

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 568

Press
Mis.

110-111

Dated

5th March 1969

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
5th March 1869.*

No. 110. Read the following Proceedings of the Madras Government in the
Public Works Department:—

Promising to make arrangements for the institution of the professional enquiry necessary to ascertain the extent to which the means of irrigation from the Naranaveram river, in the Madras District, are capable of improvement. (Here enter 20th February 1869, No. 564.)

No. 111. ORDER THEREON, 5th March 1869, No. 568.

Irrigation, No. 2.

Ordered to be recorded.

(True Extract.)

Acting Secretary to Government.

Ed. G. A. Turton.

*Proceedings of the Madras Government, Public Works Department,
20th February 1869.*

No. 536.. Read the following Proceedings of the Board of Revenue, dated 10th December 1868, No. 8,669:—

Read the following letter from the Acting Collector of the Madras District, to the Acting Secretary to the Board of Revenue, dated Sydapet, 5th October 1868, No. 327.

1. I have the honor, with reference to paragraph 20 of my letter, No. 180, dated 2nd June 1868, to lay before the Board a few remarks on the subject of utilizing for irrigation purposes the water of the Naranaveram river, in the Trivellore and Ponneri Talooks.

2. A reference to the map will show that the river has its rise in the Naggery hills of North Arcot, and enters the Madras District about five miles west of Nagalapooram. From thence to the sea the valley of the river is covered with villages, and well supplied with tanks, some of which are fed by channels from the river. The channels, however, are small and incapable of drawing off more than a very limited quantity of the water which passes down during the floods. In its upper course the valley of the river is somewhat contracted, and is bounded at short distances on either bank by high ground or rocky hills, but, eastward from the neighbourhood of Paracopolliem and Arnee, the stream flows through an open flat country, which from that point assumes all the appearance of a regular Delta formation, and presents very great facilities for irrigation.

TRIVELLORE TALOOK.	
Nagalapooram	Channel.
Kisattoor	do.
Oothoottah	do.
Vannancooppum	do.
Cacavakam	do.
Tolavadoo	do.
Parthimancooppum	do.
Athoopakam	do.
Panappakam	do.
Vallamathooray	do.
Valappakam	do.
PONNERY TALOOK.	
Chinnambedu	Channel.
Porumbadu	do.
Arnee	do.
Cattor	do.
Thattanunjee	do.

3. I annex a list of the channels taken from the river as feeders to tanks now in existence. The first on the list, Nagalapooram, has lately been furnished with a head sluice, and is efficient and in good order. Most of them, however, are small in capacity and unprovided with regulating works.

4. The river, drains only a limited tract of country, and the floods, therefore are, although copious, only of short duration, and an ordinary small tank feeder is but of little use.

5. It is evident from the breadth of the river's bed that a very considerable volume of water passes down it at times, fully sufficient in all ordinary years to irrigate all the land under its influence if properly husbanded. The means of storing the water is ready to hand in the innumerable tanks which exist on either bank. It only requires that they should be repaired, and the river water diverted into them to make a failure of crops a matter of very rare occurrence.

6. It is true that the river depends on local rains, but it must be a very exceptional year indeed, in which a sufficiency of water does not run to waste, which if preserved would secure a crop over a very considerable area. I feel sure the whole valley and delta might be fully watered.

7. I venture to point out the plan of operations, which has occurred to me as likely to lead to good results.

GOVT. OF MADRAS

REVENUE.

Date: March, 1869.

Recd.

Ed.

G. O. No. 110-111.

RECEIVED

NO. 110-111.

*Irrigation from the Naranaveram river.
—Order regarding the institution of professional
enquiry for its improvement in the Madras District,
recorded.*

8. The tank at Oothocottah has a small supply channel from the river near the village of Surutpully. The tank itself occupies a nook in the rocky ground north of the village, to all appearance it might be largely increased in capacity, at a moderate outlay. If the bund were raised, the water would spread over rocky ground of no value.

