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MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 2887-88	Press Mis.
550-52	
Dated 30. 11	1820.

Not to be folded or roughly handled

11

Proceedings of the Madras Government, Public Works Department,
30th November 1870.

No. 550. Read the following letter from the Acting Superintending Engineer,
5th Division, to the Secretary to Government, Public Works Department,
dated Cuddalore, 4th November 1870, No. 165 :—

With reference to paragraph 5 of G. O. No. 3,880, of the 10th December 1869,

1 Revised Statement, South Arcot.
1 Statement, Trichinopoly District.

I have the honour to forward herewith
two revised statements of the estimated
increase of revenue that can be derived

from the construction of the Palandoray anicut across the Vellaur in the South
Arcot District.

Proceedings of the Madras Government,

Statement showing Villagewar, the estimated increase that may be derived

Number.	Village.	Tank or other sources of irrigation.	AVERAGE EXTENT OF WET CULTIVATION.				EXTENT OF DRY WETTED	
			Extent.	Assessment.	Average collection for 10 years.	Increase of assessment proposed.	Extent.	Present Assessment.
1	2	3	4	5	6	7	8	9
			A. D.	RS. A. P.	RS. A. P.	RS. A. P.	A. D.	RS. A. P.
1	Cosbah Palliam-cottah.	Mother Channel of Pelandoray Anicut	23 41	121 10 8	107 3 0	...	1,402 92	2,177 5 0
2	Suvaliyem ...	Chinnagoodi Tank, dependent on the above.	...	...	...	...	33 85	84 10 0
3	Nachappettah ...	Arasen Tank, do. do.	20 5	91 9 4	81 14 0	...	21 50	47 4 0
4	Sreemoo-hinum.	Mother channel, do. do.	23	67 10 4	58 4 2	...	94 39	94 7 4
5	Mole Poolengoody.	Pillai Tank 1, do. do.	169	303 4 4	265 14 4	...	132 96	132 15 4
6	Anji Varaha Peramal Totum.	Sarahi Tank 1, and a branch Channel to Keel Poolengoody.	...	...	...	...	...	...
7	Sora Vairutha Nelloor.	Mother Channel ...	8 94	16 0 11	16 0 11	...	184 72	184 13 3
8	Ternattattum ...	Branch Channel of Vukaramary Tank.	7 7	29 4 0	24 15 6	...	2 15	4 9 9
9	Koonamungalam.	Do. do. ...	215 54	1,013 1 0	932 9 0	...	27 73	32 2 10
10	Sreepoothoor ...	Mother Channel, dependent on the above 1, Peria Tank 1, and branch Channel of Keel Poolengoody.	...	...	...	...	453 61	621 15 0
11	Keelpooliyengoody.	Peria Tank dependent on the above 1, and branch channel of Koonamungalam Peria Tank	39 37	166 12 0	156 2 9	...	212 0	484 0 0
12	Elangoolum ...	Branch Channel of Koonamungalam Peria Tank dependent on the above 1, Totus Tank 1.	108 73	463 15 11	463 15 11	...	221 13	482 10 5
13	Kunnippady ...	Branch Channel from Koonamungalam Tank dependent on the above.	...	...	...	...	352 50	618 11 0
14	Nacarpady ...	Do. do. ...	...	...	...	...	300 75	585 13 0
15	Salavary ...	Branch Channel of Koonamungalam Tank 1, dependent on the above do. do. of Vukaramary Coonathory 1, and Seminary Tank 1.	92 7	411 14 0	273 11 4	...	885 57	699 9 0
16	Sreemoodoorjary.	Peria Tank dependent on the above 1, Branch Channel of Koonamungalam Tank 1, and do. do. of Teathampattam Tank 1.	60 96	102 7 5	117 5 3	...	167 44	197 13 0
17	Venrattamoodrum.	Peria Tank dependent on the above 1, Branch Channel of Koonamungalam Tank 1, and do. do. of Teathampattam Tank 1.	135 3	491 12 8	416 8 5	...	435 75	645 0 0
18	Amboogevully Pettah.	Mother Channel dependent on the above	27 2	70 8 1	61 8 1	...	174 97	184 12 5
19	Poondy ...	Branch Channel from the channel of Koonamungalam Tank dependent on the above do. do. 1, and Poondy Tank 1.	...	...	...	...	207 75	301 15 11
20	Kokarnampottah.	Channel running from Rajanthrapattanam Tank to Muthalir Muthiem village in Chinnathampattam dependent on the above.	43 15	141 5 0	94 2 0	...	157 63	313 3 0
21	Muthalir Muthiem.	Channel running from Rajanthrapattanam Tank and on the borders of Chinnathampattam dependent on the above.	23 79	94 13 0	65 11 4	...	41 4	60 9 0
22	Muthalir Muthiem.	Channel running from Rajanthrapattanam Tank and on the borders of Chinnathampattam dependent on the above.	6 51	23 13 2	21 3 0	...	212 41	323 13 0

Public Works Department, 30th November 1870.

from the Palandoray Anicut in the Chedumbrum Talook for Fusly 1280.

