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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No. / ~~U.P. No.~~	954	Press. / Mis.
Dated	11-3-1879.	19

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N.S.R.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

30th January 1879, No. 56 I.

Irrigation.

Read the following paper:—

No. 58. Proceedings of the Board of Revenue, dated 20th December 1878, No. 3,440.

From Lieutenant-Colonel J. O. HASTED, R.E., Acting Chief Engineer for Irrigation, to the Acting Secretary to the Board of Revenue, dated 3rd December 1878, No. 212-M.

With reference to Proceedings, Board of Revenue, No. 3,005, dated 8th November 1878, I have the honor to observe that the figures given in the statement therewith printed are approximate only, and to request you will be good enough to inform me when correct figures are likely to be forthcoming.

2. I have the honor further to request you will be good enough to inform me how the figures entered in column "Increased revenue during the year due to the work" have been arrived at, and what has been taken to be the "standard revenue" in each case.

3. I observe that the irrigated area under the Godavari Anicut does not apparently include the irrigation under Godavari canals in the Kistna District.

The figures given in the Board's Proceedings, dated 8th November 1878, No. 3,005, are only approximate, and the Board are unable to state when correct figures can be furnished. Statements showing actual figures are being prepared for the Godavari Anicut by the Director of Revenue Settlement, and he will be requested to state when they will be ready. As regards the other works correct figures can only be obtained after Government have settled the form of register in which the statements are to be prepared. The forms are now before Government.

2. The standard revenue taken in each case for Fasli 1286 is shown below:—

	Standard Revenue for Fasli 1286.
	Rs.
Godavari Anicut	14,13,020
Strivaikuntham Anicut	1,17,326
Pennair Anicut	1,06,277
Chembrambaukam Tank	33,549
Cauvery Delta, Upper Anicut	27,23,042
Do. Lower Anicut	3,01,391
Palar Anicut	60,560

The manner in which it was calculated for all works except the Palar and Strivaikuntham anicuts is briefly explained in the papers noted in the margin, and for the latter two works it was calculated almost on the same principle as that adopted for the Pennair anicut.

G.O., dated 20th May 1876, No. 1,268.
Board's Proceedings, dated 3rd September 1878, No. 2,443.
G.O., dated 3rd September 1877, No. 287 I.

3. The revenue shown against the Godavari anicut does not include that derived from the Godavari canals in the Kistna District. The amount involved however is small. It was only Rupees 18,000 in Fasli 1286.

(A true Copy and Extract.)

(Signed) J. STURROCK,
for Acting Secretary.

Proceedings of the Board of Revenue, dated 3rd September 1878, No. 2,443.

From W. WILSON, Esq., Acting Director of Revenue Settlement, on Special Duty, Irrigation Accounts, to the Acting Secretary to the Board of Revenue, dated Madras, 4th July 1878, No. 7.

I HAVE the honor, with reference to Board's Proceedings, No. 1,491, dated 4th June 1878, to submit two statements, the first showing in detail the revenue derived from lands irrigated under the Chembrambaukam tank from Fasli 1272 to Fasli 1286, both inclusive; the second the profit, calculated on the basis . remissions saved, due to the improvements executed in Faslis 1279-80.

2. Detailed accounts are available for only eight years prior to the completion of the works. It will be observed that the net revenue shown in Statement No. 1 differs more or less each year from that given in Board's Proceedings, No. 2,191, dated 25th August 1876.

The Tahsildar, from whose records the accounts now submitted were obtained, explains that the figures entered in the Proceedings of the Board were taken from the village accounts without comparison with those of the taluk.

3. The return due to the improvements has in Statement No. 2 been calculated on four different averages.

(1.) The average of the eight years prior to Fasli 1280.
(2.) Do. of the first five of these eight years.
(3.) Do. of the last five of these eight years.
(4.) Do. of the foregoing three averages.

It will be seen that the results of the calculations on the eight years' average and on the average of the three averages do not differ much from each other, nor from the results obtained by the Board's method of comparing the average revenue of the fifteen years preceding the execution of the improvements with the net revenue of each year subsequent thereto.

4. I have to observe that the "increased revenue" shown in the margin of paragraph 3 of the Examiner's letter, recorded in the Proceedings under notice, should appear as a *minus* quantity, that is as a debit against the improvements.