9. The eastern horn rests on a stony ridge which runs for some miles due east; between that ridge and the river is a fertile flat, covered with tanks, some few of which on the immediate bank of the river are Zemindary and have river channels; those further from the river and lower down the stream are Government, and have no river supply. It struck me that they might all be supplied through the Oothocottah tank, which might be enlarged if necessary to serve as a reservoir.

10. An anicut near Surutpully would probably be necessary to divert a sufficient supply of water for this purpose, and as the villages of the Calacstry Zemindary above alluded to, which cover an area of about 10 square miles on both

Perundoor.
Panapak.
Cuttiwak.

banks of the river, would to a certain extent suffer by the arrangement, it would probably be necessary to arrange for their supply from the anicut, as well as for the Government lands.

11. The southern bank of the river has also its tanks, many of which would get water from this anicut, but the valley is more circumscribed there, than on the north.

12. From Pariapolliem, channels are led off to supply the Chinnambedu and Aracoe tanks, but they are small, and require the aid of sand dams to lead the water into them. An anicut here would supply not only these two tanks, but all the tanks right and left of the river, at least as far as the Trunk Road. Another anicut about Ponneri would lead water into all the tanks between that and the sea.

13. There are many points in connection with this river which seem to render it specially suitable for irrigation purposes:—

1st.—It flows on a very high level, the bed being but little depressed below the surrounding country; the supplying channels therefore need not be of any great length, and no deep excavations would be required. The anicuts too would require to be of very moderate height and would cost but little in consequence.

2nd.—The formation of the country having apparently the gentle slope towards the sea of all river deltas, is eminently suited for irrigation.

3rd.—The soil is generally light, and while yielding but indifferent dry crops, is of a kind which pays well for irrigation.

4th.—The country is literally covered with tanks, ready to hand to receive the water whenever a flood may come, and to store it for future use.

14. I beg to enclose two Statements, the one showing the ayacut, cultivation, the available waste, and remission, etc., during the last ten years under the several tanks fed by existing channels led from the Naranavaram river, as also the probable increase of revenue likely to result to Government in those villages to which

those tanks belong; and the other giving the ayacut, cultivation, and probable increase, in villages hitherto unsupplied with river water, but which from their position could be watered under a system of anicuts and channels. A reference to the Statements in question will show that an increase of revenue to the extent of not less than 23,563 Rupees may fairly be expected. It is probable that a much larger increase may be the result, as the dry area likely to be converted into wet has not been fully calculated upon.

15. Since writing the above, I have received a letter* from Mr. Goodchap, Assistant Engineer, bearing on the same subject. Mr. Goodchap shows that an

anicut above Annamanaicuncooppum would water twenty-three villages, and reports that the villagers are most anxious for a supply of river water. The sites indicated by me have been selected very much at random. My object in addressing the Board has been to draw attention to the capabilities for improvement, which exist in the valley of the Naranavaram river, with the hope that the locality may be examined professionally by those competent to judge on the subject.

From the Assistant Engineer in charge No. 1 Range, to the Acting Collector of the Madras District, dated Sercoloor, 24th September 1868, No. 1,059.

4. Owing to the channel being in bad order, very little water flows down it, unless there is a heavy fresh in the river, and even then, as the bed of the Kilmathalambadoo tank is only one foot below the channel bed,* the water recedes back into the river, as the fresh subsides, and leaves only 2½ feet of water in depth in the tank for irrigation; but the fall in the channel between Kilmathalambadoo and Trunk Road No. 6 proves that if a masonry dam was thrown across the river at a point, about one and a half mile above Annamanaicuncooppum, and a new channel cut, that the following tanks in the Ponneri Talook would be regularly supplied with spring water from the Naranavaram river:—