CULTIVATION TO BE COM- INTO WET.			GOVERNMENT WASTE LAND TO BE BROUGHT UNDER CULTIVATION.			UNASSESSED FORUM- BORE LAND.			INCREASE OF REVENUE TO BE EFFECTED BY THE PROPOSED WORK.			Remarks.
Average col- lections for the last 10 years.		Increase of assessment by the new irrigation.		Extent.	Assessment including water-tax.	Extent.	Average assessment and water- tax.	Total ex- tent— <i>Vide</i> Columns 4, 8, 12, and 14.	Total assessment — <i>Vide</i> Co- lumn 11, 13, and 15.			
10	11	12	13	14	15	16	17	18				
RS. A. P.	RS. A. P.	A. D.	RS. A. P.	A. D.	RS. A. P.	A. D.	RS. A. P.	A. D.	RS. A. P.			
2,036 2 0	5,260 15 2	157 82	818 5 2	...	...	1,583 65	6,109 4 4			Certain area of lands now under wet cultivation, the assessment of which on an average is Rupees 4 per acre, and the source of irrigation of which is at present uncertain or insufficient, and which can be irrigated with the proposed new anicut channel, has been included in this statement. But Column 7, headed "Increase of assessment proposed," is left blank. As regards these lands it is not possible now to estimate the amount of such increase.		
77 11 5	126 15 0	...	...	...	...	33 85	126 15 0					
45 4 0	118 2 0	0 44	1 15 4	...	...	52 29	120 1 4					
90 10 10	354 0 0	8 90	42 0 3	...	...	131 72	336 0 3					
128 0 2	498 10 0	...	...	...	...	242 47	498 10 0					
184 13 3	692 11 0	7 10	32 13 5	...	...	195 73	725 8 5					
4 2 4	8 1 0	11 36	46 6 0	...	...	20 58	54 7 0					
82 2 10	103 0 0	...	...	...	...	27 73	103 0 0					
589 9 0	1,701 1 0	10 15	53 8 0	...	...	679 30	1,754 4 0					
428 4 10	907 8 0	1 0	4 0 0	...	...	283 85	911 8 0					
412 10 6	829 4 0	...	...	...	...	329 89	829 4 0					
500 8 1	1,359 6 0	...	...	...	...	362 50	1,359 6 0					
416 8 4	1,127 13 0	...	...	...	...	300 75	1,127 13 0					
479 7 2	1,445 14 3	108 5	559 9 9	...	...	592 69	2,005 9 0					
147 8 6	627 14 6	31 22	129 10 10	...	...	259 62	759 9 4					
598 12 0	1,634 1 0	4 75	23 11 0	...	...	575 53	1,657 13 0					
177 3 5	656 2 3	7 65	23 8 5	...	...	209 64	679 10 8					
879 5 0	778 2 9	3 11	17 11 7	...	...	210 89	793 14 4					
365 10 0	741 1 0	21 43	114 6 0	...	...	263 52	855 7 0					
74 8 0	153 12 0	67 97	316 14 0	...	...	132 71	500 10 0					
825 1 10	908 15 0	84 97	129 0 1	...	...	284 19	1,037 15 1					

