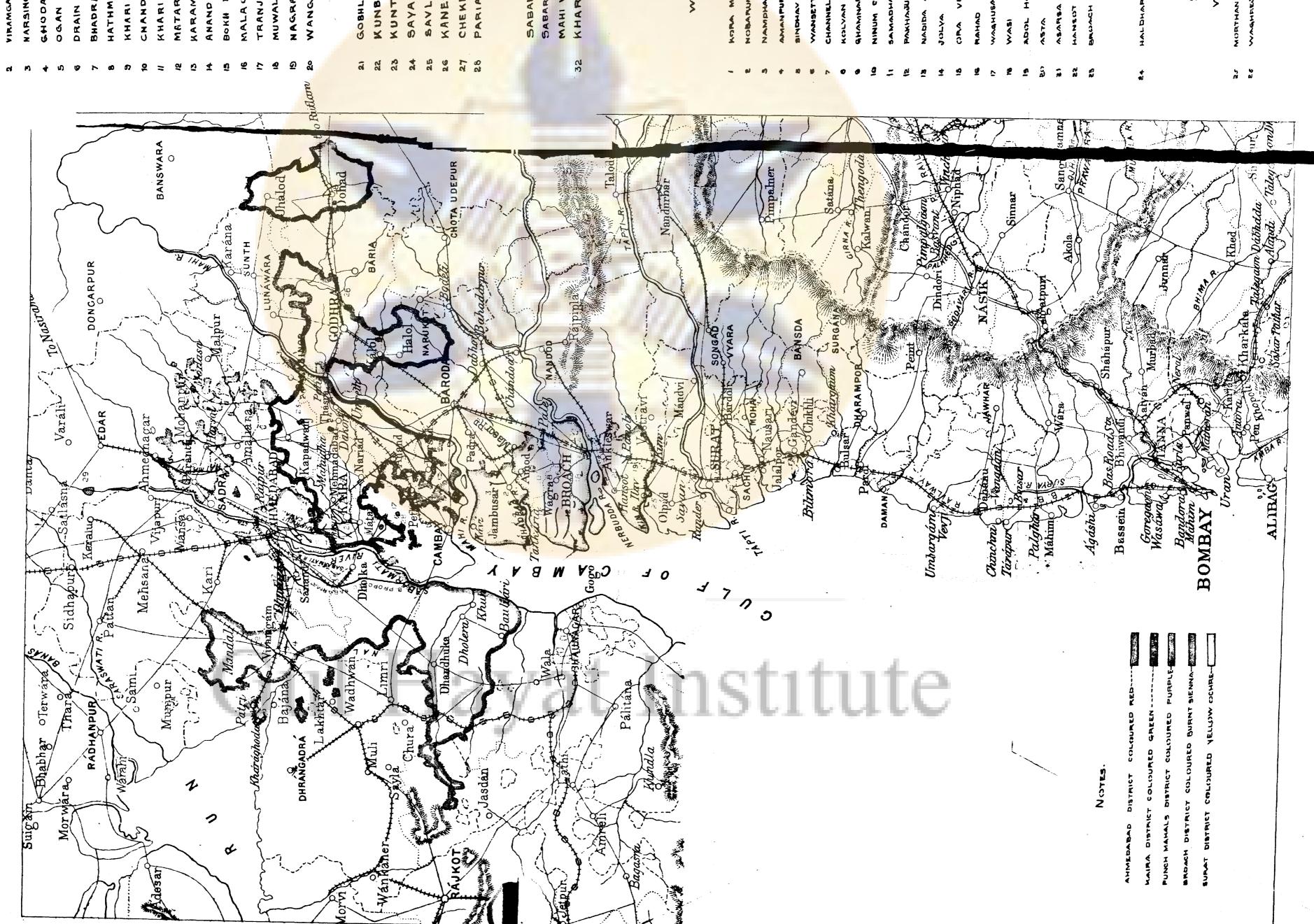
Ares at present			APRA IBRIGI	ted in Acre	8.		R	tain1	FALL.		
estimated as annually irrigated by the works		1907-1908,			1908-1909.			-			Remarks
specified in column 6.	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.	1907-190	08.	1908-1	909.	
8	9	10	11	12	13	14	15		16		17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins.	cts.	Ins.	cts.	
213,000 90,900 143,500 3,000 8,000 50,000 15,700	133,875 18,712 92,374 1,647 3,313 44,830 11,971 15,869	34,583 16,215 12,765 31 475 4,500 1,623 159	168,458 34,927 105,139 1,678 3,788 49,330 13,594 16,028	155,417 21,815 102,961 1,076 3,123 46,619 14,850 15,534	13,911 68,940 8,190 20 957 422 959	169,328 90,755 111,151 1,096 4,080 49,041 15,809 15,749	5 4 5 4 4 3	88 8 40 93 48 84 91 83	4 17 12 10 17 14 16 12	76 27 44 60 34 39 23 28	
Areas are shown opposite Hyder- sbadCol- lector-	5,326	149	5,475	5,782	174	5,956	9	20	20	8	
ate.	4,834	16	4,850	4,456	83	4,539	9	2 0	20	8	
524,100	332,751	70,516	403,267	371,623	95,871	467,504					ı