- | | |
|----------------------|---------------------|
| 1. Malamathalambadu. | 13. Goodoorangary. |
| 2. Goondipoondy. | 14. Yalambadu. |
| 3. Punbakam. | 15. Arasoor. |
| 4. Kilmathalambadoo. | 16. Mathoor. |
| 5. Paroovoil. | 17. Rettumbadu. |
| 6. Tecrooppary. | 18. Avoor. |
| 7. Kanakumbaukum. | 19. Eloopankum. |
| 8. Kilicody. | 20. Kowarangary. |
| 9. Paranaumbedi. | 21. Panapaukum. |
| 10. Somatta. | 22. Yanapaukum. |
| 11. Kellooroo. | 23. Kureevceagaram. |
| 12. Kattavoor. | |

(True Extract.)

(Signed) G. THORNHILL.

Acting Collector.

Statement showing the Dyacut cultivation, the available Waste, and Remissions, &c., during the last ten years under the several Tanks fed by existing Channels, &c.—(Continued.)

Statement showing the Ayacut cultivation, the available Wasts, and Remissions, &c., during the last ten years under the several Tanks fed by existing Channels, &c. (Continued.)																						
Names of Villages.	Names of Tanks or Tangals.	SUPPLYING CHANNEL OF EACH TANK.		NANJA AYACUT.		HOLDING OF FULLY 1276.		AVAILABLE WASTE.		HIGHEST BRIS DURING THE LAST 10 YEARS.			LOWEST BRIS DURING THE LAST 10 YEARS.		REMSSION GRANTED DURING THE LAST 10 YEARS.						PROBABLE INCREASE OF REVENUE.	
		Names.	Num-ber.	Extent.	Assessment.	Extent.	Assessment, including 2nd crop charge and Tiruvajasy.	Extent.	Assessment.	Paly.	Extent.	Assessment, including 2nd crop charge and Tiruvajasy.	Paly.	Extent.	Assessment, including 2nd crop charge and Tiruvajasy.	Remission for Banjar.		Remission for Shary.		Extent.	Assessment, including 2nd crop charge and Tiruvajasy.	
																Extent.	Assessment.	Extent.	Assessment.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
206	Pisattoor	Tank	1	138 9 4	618 8 8	184 4 2	731 8 8	4 5 2	20 1 0	73	138 11 8	763 7 10	134 2 8	689 15 7	1268 1269 1270 1271 1272 1273 1274 1275 1276 1277	 0 15 0 0 11 4 0 9 12 1 12 12	 3 10 6 2 15 8 2 16 1 7 2 5	 46 10 1 181 2 1		95 9 12	604 11 6	
186	Wootocottah	Do.	1	86 12 0	306 0 10	89 11 4	480 6 8	6 0 12	31 8 4	74	79 12 2	386 13 2	63 6 12	328 10 4	1268 1269 1270 1271 1272 1273 1274 1275 1276 1277	 12 7 4 20 9 0 11 5 0 3 7 4 5 1 8	 59 10 6 51 3 0 45 13 6 11 10 9 13 9 9	 75 9 12 293 7 1		6 0 12	181 8 4	
182	Tharatchee	Do. Tank	1	282 12 8	1,072 12 0	278 12 0	1,135 8 8	9 0 8	37 2 8	78	270 8 0	1,187 12 2	212 12 4	958 4 7	1268 1269 1270 1271 1272 1273 1274 1275 1276 1277	 2 12 2 12	 73 12 6 100 4 9 128 7 8 60 3 3 10 8 9 128 5 10	 109 0 0 793 4 9		9 0 8	237 2 8	
136	Cakavakom	Tank	1	123 4 8	643 0 8	104 8 4	688 4 0	29 1 4	110 6 8	76	104 8 4	683 2 4	90 7 14	826 14 6	1268 1269 1270 1271 1272 1273 1274 1275 1276 1277	 5 9 14 6 4 14 0 13 6 0 7 12 3 10 8	 19 10 7 23 3 5 2 14 10 1 13 4 15 13 0			29 1 4	160 6 2	
185	Thoolavedoo	Do.	1	51 9 8	244 14 11	51 9 8	260 7 7			76	51 9 8	260 7 7	26 6 2	121 9 1	1268 1269 1270 1271 1272 1273 1274 1275 1276 1277	 20 15 4 19 8 6 31 8 10 7 15 10 3 14 8 6 13 14 0 12 8 1 15 8	 82 15 4 44 3 1 73 16 6 85 0 4 12 9 9 22 15 0 45 8 1 7 16 5				230 15 6	
138	Parithimoi Coorppan	Do.	1	24 1 6	140 8 8	24 1 6	157 11 7			76	24 1 6	157 11 7	20 0 12	117 1 2	1268 1269 1270 1271 1272 1273 1274 1275 1276 1277	 14 11 8 11 8 4 9 15 9 8 4 2 2 10 4 0 9 10 1 5 0 0 8 8	 56 9 2 41 3 4 37 9 0 24 18 0 9 11 8 5 8 8 4 5 11 0 10 6				104 11 9	
																610 18 2	3,047 12 9	646 0 9	3,379 11 4			