Proceedings of the Madras Government,

Statement showing Villagewar, the estimated increase

Number.	Village.	Tank or other sources of irrigation.	AVERAGE EXTENT OF WET CULTIVATION.				EXTENT OF DRY VALUED	
			Extent.	Assessment.	Average collection for 10 years.	Increase of assessment proposed.	Extent.	Present Assessment.
1	2	3	4	5	6	7	8	9
			A. D.	RS. A. P.	RS. A. P.	RS. A. P.	A. D.	RS. A. P.
22	Esanoor	Branch Channel of Rajanthraputtanam Tank and on the borders of Channathancoorichi dependent on the above.	...	...	...	...	310 14	504 5 0
23	Thathamputtoo.	Kora Tank 1, Yeringa Tank 1, and Head Channel 1 dependent on the above.	57 25	229 2 0	225 13 2	...	253 99	314 12 4
24	Anthoor	With the above support Cuney Channel flowing from Rajanthraputtanam Tank to Kockara-nappettah.	...	...	...	...	123 69	223 6 10
25	Sreesathamungalam.	Mother Channel with the above support.	15 1	33 11 10	80 13 10	...	106 2	125 14 2
26	Moodycundanelore.	With the above support, the channel flowing from Nacharpettah to Koomaragoody.	...	...	...	...	599 0	1,455 3 7
27	Paroor	With the above support channel flowing from Cuncor great tank to Thandassara Nelloor 1, Ponliyan Tank in do. village, and Chithary Tank 1.	...	...	...	...	663 57	2,109 2 8
28	Kavalkoody	With do. do. channel flowing from Nacharpetta to Coomaraagoody 1, Peria Tank 1.	...	...	...	...	678 85	1,543 3 1
29	Valasaccadoo	With do. water of Peria Pandian Tank.	...	...	...	...	269 77	724 6 10
30	Valakoolum	With do. do. of Karungan do.	...	...	...	...	140 23	321 3 8
31	Pannavali	With do. water of Chinna Pandian do.	...	...	...	...	75 47	135 8 5
32	Coomaraagoody	With the above support, the channel running from Nacharpetta Tank.	...	...	...	...	335 8	1,082 13 0
33	Nangagoody	With do. the channel flowing from Cuncor Tank.	...	...	...	...	309 79	790 5 7
34	North Colunda-velacum.	With do. the channel coming from Nachar Pettah.	...	...	...	...	305 65	761 3 0
35	Cuncor	With do. Peria Tank 1, and Chingai Tank.	94 53	465 2 7	411 3 5	...	561 53	1,103 4 9
36	Sree Vackara-mary	With do. channel of Koonnabera Tank.	120 7	441 4 11	265 12 0	...	202 8	350 12 0
37	Coogarathar	With do. Branch Channel of Nacharpetta.	...	...	...	...	350 36	702 14 0
38	Narharwar-mungalam.	With do. channel coming from Cuncor Tank 1, and do. from great Pandyan Tank in Valasaccadoo.	...	...	...	...	780 25	1,894 14 6
39	Veshupantloor.	With do. channel coming from Cuncor great tank.	...	...	...	...	241 13	541 8 3
40	Thoo'yathanium	With do. channel coming from Pandyan great tank in Valasaccadoo.	...	...	...	...	114 35	235 11 0
41	Koorinjepady	With do. Branch Channel flowing from Peria Tank 1, do. do. from great Pandyan Tank of Valasaccadoo 1.	...	...	...	...	309 6	739 13 2
42	Thandassara Nelloor.	With do. do. Branch Channel of Cuncor.	...	...	...	...	211 89	529 11 1

Public Works Department, 30th November 1870.

that may be derived from the Pelandoray Anicut, etc.—(Continued.)

CULTIVATION TO BE CON- INTO WET.		GOVERNMENT WASTE LAND TO BE BROUGHT UNDER CULTIVATION.		UNASSESSED FORUM-BORE LAND.		INCREASE OF REVENUE TO BE EFFECTED BY THE PROPOSED WORK.		Remarks.
Average col-lections for the last 10 years.	Increase of assessment by the new irrigation.	Extent.	Assessment including watertax.	Extent.	Average assessment and water-tax.	Total ex-tent—Vide Columns 4, 8, 12, and 14.	Total assess-ment—Vide Columns 11, 13, and 15.	
10	11	12	13	14	15	16	17	18
RS. A. P.	RS. A. P.	A. D.	RS. A. P.	A. D.	RS. A. P.	A. D.	RS. A. P.	
478 1 0	1,163 0 0	67 0	875 11 0	...	...	377 14	1,538 14 0	
311 15 4	952 7 4	1 28	5 2 0	...	...	812 53	957 9 4	
216 4 10	463 13 8	...	...	...	...	123 69	463 13 5	
119 5 8	397 9 2	21 57	116 7 0	...	...	142 68	514 0 2	
1,355 4 0	2,242 13 0	...	...	...	...	598 9	2,242 13 0	
2,007 14 5	3,234 10 2	6 83	42 7 1	...	...	869 40	3,277 1 3	
1,541 7 2	2,545 12 7	6 90	41 2 5	...	...	685 78	2,586 15 0	
704 3 10	1,036 10 3	7 87	49 3 0	...	...	297 64	1,135 13 8	
311 2 0	525 13 6	1 11	6 3 4	...	...	141 34	532 5 10	
179 2 7	283 0 1	5 49	84 5 0	...	...	80 96	317 5 1	
827 5 9	1,256 8 10	...	...	...	...	335 8	1,256 8 10	
774 7 7	1,161 11 5	...	...	...	...	309 79	1,161 11 5	
699 9 6	1,146 3 0	...	...	...	...	305 65	1,146 3 0	
1,061 4 9	2,105 12 2	41 85	250 7 2	...	...	698 21	2,350 3 4	
343 4 0	757 12 2	15 94	59 5 11	...	...	338 9	817 2 1	
675 4 0	1,313 13 10	46 20	265 10 4	...	...	396 56	1,579 8 2	
1,827 13 6	2,926 5 4	...	...	...	...	780 35	2,926 5 4	
526 2 3	904 3 9	...	...	...	...	241 13	904 3 9	
248 9 2	428 13 0	1 90	11 14 0	...	...	116 25	440 11 0	
605 4 8	1,153 15 7	...	...	...	...	309 6	1,153 15 7	
490 1 10	794 9 5	...	...	...	...	211 89	794 9 5	