45,000 13,000 104,100 54,000 15,000 145,400 30,000 65,000 69,000 36,000 42,400 400,000 30,000	30,062 10,270 83,880 31,476 11,672 81,753 494 11,205 44,318 64,526 26,839 32,884 28,956 10,940 298,285 13,330 13,215	13,407 653 13,438 3,062 1,588 9,201 192 83 730 2,437 1,07 823 865 2,145 50,016 220 1,436	43,469 10,923 97,318 34,538 13,210 90,954 686 11,288 45,048 66,963 27,846 33,707 29,821 13,085 348,301 13,550 14,651	32,181 11,722 86,492 45,619 12,279 93,401 370 11,237 45,578 68,031 31,096 35,006 34,521 11,154 380,473 16,433 15,869	6,426 2,460 37,619 9,883 2,084 26,289 522 318 4,743 9,360 2,559 3,547 3,412 6,735 49,092 693 3,326	38,607 14,182 124,111 55,452 14,363 119,690 892 11,555 50,321 77,391 33,655 36,553 37,933 17,889 360,165 17,126 19,195	7 7 6 6 6 6 6 7 8 9 8 7 9	23 33 88 36 10 73 71 24 83 91 112 62 35 67 23	2 1 1 3 6 3 7 8 14 17 17 18 9 18 19	98 72 10 30 35 74 65 81 56 14 14 3 9 52 15 32	r
1,151,900	794,105	101,303	895,408	881,462	169,618	1,051,080					
3,836,345	2,291,879	761,4 06	3,053,285	2,593,759	1,109,007	3,702,766					