5. Another method of calculating the profit due to the improvements, and one that would perhaps give a nearer approximation to the truth than either of the other two, would be to compare the totals of revenue obtained in periods of equal length before and after their execution. The only thing to be guarded against in this method is that the period taken be not too short.

Taking the seven years immediately before and the seven years immediately after the execution of the works we find that in the former period the total revenue was Rupees 2,14,427, and in the latter Rupees 2,87,177. The difference Rupees 72,750 may be taken as the profit obtained in the first period of seven years after the works. That the improvements have increased the capacity of the tank and added to the revenue is manifest from the figures in Statement No. 1. The highest revenue derived from the tank before the execution of the works was Rupees 45,950 in Fasli 1274 when the tank got a full supply. The highest revenue after the works was Rupees 56,527 in Fasli 1282. In four of the seven years after the works the revenue exceeded the highest revenue obtained before them; the least excess was Rupees 6,164; the greatest Rupees 10,577. The value of the improvements in increasing the

capacity of the tank may be judged from the fact that in Fasli 1283, when there was no rain and the supply received by the tank in the year was but scant, the revenue obtained from it was Rupees 40,822, that is a revenue higher by Rupees 2,107 than the highest revenue obtained in any but two of the eight years prior to the works, and only Rupees 5,128 less than the highest revenue obtained from the tank when at its fullest before the improvements.

6. With reference to the concluding part of paragraph 3 of the Examiner's letter I have to observe that no allowance for survey and settlement is, so far as the figures up to Fasli 1286 are concerned, necessary. The settlement was introduced only from Fasli 1287. Nor does it seem necessary to make any deduction from the profit figures on account of decrease in the value of money because there is a compensation—the interest payable on such portion of the capital as may have been borrowed is paid in coin of depreciated value, and the principal would, if paid to-morrow, be also paid in the same.

ENCLOSURE No. 1.

No. 1.—Statement showing the Ayacut, Occupation, and Revenue under the Chembrambaukam Tank in the Chingleput District.

Faslis.		Government. Ayacut. Usual Wet. Extent.	Ayacut. Usual Wet. Assessment.	Occupation. Usual Wet. Extent.	Usual Wet. Assessment.	Usual Wet. Fasaljasti for 2nd Crop.	Dry converted into Wet. Extent.	Dry converted into Wet. Assessment. Old Dry Assessment.	Dry converted into Wet. Assessment. Additional Assessment on conversion.	Dry converted into Wet. Fasaljasti for 2nd Crop.	Miscellaneous Revenue. Extent.	Miscellaneous Revenue. Assessment.	Total. Extent.	Total. Assessment.	Total. Fasaljasti for 2nd Crop including additional Assessment for Dry converted into Wet.	Total. Total.
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		ACS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	RS.	ACS.	RS.	ACS.	RS.	RS.	RS.
Prior to the construction of the work.	1272..	9,242	50,233	7,625	39,085	1,541	19	35	75	..	..	..	7,644	39,120	1,606	41,726
	1273..	9,242	50,233	7,685	42,913	2,891	19	34	68	..	..	..	7,704	42,947	2,959	45,906
	1274..	9,242	50,233	7,917	43,787	3,762	32	62	119	..	..	..	7,949	43,849	3,881	47,730
	1275..	9,242	50,233	8,003	44,193	5,351	19	33	62	..	..	..	8,022	44,226	5,413	49,639
	1276..	9,242	50,233	7,611	42,614	3,711	106	266	232	..	..	..	7,717	42,880	3,943	46,823
	1277..	9,242	50,233	8,278	46,010	4,602	21	53	50	..	..	..	8,299	46,063	4,891	50,954
	1278..	9,242	50,233	8,257	46,470	2,613	16	33	37	..	9	..	8,283	46,513	2,650	49,163
	1279..	9,242	50,233	8,116	46,525	2,806	5	8	16	..	195	..	8,421	46,678	2,822	48,500
	1280..	9,242	50,233	8,368	46,421	4,615	59	179	259	..	153	..	8,527	47,008	5,174	52,182
	1281..	9,797	48,381	9,420	46,195	5,516	177	360	423	..	153	..	9,597	47,208	5,939	53,147
After the improvement of the work.	1282..	9,797	48,381	9,438	46,708	6,581	253	774	660	..	20	..	9,760	47,502	7,241	54,743
	1283..	9,797	48,381	9,448	46,736	8,056	149	386	418	6	48	11	9,608	47,170	9,111	56,281
	1284..	9,797	48,381	9,476	46,833	4,295	327	922	922	119	48	12	9,815	47,803	6,836	54,639
	1285..	9,797	48,381	9,478	46,780	4,078	82	211	312	24	47	7	9,607	47,098	4,411	51,452
	1286..	9,797	48,381	9,460	46,713	3,774	9	12	25	..	65	14	9,193	46,790	3,799	50,589