Proceedings of the Madras Government,

Statement showing Villagewar, the estimated increase

Number.	Village.	Tank or other sources of irrigation.	AVERAGE EXTENT OF WET CULTIVATION.				EXTENT OF DRY VERIED	
			Extent.	Assessment.	Average collection for 10 years.	Increase of assessment proposed.	Extent.	Present assessment.
1	2	3	4	5	6	7	8	9
			A. D.	RS. A. P.	RS. A. P.	RS. A. P.	A. D.	RS. A. P.
43	Vattathoor	With the above support, Branch Channel flowing from great Pandyan Tank of Valascondoo.	...	...	...	...	512 97	1,283 7 8
44	South Cothunda-velakum.	With do., channel of Peria Tank in Canoor.	...	...	...	...	214 93	537 4 7
45	Moshavaroyanelloor.	With do., Branch Channel flowing from Nachar Pettah to Koomaragoody.	...	...	...	...	535 65	1,281 11 6
46	Ahara Seshathyrum.	With do., great tank of Pandyan.	41 85	112 11 0	112 11 0	...	350 12	243 6 0
Total for the 46 villages.			1,283 45	5,021 15 4	4,275 8 11	...	14,146 59	28,641 1 6

Account as per Overseer Coopoorawmy Inspector Narayanasawmy Naick's

Detail for the above Villagewar—

25. Sree Sathamungalum ...
 18. Ambooja Vully pettah ...
 30. Voshokoolum ...
 35. Canoor ...
 40. Thooleyathacoondum ...

Public Works Department, 30th November 1870.

that may be derived from the Pelandoray Anicut, &c.—(Concluded.)

CULTIVATION TO BE CON- INTO WET.		GOVERNMENT WASTE LAND TO BE BROUGHT UNDER CULTIVATION.		UNASSESSED PORUM- BOKE LAND.		INCREASE OF REVENUE TO BE EFFECTED BY THE PROPOSED WORK.		Remarks.
Average col- lections for the last 10 years.	Increase of assessment by the new irrigation.	Extent.	Assessment including watertax.	Extent.	Average assessment and water- tax.	Total ex- tent—Vide Columns 4, 8, 12, and 14.	Total assessment —Vide Co- lums 11, 13, and 15.	
10	11	12	13	14	15	16	17	18
RS. A. P.	RS. A. P.	A. D.	RS. A. P.	A. D.	RS. A. P.	A. D.	RS. A. P.	
1,120 11 9	1,923 10 3	...	...	...	...	512 97	1,923 10 3	
506 11 2	805 15 10	...	...	...	...	214 93	805 15 10	
1,175 3 8	2,003 11 0	0 47	2 15 1	...	...	536 12	2,011 10 1	
243 6 0	1,425 7 0	17 55	80 15 0	...	...	441 52	1,506 6 0	
25,775 12 11	53,047 7 0	717 83	3,715 7 2	...	...	16,147 45	56,762 14 2	
Moodelly and Revenue submission in Jan. 1869...		695 81	...	...	...	16,125 88	56,731 4 0	
Increase...		21 57	...	...	...	21 57	31 10 2	
		Amount of Increase.		Decrease.		Net Increase.		
...		21 57	116 7 0	...	...	...	...	
...		...	...	...	1 0 0	...	...	
...		...	...	...	11 4 3	...	...	
...		...	...	...	75 3 7	...	...	
...		...	2 11 2	...	...	...	...	
Total...		21 57	119 2 0	...	87 7 10	21 57	81 10 2	

(Signed) P. VENUGOPALU,
 Tahsildar.