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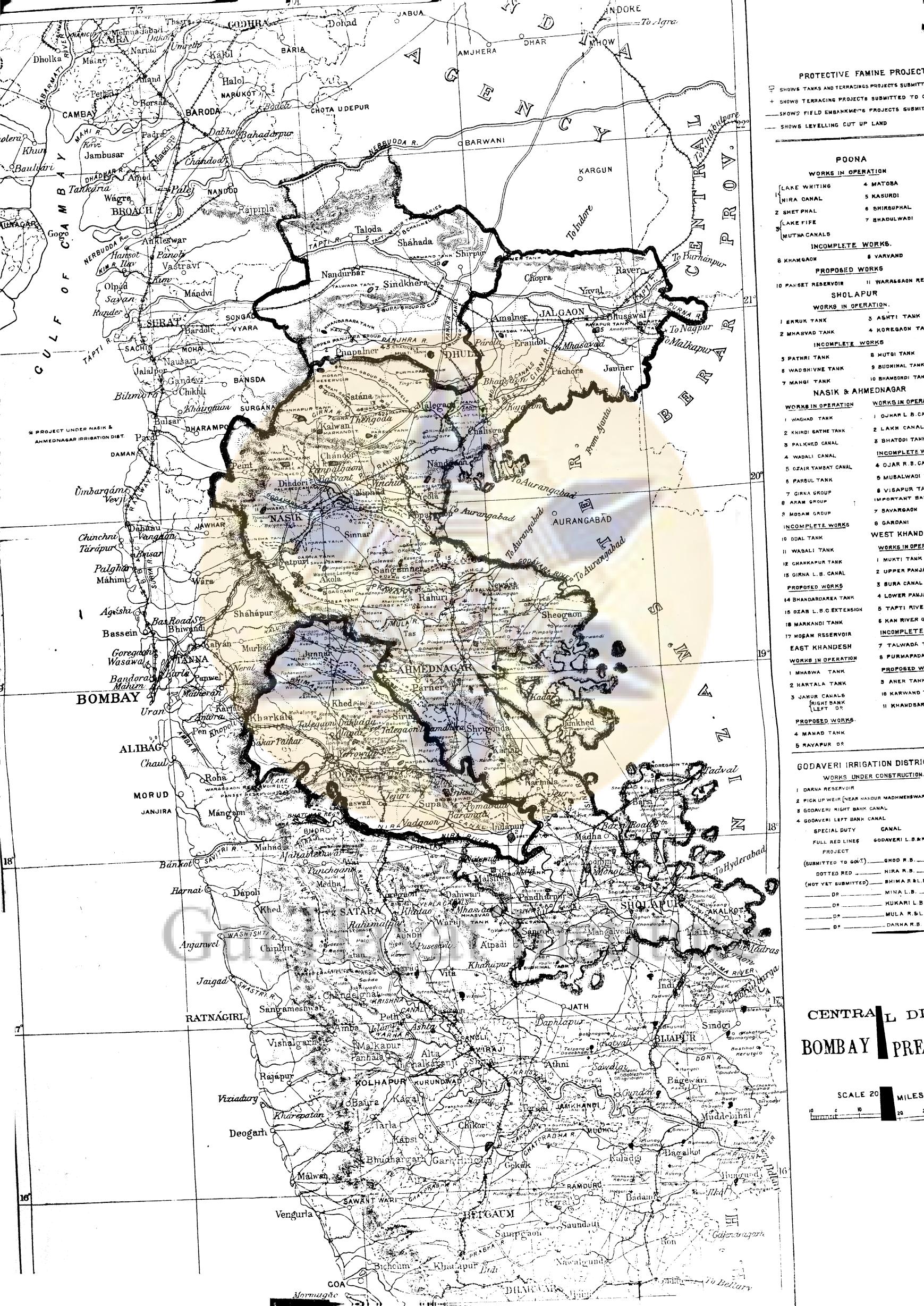
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PRESIDENCY BOMBAY