Statement showing the Ayacut, Occupation, and Revenue under the Chembrambaukam Tank in the Chingleput District—*continued*.

Faslis.		Inams. Irrigated. Usual Wet. Extent.	Usual Wet. Jodi or Quit-rent.	Usual Wet. Fasaljasti for 2nd Crop.	Dry converted into Wet. Extent.	Dry converted into Wet. Jodi or Quit-rent.	Dry converted into Wet. Fasaljasti for 2nd Crop.	Total. Extent.	Total. Jodi or Quit-rent.	Total. Fasaljasti for 2nd Crop.	Total. Total.	Total Government and Inam. Extent.	Assessment, Jodi or Quit-rent.	Fasaljasti including additional Assessment charged for Dry converted into Wet.	Total.	Deduct Remissions. Full waste. Extent.	Full waste. Assessment.	Waste out of Lands taken up on agreement to pay for two Crops whether irrigated or not. Extent.	Waste out of Lands taken up on agreement to pay for two Crops whether irrigated or not. Assessment.
		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
		ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	RS.	ACS.	RS.	RS.	RS.	ACS.	RS.	ACS.	RS.
Prior to the construction of the work.	1272..	889	272	101	..	..	..	889	272	101	373	8,533	50,392	1,707	52,099	2,909	7,739	24	103
	1273..	885	272	251	..	..	..	885	272	251	523	8,589	43,239	3,210	46,449	2,042	10,819	..	..
	1274..	1,235	573	319	..	..	..	1,235	573	319	897	9,184	44,625	4,200	48,725	124	510	29	189
	1275..	1,274	1,044	547	..	..	..	1,274	1,044	547	1,591	9,302	45,276	5,960	51,236	2,159	11,142	..	..
	1276..	1,504	1,154	371	..	..	..	1,504	1,154	371	1,525	9,221	44,134	4,314	48,448	102	473	..	..
	1277..	1,053	1,131	125	..	..	..	1,053	1,131	125	1,256	9,355	47,224	6,016	52,240	2,589	13,904	..	..
	1278..	829	1,148	24	..	..	..	829	1,148	24	1,172	9,212	47,660	2,674	50,334	3,459	18,496	..	..
	1279..	769	1,157	14	..	..	..	769	1,157	14	1,171	9,190	47,795	2,336	50,131	4,630	24,500	..	..
After the improvement of the work.	1280..	1,515	1,201	478	..	..	..	1,515	1,201	478	1,679	9,942	48,269	5,652	53,921	81	461	..	..
	1281..	1,728	1,225	682	..	..	..	1,728	1,225	682	1,907	11,325	48,433	6,621	55,054	6	31	..	..
	1282..	1,777	1,235	1,138	..	..	..	1,777	1,235	1,138	2,373	11,477	48,737	8,379	57,116	7	35	..	..
	1283..	1,703	1,227	974	..	..	..	1,703	1,427	974	2,201	11,311	48,397	10,088	58,485	1,002	4,891	..	..
	1284..	940	1,351	476	6	..	16	946	1,351	492	1,843	10,761	49,154	5,828	54,982	31	155	..	..
	1285..	948	1,321	184	1	..	3	949	1,329	187	1,516	10,516	48,367	4,601	52,968	4,056	19,331	..	..
	1286..	941	1,271	5	2	..	6	943	1,271	11	1,282	10,426	48,061	3,810	51,871	3,932	18,632	..	..

Statement showing the Ayacut, Occupation, and Revenue under the Chembrambaukam Tank in the Chingleput District—*continued*.