(True Copy)

(Signed) C. W. READE,
 Collector.

(Signed) R. A. ROBERTS, Captain, R.E.,
 Acting Supg. Engineer, 5th Division.

Proceedings of the Madras Government,

Statement showing the probable increase of Revenue in the

Number of the Village.	Village.	AVERAGE EXTENT OF WET CULTIVATION IN EACH VILLAGE UNDER THE SEVERAL TANKS FOR THE LAST 10 YEARS, THE COLLECTIONS, THE AVERAGE ASSESSMENT AND THE INCREASE OF ASSESSMENT FOR DOUBLE CROPS.										Dry lands convertible into nungah in each village.	
		Wet cultivation for the last 10 years.			Average for 10 years.			Proximate increase of second crop assessment for each fall by supply of water.	Extent.	Assessment.			
		Fadh.	Extent.	Assessment.	Extent.	Assessment.	Collections.						
											Rs. A.	Rs. A. P.	
Rajendrapattanam Periyari and Pootanary, the ayacut of both are entered together in former irrigation accounts.	1269...	41 50	277 14	...	...	...	...	...	...	...	...	...	...
	1270...	50 50	333 12	...	...	...	...	...	...	...	...	...	...
	1271...	45 32	316 8	...	...	...	...	...	...	...	...	...	...
	1272...	53 50	316 10	...	...	...	...	...	...	...	...	...	...
	1273...	53 54	340 12	...	...	...	...	...	...	...	...	...	...
	1274...	71 54	355 5	...	...	...	...	...	...	...	...	...	...
	1275...	71 54	355 13	63 65	322 4 10	322 4 10	150	270 0	433 2	...	...	...	...
	1276...	73 77	300 14	...	...	...	...	...	...	...	...	...	...
	1277...	61 24	324 13	...	...	...	...	...	...	...	...	...	...
	1278...	90 7	340 1	...	...	...	...	...	...	...	...	...	...
	635 53	3,223 1	...	...	...	...	...	...	...	...	...	...	
Chinnathoorooroochy Caripulam and Coorovicoolthan, the ayacut of both are entered together in former irrigation accounts.	1269...	21 42	105 10	...	...	...	...	...	...	...	...	...	...
	1270...	33 32	184 0	...	...	...	...	...	...	...	...	...	...
	1271...	26 72	163 6	...	...	...	...	...	...	...	...	...	...
	1272...	30 84	170 1	...	...	...	...	...	...	...	...	...	...
	1273...	36 48	207 -	...	...	...	...	...	...	...	...	...	...
	1274...	39 16	152 11	...	...	...	...	...	...	...	...	...	...
	1275...	39 16	152 11	33 91	161 1 0	161 0 0	70	312 15	393 1	...	...	...	...
	1276...	38 16	152 11	...	...	...	...	...	...	...	...	...	...
	1277...	37 93	151 1	...	...	...	...	...	...	...	...	...	...
	1278...	37 93	151 11	...	...	...	...	...	...	...	...	...	...
	339 10	1,610 0	...	...	...	...	...	...	...	...	...	...	
Total...	...	975 62	4,823 1	97 56	4-3 5 10	4-3 5 10	226	551 13	835 2	...	...	...	

TRICHINOPOLY.
24th February 1870.

Public Works Department, 30th November 1870.

District of Trichinopoly by the proposed Vellaur Anicut.