SCALE



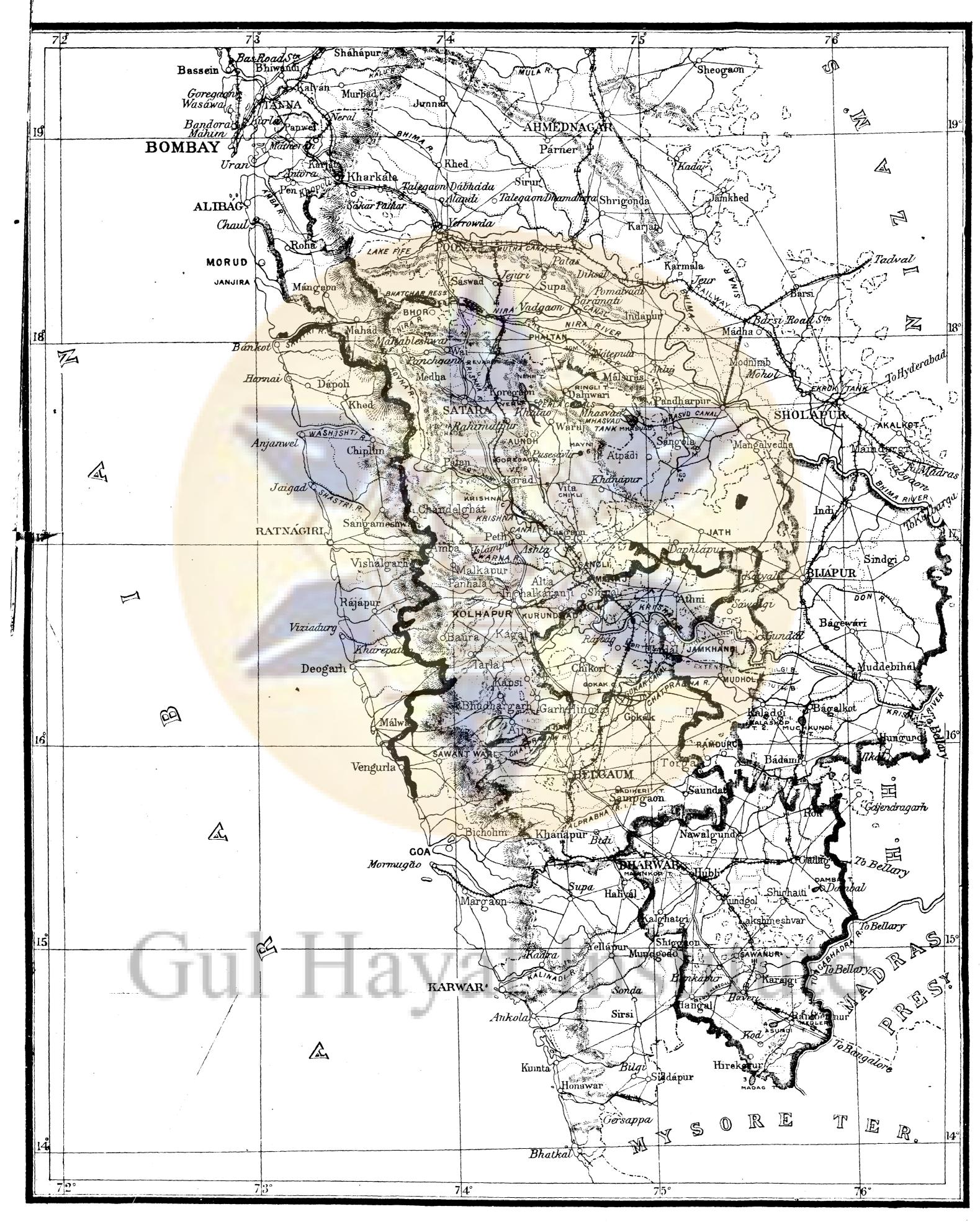
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SOUTHERN DIVISION

BOMBAY PRESIDENCY

SCALE 20 MILES TO AN INCH



SATARA.

WORKS IN OPERATION

- 1. KRISHNA CANAL
- 3 UPPER MAN RIVER WORKS (PINGLI TANK)
- 4. YERLA RIVER IRRIGATION WORKS (NEHR TANK) 5. CHIKHLI CANAL
- G. MAINI TANK.
- INCOMPLETE WORKS 7 GOREGAON TANK

BIJAPUR

WORKS IN OPERATION

I MUCHKUNDI TANK

INCOMPLETE WORKS.

2 HALASHOP TANK

PROPOSED WORKS (SHOWN IN MED) NIEA RIGHT BANK CANAL.

BELGAUM.

WORKS IN OPERATION

- I GADIKERI TANK.
- 2. GOKAK CANAL-141 SECTION AND STORAGE WORKS

PROPOSED WORKS (SHOWN IN RED)

- AJRA STORAGE
- DADDI STORAGE GUKAK CANAL EXTENSION.

DHARWAR IRRIGATION

- WORKS IN OPERATION
- I. DAMBAL TANK
- 2. MEDLERI TANK
- 3 MADAG TANK 4 ASUNDI TANK
- 5 MAVINKOP TANK 6. DHARMA AND NAREGAL CANALS. (2M CLASS)

PROPOSED WORKS (SHOWN IN RED)

MADAG CANAL EXTENSION