Fasli.	Deduct Remissions—*continued*.												Remarks
	Partial Waste.												
	Extent.	Assessment.	Remission on account of 2nd Crop raised under private Wells in Tanks situated under Tank.	Usual Remission allowed to Brahmins, Pagodas, and Villagers on Lands cultivated by them.	Assessment of Charitable Trees taken according to Rules.	Defect of Water.	Excess of Water.	Abatement in the Assessment on account of Salty of Village.	Dry Crop raised in the Wet Lands.	Other Causes.	Deducting on account of imperfect Irrigation for Dry cultivation into Wet.	Total.	Net Amount of Revenue.	
	35	36	37	38	39	40	41	42	43	44	45	46	47	
	Acs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1272 ..	..	..	1,515	..	..	6,953	..	..	..	212	..	10,580	36,743	Failure of later rains. Three months' supply
1273 ..	1	1	1,515	103	14	..	14	..	13	..	..	12,118	31,661	Do. of rains. Six months' supply.
1274 ..	3	3	1,515	103	14	..	14	..	..	..	..	2,775	15,050	Good year. Full supply.
1275 ..	13	13	202	221	14	225	641	..	15	..	..	12,791	38,715	Adverse nature of season. Six months supply.
1276 ..	..	..	1,402	139	..	95	123	8	..	10	..	2,785	15,033	Good year. Full supply.
1277 ..	61	534	1,402	99	..	10,313	564	..	..	1,07	..	26,963	23,979	Failure of rains. One and a half months supply.
1278 ..	82	313	2,073	43	4	15,192	101	..	8	21	..	37,248	13,095	Unfavorable nature of the season. Three months' supply.
1279 ..	98	431	2,149	47	5	11,233	..	..	11	4	..	33,331	11,537	Partial failure of north-east monsoon.
1280 ..	..	..	1,176	121	5	..	41	..	5	..	..	1,807	59,114	Improvements completed. Good year. Rain 41·24.
1281 ..	1	4	125	73	9	4	95	..	..	..	..	271	51,783	Good year. Rain 47·09.
1282 ..	..	..	..	111	9	..	111	..	..	..	..	503	50,527	Do. Do. 78·14.
1283 ..	161	718	251	94	20	11,259	217	..	..	..	..	17,063	40,122	Failure of early rains. Rain 26·66. Reservoir ambat not repaired till late in the season. Supply defective. Crop withered.
1284 ..	13	60	530	65	23	..	161	..	..	..	61	1,022	51,960	Good year.
1285 ..	462	1,889	1,455	21	237	8,694	182	..	113	..	55	32,643	20,013	Drought and Famine.
1286 ..	375	1,668	1,479	6	230	13,013	..	..	2,703	..	..	43,819	8,052	

MADRAS,
4th July 1878.

(Signed) W. WILSON,
Ag. Director of Revenue Sett.,
on Special Duty, Irrigation Account.

PUBLIC WORKS DEPARTMENT, 30TH JANUARY 1879, No. 56 I. 7

ENCLOSURE No. 2.

No. 2.—Statement showing the Revenue due to the Chembrambaukam Tank in the Chingleput District.

—	Usual Wet Revenue.	Total Revenue.	Amount of Remissions.	Net Revenue.	Percentage of Remissions on usual Wet.	Percentage of Remissions on Total Revenue.
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.		
Total of 8 years, 1272—79	3,89,712	3,99,662	1,48,492	2,51,170	..	..
Do. of first 5 years, 1272—76	2,40,956	2,46,957	45,885	2,01,072	..	..
Do. of last 5 years, 1275—79	2,44,625	2,52,359	1,17,913	1,34,446	..	..
Average of 8 years	48,714	49,953	18,562	31,390	38·1	37·16
Do. of first 5 years	48,191	49,391	9,117	40,214	19·04	18·53
Do. of last 5 years	48,925	50,473	23,583	26,863	48·2	46·72
Total ..	1,45,830	1,49,827	51,323	98,505	..	..
Average of 3 Averages	48,610	49,942	17,107	32,835	39·19	34·25

PROFITS.