DRY LAND.										WASTE.			
Average dry cultivation for the last 10 years.			Average collections for the last 10 years.	Increase of assessment for dry lands by supply of water.			Waste lands both assessed and un-assessed convertible into nunjah.						
Fadh.	Extent.	Collections.		Increase of wet assessment according to 4th Taram exclusive of dry assessment.	Wet water rate at Rs. 4 per acre exclusive of dry rate.	If second crop was raised, half of the above.	Extent.	Present dry rate.	Increase of assessment exclusive of dry rate by supply of water.				
									Water assessment according to 4th Taram.	Water rate at Rs. 4.	If a second crop was raised, half of the above.		
		RS. A	RS. A. P.	RS. A.	RS. A.	RS. A.	A.	RS.	RS.	RS.	RS.		
1269.....	20 0	60 0	...	...	...	...	...	...	...	...	...		
1270.....	50 20	120 0	...	...	...	...	...	...	...	...	...		
1271.....	60 30	110 1	...	...	...	...	...	...	...	...	...		
1272.....	70 30	210 2	...	...	...	...	...	...	...	...	...		
1273.....	90 20	230 3	...	...	...	...	...	...	...	...	...		
1274.....	126 37	222 4	...	...	...	...	...	...	...	...	...		
1275.....	156 37	277 4	251 2 4	641 14	1,080 0	540 0	75	105	175	280	140		
1276.....	206 37	352 4	...	...	...	...	...	...	...	...	...		
1277.....	246 25	411 4	...	...	...	...	...	...	...	...	...		
1278.....	270 0	438 2	...	...	...	...	...	...	...	...	...		
	1,206 36	2,511 8	...	...	...	...	...	...	...	...	...		
1269.....	10 0	23 0	...	...	...	...	...	...	...	...	...		
1270.....	15 0	45 0	...	...	...	...	...	...	...	...	...		
1271.....	20 0	60 0	...	...	...	...	...	...	...	...	...		
1272.....	25 50	75 0	...	...	...	...	...	...	...	...	...		
1273.....	27 0	81 0	...	...	...	...	...	...	...	...	...		
1274.....	150 20	150 4	...	...	...	...	...	...	...	...	...		
1275.....	250 1	250 0	173 11 3	890 10	1,298 11	644 6	100	125	275	400	205		
1276.....	300 0	325 0	...	...	...	...	...	...	...	...	...		
1277.....	310 0	370 0	...	...	...	...	...	...	...	...	...		
1278.....	322 18	398 1	...	...	...	...	...	...	...	...	...		
	1,429 89	1,737 5	...	...	...	...	...	...	...	...	...		
	2,726 25	4,213 13	424 13 7	1,532 8	2,363 11	1,184 6	170	230	450	630	340		

(Signed) W. M. CADELL,

(Signed) W. M. CADELL,
Acting Collector.

(Signed) R. A. ROBERTS, Captain, R. E.,
Actg. Supt. Engr., 5th Division.

*Proceedings of the Madras Government, Public Works Department,
30th November 1870.*

No. 551. ORDER THEREON, 30th November 1870, No. 2,887.

IRRIGATION, No. 38.

THE statements transmitted by the Superintending Engineer of the 5th Division, with reference to G. O. No. 3,880, of the 10th December 1869, afford the following information regarding the probable increase of revenue from the construction of the Palandoray anicut and its subsidiary works in South Arcot, a project which is now under execution from Loan Funds:—

Particulars.		Acres.	Rupees.
<i>South Arcot District.</i>			
1stly ...	On the present extent of wet cultivation in forty-six villages, being the difference between the assessment and the collections of the last ten years on ...	1,233	747
2ndly ...	On the lands now under dry cultivation, which may be brought under irrigation ...	14,146	53,047
3rdly ...	On Government waste lands to be brought under cultivation ...	717	3,715
Total in South Arcot...		16,146	57,509
<i>Trichinopoly District.</i>			
1stly ...	On lands now irrigated ...	976	...
2ndly ...	On lands now under dry cultivation, which may be irrigated ...	592	2,363
3rdly ...	On waste lands to be brought under cultivation ...	170	680
Total in Trichinopoly...		1,738	3,043
Grand Total...		17,884	60,557

2. The statement for the Trichinopoly District does not show what the difference between the average collections from, and the ayacut assessment on, the irrigated lands of the six villages interested has been; and, in exhibiting the probable results, it is considered better to leave out the possible returns from second crop cultivation. If water for second crop should be available, it will have to be determined what assessment shall be levied on this account. It is not clear why only half the charge for the water supplied to the first crop has been shown in the statement.

3. The above abstract includes 17,884 acres, the irrigation of which is contemplated. Of this area, however, 1,233 acres in South Arcot, and 976 acres in Trichinopoly, are already more or less efficiently supplied, and it is probable therefore that the additional water to be obtained from the Vellaur will suffice to improve the supply of the lands now irrigated from tanks, and to water all the new land which it is intended to irrigate.

4. The additional information now given confirms the favourable opinion of the remunerative character of the project, which was expressed at the time of the sanction of the estimate. The Government now await a report on the arrangements to be made for providing the storage requisite to ensure the safety of the crops, on the lands to be irrigated from the anicut.

Amount of estimate ...	RS.
Add for establishments ...	1,98,235
Total cost...	39,765
Probable gross revenue exclusive of second crop ...	2,38,000
Maintenance ...	60,557
Net returns...	9,657
Percentage on outlay 21-4	50,000

*Proceedings of the Madras Government, Public Works Department,
30th November 1870.*

5. Ordered that a copy of these Proceedings be forwarded to the Government of India, in continuation of G. O. of the 10th December last, No. 3,880, and with reference to the letter No. 78-I., dated 9th February 1870, communicating the sanction of the Government of India to the execution of the project from Loan Funds.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government.

