M.R.O. 1—77,006—8-5-37.

(1) Number of pages 69

(2) Date of repair 1/2/44

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 1141 Press / Mis.

442-43

Dated 29-4- 1870.

Not to be folded or roughly handled

No. 442. Read the following Note by the Acting Chief Engineer for Irrigation, dated Fort Saint George, 10th March 1870, No. 58 :—

Read the following letter from the Superintending Engineer, 3rd Division, to the Acting Chief Engineer for Irrigation, dated Bellary, 3rd March 1870, No. 3,410.

With reference to your memorandum, No. 239, of 30th July 1869, I have the honour to retransmit the plans, etc., therewith returned for protecting the lands of Cullamuddy village, and to inform you that the question of carrying the drainage direct to the Pennair river, as proposed by you, was carefully considered and put aside, in consequence of its being found to be more expensive.

2. I now beg to forward copy of a letter* from the Assistant Engineer, Ghooty Range, together with an original letter and two enclosures from the Acting Sub-Collector. From the statement submitted by the latter you will observe that the remissions during the last ten years have been steadily increasing, and average Rupees 371 annually.

* No. 89, dated 30th August 1869.

From the Assistant Engineer in charge of Ghooty Range, to the Superintending Engineer, 3rd Division, dated Ghooty, 30th August 1869, No. 89.

In reply to your No. 1,493 of the 3rd instant, I beg to submit the information required by the Chief Engineer for Irrigation, as far as I am able.

2. From the 6th to the 18th of this month $8\frac{3}{10}$ inches of rain fell about Ghooty, and during one night, that of the 15th, about three inches fell. I crossed the Pennair, as soon as fordable, thinking to be able to see plainly the extent of damage done by late rains to the fields of Cullamuddy, but could see none, and the villagers could show me none, but said that the nullah water silted up the channels and prevents their crossing to the fields, the greatest depth of water being about $3\frac{1}{2}$ feet. There is nothing to show that this inconvenience is not of long standing.

3. The surface of the ground about this nullah (passing north of Cullamuddy) is broken and soda earth called by the natives soud.

4. I have written to the Acting Head Assistant Collector for a statement of remissions made on account of damage done by the nullah, which I shall forward as soon as received.

From the Acting Sub-Collector of Bellary, to the Assistant Engineer, Ghooty Range, dated Camp at Dharmaveram, 16th February 1870, No. 54.

I have the honour to forward the statement of annual remissions at Cullamudddy, Ghooty Talook, on account of damaged crops, as requested by you in your letter, No. 273, dated 12th August 1869, enclosed in your docket, No. 595, dated 14th December 1869.

2. I do not think that the ryots should be called on for a subscription, or to bear any part of the cost of the work. For your information I attach a copy of a letter written last year to the Collector.

Fusliwar.	Remissions granted for— Vunkamudy Channel.	Narayanappa Channel.	Total remission.
	Rs. A. P.	Rs. A. P.	Rs. A. P.
1270	.....	48 2 0	48 2 0
1271	.....	92 6 0	92 6 0
1272	85 10 0	156 12 0	242 6 0
1273	85 10 0	263 13 0	349 7 0
1274	130 10 0	263 13 0	394 7 0
1275	216 6 0	265 13 0	482 3 0
1276	216 6 0	265 13 0	482 3 0
1277	76 12 0	265 13 0	342 9 0
1278	92 10 0	269 15 0	362 9 0
1279	617 15 0	297 15 0	915 14 0
Total ...	1,521 15 0	2,190 3 0	3,712 2 0

Dharmaveram,
16*th February* 1870.

(Signed) J. KELSALL,
Acting Sub-Collector.

From the Acting Head Assistant Collector of Bellary, to the Collector of Bellary, dated Camp at Tadputry Talook, 19th February 1869, No. 47.

In reply to your letter, No. 37, dated 8th January 1869, I have the honour to inform you that I arranged to meet Mr. Porter at Uloor, but we unfortunately missed one another. I have since, however, discussed the matter with Mr. Porter, and have seen part of the ground.

2. I agree with Mr. Porter that it will not be worthwhile to restore the Uloor Tank and the old supply channel, or, on the other hand, to construct a channel to the river. In this case aqueducts would have to be constructed, and in high floods the field would be submerged. I have no doubt that the plan proposed by Mr. Porter is the best that could be suggested.