Years.	GOVERNMENT.										Total.	INAM.			Total Government and Inam.
	Usual Wet.				Dry converted into Wet.			Miscellaneous.							
	Gross Revenue.	Remissions to be granted.	Actual Remissions.	Saving on Remissions.	Additional Revenue and Fasaljasti minus Remissions.	Deduct similar Revenue received before construction of Work.	Remainder.	Receipts.	Deduct similar Revenue received before construction of Work.	Remainder.		Total Fasaljasti exclusive of Remissions.	Deduct similar Revenue received before construction of Work.	Remainder.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
						Calculated on the Average of eight years.									
1280	51,336	19,659	1,807	17,752	259	87	172	468	14	454	18,378	478	219	259	18,637
1281	52,011	19,616	271	19,345	423	87	336	153	14	139	20,020	682	219	463	20,483
1282	53,289	20,303	589	19,714	660	87	573	20	14	6	20,293	1,138	219	919	21,212
1283	55,432	21,120	17,663	3,457	418	87	331	48	14	34	3,822	974	219	755	4,577
1284	51,128	19,480	961	18,519	980	87	893	48	14	34	19,445	492	219	273	19,719
1285	50,858	19,377	31,994	—12,617	281	87	194	47	14	33	—12,330	187	219	— 32	—12,122
1286	50,487	19,256	43,819	—24,583	25	87	— 62	65	14	51	—24,594	11	219	—208	—24,802
						Calculated on the Average of first five years.									
1280	51,336	9,771	1,807	7,967	259	111	148	468	..	468	8,583	478	318	160	8,743
1281	52,011	9,903	271	9,632	423	111	312	153	..	153	10,097	682	318	364	10,461
1282	53,289	10,146	589	9,557	660	111	549	20	..	20	10,126	1,138	318	820	10,946
1283	55,432	10,551	17,663	— 7,109	418	111	307	48	..	48	— 6,754	974	318	656	— 6,098
1284	51,128	9,735	961	8,774	980	111	869	48	..	48	9,691	492	318	174	9,865
1285	50,858	9,683	31,994	—22,311	281	111	170	47	..	47	—22,094	187	318	—131	—22,225
1286	50,487	9,613	43,819	—34,206	25	111	—86	65	..	65	—34,227	11	318	—307	—34,534
						Calculated on the Average of last five years.									
1280	1,336	24,743	1,807	22,936	259	87	172	468	23	445	23,553	478	216	262	23,815
1281	52,011	25,099	271	24,798	423	87	336	153	23	130	25,264	682	216	466	25,730
1282	53,289	25,685	589	25,096	660	87	573	20	23	— 3	25,666	1,138	216	922	26,588
1283	55,432	26,718	17,663	9,055	418	87	331	48	23	25	9,411	974	216	758	20,169
1284	51,128	24,643	961	23,682	980	87	893	48	23	25	24,600	492	216	276	24,876
1285	50,858	24,513	31,994	— 7,481	281	87	194	47	23	24	— 7,263	187	216	— 29	— 7,292
1286	50,487	24,331	43,819	—19,185	25	87	—62	65	23	42	—19,305	11	216	—205	—19,710

PROFITS—*continued.*

Years.	GOVERNMENT.										Total.	INAM.			Total Government and Inam.
	Usual Wet.				Dry converted into Wet.			Miscellaneous.							
	Gross Revenue.	Remissions to be granted.	Actual Remissions.	Saving on Remissions.	Additional Revenue and Fasaljasti minus Remissions.	Deduct similar Revenue received before construction of Work.	Remainder.	Receipts.	Deduct similar Revenue received before construction of Work.	Remainder.		Total Fasaljasti exclusive of Remissions.	Deduct similar Revenue received before construction of Work.	Remainder.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
						Calculated on the Average of three Averages.									
1280	51,336	18,065	1,807	16,258	259	95	164	468	12	454	16,876	478	151	327	17,203
1281	52,011	18,303	271	18,032	423	95	328	153	12	141	18,501	682	151	531	19,032
1282	53,289	18,752	589	18,163	660	95	565	20	12	8	18,736	1,138	151	987	19,723
1283	55,432	19,507	17,663	1,844	418	95	323	48	12	36	2,203	974	151	823	3,026
1284	51,128	17,992	961	17,031	980	95	885	48	12	36	17,952	492	151	341	18,293
1285	50,858	17,897	31,994	—14,097	281	95	186	47	12	35	—13,876	187	151	36	—13,840
1286	50,487	17,767	43,819	—26,052	25	95	—70	65	12	53	—26,069	11	151	—140	—26,209

MADRAS,
4th July 1878.