No. 552. DOCKET, No. 2,888, dated 30th November 1870.
Copy of the above forwarded to the Government of India.
(True Extract.)

Colonel, R. E.,
Secretary to Government.

Exd. E. C. Shunker.

Govt. of {1870} Madras.

PUBLIC WORKS.

To

THE SECRETARY TO THE GOVERNMENT

OF INDIA.

Dated November, 30th.

Recd.

Encl.

G. O., 30th November 1870, No. 2,888.

NOVEMBER.

Nos. 550-552

FORWARDING a copy of Proceedings on the statements submitted by the Superintending Engineer of the 5th Division of the estimated increase of revenue that can be derived from the construction of the Palandoray Anicut across the Vellaur in the South Arcot District.

N^o 165.

Superintg Engr's office, 5th Div.
Cuddalore 4th Nov^r 1870.

From

Captain R. A. Roberts R.E.
Ag Superintending Engineer
5th Division.

To,

The Secretary to Government
P.W. Department
Madras.

Sir,

With reference to para 5 of G. O. N^o 3880 of the 10th December 1869, I have the honor to forward herewith two revised statements of the estimated increase of Revenue, that can be derived from the construction of the Palandoray anicut across the Vellaur, in the South Arcot District.—

I have the honor to be
Sir

Your most Obedt Servant

Rick A. Roberts Captain R.E.
Ag Superintg Engr 5th Div.

Enclosure 2—
Revised
Statements.
South Arcot
District
Palandoray
District

Statement shewing the probable increase of Revenue in the District of Trichinopoly by the proposed Vellour Anicut.

173

Average extent of Wet Cultivation in each village under the several tanks for the last 10 years, the collections, the average assessment and the increase of assessment for double crops

No of the Village

Village

Wet Cultivation for the last 10 years.

Average for 10 years.

Proximate increase of 2 1/2 crops assessment for each village by supply of water.

Dry lands convertible into Kunja in each village

Average Dry Cultivation for the last 10 years.

Dry land

Average collections for the last 10 years.

Increase of Assessment for dry lands by supply of water.

Waste lands both assessed and unassessed convertible into Kunja.

Increase of assessment exclusive of dry lands by supply of water.

Rajandrapattinam, Periyari and Pothanary, the Ayacut of both are entered together in former irrigation accounts.

Chinnathooroorochy, Caripullam and Coorovi, Coorichan, the Ayacut of both are entered together in former irrigation accounts.

Year	Extent	Assessment	Extent	Assessment	Collections	Proximate increase of 2 1/2 crops assessment for each village by supply of water.
1269	44	50	277	14		
1270	50	50	333	12		
1271	45	32	316	8		
1272	53	50	316	10		
1273	55	54	380	12		
1274	71	54	285	15		
1275	71	54	285	15	63	65
1276	72	77	290	14	322	4
1277	81	24	324	12	10	322
1278	90	7	360	1	4	10
					180	270
	636	52	3223	1		

1269	21	42	105	10		
1270	33	32	188	9		
1271	26	72	168	8		
1272	30	84	179	1		
1273	36	48	207	7		
1274	38	16	152	11		
1275	38	16	152	11	33	91
1276	38	16	152	11	161	1
1277	37	92	151	11	161	76
1278	37	92	151	11		322
					48	398
	339	10	1610	10		

Total.

975 62 4833 11 97 56 483 5 10 483 5 10 256 . . 592 18 836 3

Year	Extent	Assessment	Collections	Average collections for the last 10 years.	Increase of Assessment for dry lands by supply of water.	Waste lands both assessed and unassessed convertible into Kunja.	Increase of assessment exclusive of dry lands by supply of water.
1269	20	60					
1270	50	20	120				
1271	60	30	140	1			
1272	70	30	210	2			
1273	90	20	280	3			
1274	126	37	222	4			
1275	156	37	277	4	251	2	4
1276	206	37	352	4	641	14	1080
1277	246	25	411	4			540
1278	270		438	2			75
							105
							175
							280
							140
	1246	36	2511	8			

1269	10	23					
1270	15	45					
1271	20	60					
1272	25	50	75				
1273	27	81					
1274	150	20	150	4			
1275	250	1	250	173	11	3	890
1276	300		325	10	1288	11	644
1277	310		370	6	100	125	275
1278	322	18	398	1	400	200	
	1429	89	1737	5			

1429 89 1737 5

2726 25 4218 13 424 13 7 1532 8 2368 11 1184 6 170 230 250 680 340

Trichinopoly Collector's Office
24th February 1870

Signed W. M. Badell
Acting Collector.