Proceedings of the Madras Government, Public Works Department,
24 February 1889.

Statement showing the Ayacut cultivation, the available Waste, and Remissions, &c., during the last ten years under the several Tanks fed by existing Channels let from the Narahaveram River, as also the probable increase of revenue likely to result from those Fillets to which those Tanks belong.

Names of Villages.	Name of Tank or Tangle.	SUPPLYING CHANNEL OF EACH TANK.		NAMES AYACUT.		HOLDINGS FULLY CULT.		AVAILABLE PASTURE		HOLDINGS DURING THE LAST 10 YEARS		LOWEST RENTS DURING THE LAST 10 YEARS.		REMISSIONS GRANTED DURING THE LAST 10 YEARS.		PROBABLE INCREASE OF REVENUE.	
		Names.	Num-ber.	Extent.	Assessment.	Extent.	Assessment including 2nd crop charge and Tiruvajasy.	Extent.	Assessment.	Full.	Extent.	Assessment, including 2nd crop charge and Tiruvajasy.	Full.	Extent.	Assessment.	Extent.	Assessment including 2nd crop charge and Tiruvajasy.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Treaders Tanks.																	
110 Nagalaparam	Caronyperi		1	600 2 0	3,105 0 7	851 0 0	3,373 11 0	57 10 0	190 13 11	75	640 11 12	3,463 14 3	77	600 4 13	3,000 7 2	23 8 0	673 13 0
140 Vannacoopam	Hira Chakra-hom tank.		1	120 2 0	604 14 0	110 2 10	550 3	12 13 13	70 0 0	70	110 2 10	504 8 11	73	94 4 13	450 0 9	17 15 13	229 4 0
145 Thalavadavahom	Do.			6 4 10	30 4 10	6 4 10	20 4 0			70	6 4 10	20 4 10	73	4 13 4	77 9 0		
149 Arinjahom	Do.			63 7 4	324 4 10	73 0 13	343 0 0	10 0 0	45 4 10	73	70 7 0	390 5 11	82	14 15 0	53 0 9	10 6 0	145 4 10
150 Tumbahom	Do.			40 8 10	350 14 11	44 1 0	355 0 1	8 4 3	30 11 11	76	46 1 0	350 0 1	87	31 15 0	171 0 7	8 4 2	85 11 11
157 Thandalem	Do.			144 7 0	660 0 11	100 0 10	665 14 11	36 0 14	163 0 8	78	116 13 14	640 15 11	71	103 8 10	503 10 8	35 0 14	328 4 0

Statement showing the Dyacut cultivation, the available Waste, and Remissions, &c., during the last ten years and the next ten years.

of Tanks fed by existing Channels, &c.—(Continued.)