(Signed) W. WILSON,
Ag. Director of Revenue Sett.,
on Special Duty, Irrigation Accounts.

SUBMITTED to Government in continuation of Board's Proceedings, dated 4th June 1878, No. 1,491.

2. The figures now given by the Acting Director as the revenue derived from the Chembrambaukam tank differ as shown below from those previously reported to Government in Board's Proceedings, dated 5th November 1877, No. 4,921, and 1st December 1877, No. 5,131; the latter were based on the Collector's returns:—

			As formerly reported by the Collector.	As now reported by the Acting Director.
			RS.	RS.
Prior to the construction of the work.	Fasli	1272 ...	31,055	36,743
	"	1273 ...	30,725	34,001
	"	1274 ...	42,338	45,959
	"	1275 ...	37,189	38,715
	"	1276 ...	46,316	45,663
	"	1277 ...	25,555	25,275
	"	1278 ...	13,608	13,086
	"	1279 ...	12,834	11,737
	"	1280 ...	43,131	52,114
Subsequent to the work ...	"	1281 ...	52,790	54,783
	"	1282 ...	55,078	56,527
	"	1283 ...	40,255	40,822
	"	1284 ...	51,891	53,960
	"	1285 ...	19,176	20,919

The figures now given are stated to be correct, but the Board are not disposed to place implicit reliance on them unless verified by an account prepared on some such method as that recommended for adoption by the Board in their Proceedings, dated 30th July 1878, No. 2,103.

3. Regarding the cost of collection and distribution of water the Board have nothing to add to the remarks in their Proceedings, dated 4th June 1878, No. 1,491.

4. As already pointed out by the Board in their Proceedings just mentioned no allowance need be made on account of indirect influences on the revenue, and as regards increase in the assessment by the survey and settlement no allowance need be made up to Fasli 1286, as the settlement was introduced only in Fasli 1287. In computing the allowance the calculation should be made in the manner pointed out in paragraph 27 of the Memorandum of the Irrigation Conference, embodied in G.O., dated 6th July 1876, No. 912. The Board agree with the Acting Director in thinking that no allowance is necessary on account of the fall in the value of money. It is a loss that has occurred irrespective of the work and could not have been avoided if Government had not invested their capital in the work.

Faslis.	Total Revenue.	Deduct Standard Revenue.	—
	RS.	RS.	RS.
1281 ...	52,799	33,480	+ 19,319
1282 ...	55,078	33,549	+ 21,529
1283 ...	40,255	33,549	+ 6,706
1284 ...	51,890	33,549	+ 18,341
1285 ...	19,177	33,549	— 14,372

The Acting Director's remark in paragraph 4 of his letter read above is applicable only to the revenue shown against Fasli 1285. The figures entered against other years indicate profit and not loss.

(True Copies and Extract.)

(Signed) C. A. GALTON,
Acting Secretary.

No. 59. ORDER THEREON, 30th January 1879, No. 56 I.

COMMUNICATED to the Examiner of Public Works Accounts and the Superintending Engineers concerned.

(True Extract.)

Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Examiner of Public Works Accounts.
" Superintending Engineers concerned.
" Chief Engineer for Irrigation.
" Revenue Department.
" Board of Revenue.

Exd. C. Howarth.
Spare Copies

Chancery Dept

No 2026.

IRRIGATION.

Cobl. of (1879) 5 Chas.

PUBLIC WORKS.

Mins 4/11 March 17 9.30 959

The EXAMINER of PUBLIC WORKS
ACCOUNTS.
&c., &c., &c.

Read January 1879.

Read
6 March

2 Co. 32d. January 1879, No. 55 I.

SANITARY.

Nos. 52-59.

Lawyers of Records &c. to certain Irrigation Works &c. &c. Minutes Proceedings—Proceedings, Bond of Reverse, furnishing information respecting —, communicated to the Examiner of Public Works Accounts and the Superintending Engineers concerned.

No 954
Lodged
11 March 79.