W. J. Roberts Captain, R.E.
Actg. Superintg Engineer S. D.

Islandway Project

1871-4.4.65/70

Revised statement
of the estimated increase of
Revenue that can be derived
from the construction of the
Islandway. Printed at the
Museum.



To Mr. Sept.

No 2887

(13)

Proceedings of the Madras Government.

Under date the 30th November 1870-

Read the following

From the Sup^y Engineer
of the 5th Div (H.E. 110165 of 4th Nov 1870)

The statements trans-

mitted by the Sup^y Engineer

of the 5th Div, with reference to

L. O. No 3880 of the 10th

December 1869, afford the

following information

regarding the probable

increase of Revenue

from the construction

of the Palanadorai canal

and its subsidiary works

in South Arcot, a pro-

-ject which is now under

execution from Loan

Funds.

The probable percentage in
the matter should be stated
in the draft.
The return appearing list

P

Particulars

Particulars		Acre	Rupia
<u>South Arcot District</u>			
1 st ly	On the present extent of wet cultivations in 46 villages being the difference between the assessment and the collections of the last year	1,283	747
2 nd ly	On the lands now under dry cultivation, which may be brought under irrigation	11,146	53,047
3 rd ly	On Government waste lands to be brought under cultivation	717	3,715
Total in South Arcot		13,146	57,509
<u>Trichinopoly District</u>			
1 st ly	On lands now irrigated	976	"
2 nd ly	On lands now under dry cultivation, which may be irrigated	592	2,368
3 rd ly	On waste lands to be brought under cultivation	170	680
Total in Trichinopoly		1,738	3,048
Grand Total		14,884	60,557

The

2. The statement for the Trichinopoly District does not show what the difference between the average collections from, and the present assessment on, the irrigated lands of the 6 villages interested, has been, and in exhibiting the probable results, it is considered better to leave out the possible returns from second crop cultivation. If water for second crop should be available, it will have to be determined what assessment shall be levied on this account. It is not clear why only half the charge for the water supplied

supplied to the first crop has been shown in the statement.

3. The above abstract includes 17,884 acres, the irrigation of which is contemplated. Of this area, however, 1283 acres in South Arcot, and 976 acres in Trichinopoly, are already more or less efficiently supplied, and it is probable therefore that the additional water to be obtained from the Vellur will suffice to improve the supply of the lands now irrigated from tanks, and to water all the new land, which it is intended to irrigate.

The

Amount of estimate Rs/122	198,235
Add for establishments	39,765
Total Cost	<u>238,000</u>

Probable Gross Revenue	
Exclusive of 2 nd Crop Rs/122	60,557
Maintenance	<u>9,657</u>
Net returns	<u>50,900</u>

Percentage on outlay 21.4

(23) 6
4. The additional information now given confirms the favorable opinion of the remunerative character of the project, which was expressed at the time of the sanction of the estimate. The Govt. now await a report on the arrangements to be made for providing the storage requisite to ensure the safety of the crops, on the lands to be irrigated from the anicut.

5. Ordered that a copy of these Proceedings be forwarded to the Govt.

Government of India, in
continuation of G. O. of the
10th December last No. 3880

To Govt of India No. 3881 of 1870

and with reference to the
letter No. 48-D dated 9th

Feb. 1870, communicating
the sanction of the Govt.
of India to the execution
of the project from Loan
Funds.

Docket No. 2888/30 Sep.

Copy of the above
forwarded to the
Government of India.

To The Rev. Deptt
of Education
3rd Ch. Engineer for
the Indian Engineering
Deptt.
Recd 2/2/70.

10/11/70.

W.S.

Recd 2/2/70 with two & five
Hans copies of G.O. No. 2887 of 1870.

17-11-71 B.L.M.

Govt. of Madras.

PUBLIC WORKS.

To The Revenue Department
and
To The Secretary to the Govt.
of India.

Patna

Recd.

1. 1. 1

G. O. 30th Nov. 1887-2888

Nos. 570-577 & 582

(Docket).

Forwarded in Copy of Mr.
the Statements, submitted by the
Engineers of the S.D. of the re-
marked increase of Revenue
that can be derived from the
construction of the Salpurn
Ancient across the Villaur in the
South Arcot District.

Palandoray Ancient. Paper
orders on the Statements, ^{Sub-}
mitted by the Engineers of the
S.D., of the estimated in-
crease of Revenue that can be
derived from the construction
of the Palandoray Ancient
across the Villaur in the
South Arcot District.