Name of Villages.	Name of Tank.	SUPPLYING CHANNEL OF RAIN TANK.		NANJA ATACUT.		HOLDING OF FULLY 1376.		AVAILABLE WASTE.		NEXT TEN YEARS.		NEXT TEN YEARS.		REMISSION GRANTED DURING THE LAST 10 YEARS.		REMISSION GRANTED DURING THE LAST 10 YEARS.		REMISSION GRANTED DURING THE LAST 10 YEARS.		ORDER INCREASE OF REVENUE.		
		Name.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
141 Anthoopakom	Tank	1	305 4 6	1,028 10 6	143 14 14	896 12 10	61 5 8	281 15 5	76	138 4 12	696 12	72	9 11 6	611 8 1	1265 12 14 10	71 10 0			61 5 8	281 15 5		
147 Panappakom	Do.	1	348 11 3	1,052 0 5	288 5 6	1,028 11 2	8 5 12	22 4 0	76	195 8 10	1,401 11	77	12 2 2	1,338 3 3	1266 16 9 18	91 1 9			8 5 12	282 4 0		
158 Valmadoomi	Do.	1	956 8 8	4,837 5 6	966 8 8	4,905 14 11			73	790 16 4	4,032 4 1	72	716 0 14	2,930 0 0	1268 15 10 0	149 9 6				500 0 0		
159 Veloppakom	Do.	1	109 15 4	678 11 0	105 15 14	673 11 6	8 16 8	22 7 3	74	105 7 8	671 12	77	102 10 8	657 13 9	1269 1 0 6	10 2 9			3 16 6	122 7 3		
Total...			3,222 2 4	10,127 12 9	3,008 1 12	10,715 14 0	219 0 8	1,023 3 8	...	2,801 2 6	15,210 5	1267	680 0 0	8,506 0 0	1270 5 3 4	37 0 11			300 0 2	2,224 12 10		
Ponneri Taluk.																						
55 Chinnamboda	Large tank	River channel	1	1,322 9 8	10,374 14 11	943 15 4	8,963 18 6	361 10 4	2,207 7 4	1271 9 10 0	9,092 7	1267	680 0 0	8,506 0 0	1271 10 10 10	149 9 6			150 0 0	1,500 0 0		

*Proceedings of the Madras Government, Public Works Department,
20th February 1869.*

Statement showing the *Ajacent* cultivation, the availa

Names of Villages.	Names of Tanks or Inagals.	SUPPLYING CHANNELS OF EACH TANK.		NANJA ATACUT.		Holdings
		Names.	Number.	Extent.	Assessment.	Extent.
1	2	3	4	5	6	7
47 Puroombeloo ...	Tank ...	Channel ...	1	537 2 8	3,973 15 4	533 4
	Do. ...	Do. ...	1	404 2 12	2,505 6 3	343 12
	Do. ...	Overchannel.	1	370 0 0	2,171 0 0	364 0
15 Calloor... ..	Do. ...	Do. ...	1	523 13 4	3,568 14 8	416 0
102 Thirubananjee ...	Do. ...	Do. ...	1	376 12 13	2,173 8 11	179 0
Total...		...	...	8,458 9 12	24,763 9 0	2,820 0
Grand Total...		...	...	6,707 13 0	40,893 8 9	5,858 1

Stations, &c., during the last ten years under the several Tanks fed by existing Channels, &c.-(Concluded.)			
Stations, &c.	Highest Water during the last	Lowest Water during the last 10 years.	Remission granted during the last
	year.	year.	year.
			Remission for Benjer.

[illegible]

(Signed) G. THORNHILL,
Acting Collector.

*Proceedings of the Madras Government, Public Works Department,
20th February 1869.*

Statement showing the number and names of villages which possess no supplying channels at present, but which are likely to be benefitted by the construction of the anicuts proposed in the letter.

Villages.	AYACUT OF NUNJAH.		CULTIVATION OF FUSLY 1275.		AVAILABLE WASTE.	
	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.
Ponnerly Talook.						
594 Malemathalumbadu ...	451	3,041	283	1,981	168	1,060
108 Goommudypoondi ...	138	368	135	302	3	6
140 Kilicoty ...	132	744	122	701	10	43
121 Piranambadu ...	84	574	64	504	21	70
139 Shomputta ...	254	1,538	213	1,347	42	191
126 Kullor ...	354	1,278	272	904	82	374
120 Kuttavoor ...	387	2,373	302	1,947	85	426
131 Goodoovanchary ...	75	385	44	258	31	127
119 Arashoor ...	120	844	116	813	4	31
119 Methoor ...	1,348	6,289	958	4,737	390	1,552
145 Rattambadu ...	343	1,183	169	556	174	627
105 Avur ...	567	3,558	361	2,395	206	1,163
126 Elooppakum ...	157	1,291	109	904	48	387
144 Komaranchary ...	269	1,527	89	545	180	982
126 Panappakum ...	160	919	75	510	85	409
137 Yanadimalapakum ...	259	678	183	571	76	107
142 Kuraviyagarum ...	271	859	228	753	43	106
138 Vembadu ...	178	1,255	127	956	51	299
143 Undavayal ...	85	531	67	447	18	84
130 Peravoor ...	111	396	68	300	28	171
146 Vottacadoo ...	111	396	68	300	28	171
146 Vavaloor ...	1,537	5,416	626	2,281	911	3,135
141 Vaduccoonulloor ...	103	624	88	650	17	74
106 Shavoottoopanapakum ...	44	223	34	194	6	29
144 Tharevaly ...	310	721	269	616	41	195
125 Yalavoor ...	790	1,536	447	971	303	563
114 Varcadoo ...	182	652	150	631	82	121
109 Palayagoommudypoondy ...	362	1,413	331	1,310	31	103
113 Koorovadicherry ...	68	321	54	247	14	74
115 Nungapullum ...	21	75	21	73	...	...
116 Pedlicoopum ...	109	261	106	254	3	7
113 Authupakum ...	298	700	274	619	24	51
111 Periaasholiambakum ...	125	503	113	453	12	50
112 Chinnasholiambakum ...	44	189	38	165	6	34
Total ...	9,835	42,741	6,632	30,082	3,143	12,659
Trivellore Talook.						
112 Kunnegapparo ...	734	5,101	644	4,328	90	773
Grand Total ...	10,569	47,842	7,290	34,410	3,273	13,432
Assessment on Second Crop ...	...	...	...	...	...	6,716
Total ...	...	...	...	...	...	20,148

*Proceedings of the Madras Government, Public Works Department,
20th February 1869.*

SUBMITTED to Government, with the Board's recommendation that orders be issued in the Public Works Department for the institution of such a professional enquiry as will determine the feasibility of profitably utilizing for irrigation purposes the water of the Naranavaram river in the Trivellore and Ponnerly Talooks.

2. It appears that there are twenty-one tanks in as many villages in the talooks above mentioned which are now insufficiently supplied with water, either from want of channels or from the channels (of which there are some seventeen) being small and incapable of drawing off more than a very limited quantity of the water which passes down the above river during the floods.

3. Mr. Thornhill proposes enlarging the Othoocottah tank and constructing an anicut in the above river in a proper spot, by which he believes a sufficient quantity of water would be stored in the tank for supplying all the other tanks on the northern bank of the river.

4. Another anicut at Pariapoliem and one at Ponnerly are also proposed; the former to supply the Chinnambadu and Aranco tanks as well as all the others to the right and left of the river, as far as the Trunk Road; and the latter anicut to supply all the tanks between that and the sea.

5. The following is an abstract of the Statement furnished by the Acting Collector, of the particulars relating to the ayacut of the tanks in question:—

Number of villages.		Number of tanks.		Nonjah Ayacut.	Holding of Fusly 1275.	Available waste.	Highest Beris during last ten years.	Lowest Beris during the last ten years.	Remission granted during the last ten years.		Probable increase of revenue.
1	2	3	4						Remission for Banjar.	Remission for Shavy.	
		Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.
5	6	7	8	9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24	25	26	27	28
11	17	6,708	40,893	5,823	38,611	880	5,108	5,247	38,139	4,154	29,651
										2,456	16,517
										1,704	3,751
										631	6,416

5. The following is an abstract of the particulars relating to the ayacut of the tanks in the Collector, of the particulars relating to the ayacut of the tanks in the

that the total Nunjah ayacut is 6,708 Acres, assessed at 38,611 Rupees and the total Shavy ayacut is 5,823 Acres, assessed at 38,139 Rupees.

6. It thus appears that the total Nunjah ayacut is 6,708 Acres, assessed at 40,893 Rupees, of which 5,823 Acres, assessed at 38,611 Rupees were occupied in Fusly 1276, leaving available waste to the extent of 880 Acres, assessed at Rupees 5,198. The probable increase of revenue anticipated from the works above proposed is Rupees 8,415, derivable from 631 Acres.

7. Mr. Thornhill estimates a further increase of Rupees 20,148 from 3,273 Acres of available waste at present existing in thirty-four villages of the Ponnerly and one village of the Trivellore Talooks, which now possess no supplying channels, but which are likely to be benefitted by the construction of the proposed anicuts. An abstract of the Statement forwarded, appertaining to these villages, is given below, from which it will be seen that the total Nunjah ayacut in them is 10,569 Acres, assessed at Rupees 47,842, of which 7,290 Acres, assessed at Rupees 34,410, were cultivated in Fusly 1275, leaving 3,273 Acres of

10 *Proceedings of the Madras Government, Public Works Department,*
20th February 1869.

available waste assessed at Rupees 20,148, which it is expected will be fully taken up if the proposed works are constructed.

Number of villages.	NUNJAN AYACCT.		CULTIVATION IN FULLY 1257.		AVAILABLE WASTE.	
	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.
33... ..	ACRES. 10,569	RS. 47,812	ACRES. 7,296	RS. 34,410	ACRES. 3,273	RS. 20,148

8. The total probable increase of revenue from both sets of villages is thus Rupees 28,563,* but Mr. Thornhill

observes, that "a much larger increase may be the result, as the dry area likely to be converted into wet has not been fully calculated upon."

* Vide abstract in paragraph 5	...	RS. 8,413
Do. do.	7	20,148
		28,563

9. Mr. Thornhill also forwards a letter from the Assistant Engineer touching the subject of irrigation from the river Naranavarem, from which it appears that an anicut constructed above the village of Annamannaicuncooppun would water twenty-three villages, the ryots of which are most anxious to have a supply of river water.

10. The Board consider that Mr. Thornhill's account, as given in his letter, (paragraphs 2 to 6 and 13,) of the country which might be watered by the construction of anicuts, is sufficiently promising (supplanted as it is by the Assistant Engineer's opinion) to make further professional examination very desirable.

TRANSFERRED to the Department Public Works.

FORT ST. GEORGE,
18th December 1868.

(Signed) R. A. DALYELL,
Acting Secretary to Government.

No. 537. ORDER THEREON, 20th February 1869, No. 564.

IRRIGATION No. 22.

The Government are of opinion that the examination of the Naranavaram river, suggested by the Acting

Collector of Madras and the Board of Revenue, is very desirable; and they propose to detach an Officer at an early date for the purpose of carrying out the surveys and levels, and other investigations necessary to show to what extent the means of irrigation from that river are capable of improvement.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Board of Revenue.
Revenue Department.
Chief Engineer for Irrigation.
Superintending Engineer, 4th Division.
Ed. G. A. Turton.

Permanence Office

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