3. The cost should, I think, be borne entirely by Government, for I fail to see any reason why the ryots should be asked or compelled to subscribe to the work. Their fields are liable to submersion, and the channels are silted up through no fault of theirs ; but, in the first place, in consequence of the gradual silting up of the old supply-channel ; and, secondly, because of the failure of Mr. Wilson's weir. It is clear the weir breached because a channel was not cut to lead off the surplus water and to relieve it, but this is no fault of the Revenue authorities or the ryots. I do not understand the quotation from Mr. George's letter that he told the Tahsildar that unless the channel was cut the weir would suffer, unless it means, though of this there is no allegation, that the Tahsildar would not assist in procuring the requisite labour. It is to be regretted that the work has to be done over again, but the necessity arises in consequence of the original project not having been fully carried out.

4. Mr. Porter does not agree with me, but considers that as the ryots will benefit so largely they ought to bear some portion of the cost, but, for the reason I have stated above, I do not think it equitable that they should be called upon to do so.

5. The enclosures which accompanied your letter under reply are herewith returned.

Statement showing the Revenue under the several Cullamuddy Channels during the past ten years, as requested by the Superintending Engineer, 3rd Division, in his Official Memorandum, No. 864, dated 15th instant.

Fusly.	AYACUT OF WET AND GARDEN LANDS. Cheear. Acres.	Cheear. Assessment.	Inam. Acres.	Inam. Assessment.	Cultivation. Cheear. Wet. Acres.	Wet. Assessment.	Wet. Fysal-jasty.	Wet. Total.	Dry converted into Wet. Acres.	Dry converted into Wet. Assessment including Teerwa-jasty, etc.	Inam. Acres.	Inam. Assessment.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Vunkamudy Channel.																
1268	71	564	32	228	52	410	181	591	.....	.....	92	347	58	25	198	
1269	71	564	32	228	52	410	181	591	.....	.....	92	347	58	25	198	
1270	71	564	32	228	53	427	168	595	.....	.....	92	343	57	24	190	
1271	71	564	32	228	54	430	183	613	.....	.....	92	358	59	21	175	
1272	71	564	32	228	50	376	160	536	.....	.....	92	358	59	29	209	
1273	71	564	32	228	51	398	162	560	.....	.....	92	358	59	19	214	
1274	71	564	32	228	41	353	162	515	.....	.....	64	369	59	21	215	
1275	71	564	32	228	50	396	.....	396	.....	.....	64	363	59	3	10	
1276	71	564	32	228	51	401	.....	401	.....	.....	66	385	59	23	184	
1277	71	564	32	228	51	401	140	541	.....	.....	66	389	59	23	184	
Dona Channel.																
1268	44	129	23	69	31	92	.....	92	.....	.....	14	347	58	12	34	
1269	44	129	23	69	31	92	.....	92	.....	.....	14	347	58	12	34	
1270	44	129	23	69	31	92	.....	92	.....	.....	14	343	57	11	32	
1271	40	115	23	69	31	92	.....	92	4	4	16	358	59	8	25	
1272	40	115	23	69	21	64	.....	64	4	4	16	358	59	12	33	
1273	40	115	23	69	18	60	.....	60	4	4	16	369	59	16	43	
1274	40	115	23	59	22	66	.....	66	4	4	16	363	59	11	30	
1275	40	115	23	59	23	66	.....	66	4	4	18	385	59	11	31	
1276	40	115	23	59	22	66	.....	66	3	4	12	389	59	11	31	
1277	40	115	23	59	19	58	.....	58	4		16	368	59	11	41	
Yagava Channel.																
1268	100	409	63	174	45	236	111	347	.....	.....	14	347	58	14	58	
1269	100	409	63	174	45	236	111	347	.....	.....	14	347	58	14	58	
1270	100	409	63	174	45	236	107	343	.....	.....	22	343	57	22	78	
1271	100	409	63	174	49	250	108	358	.....	.....	16	358	59	16	59	
1272	100	409	63	174	49	256	112	368	.....	.....	13	358	59	13	71	
1273	100	409	63	174	52	257	110	367	.....	.....	15	369	59	15	74	
1274	100	409	63	174	50	253	110	363	.....	.....	20	363	59	20	93	
1275	100	409	63	174	52	260	110	370	5	5	16	385	59	16	59	
1276	102	414	61	169	53	264	110	374	5	5	15	389	59	15	79	
1277	102	414	61	169	51	258	110	368	5	5	15	383	59	15	79	

Statement showing the Revenue under the several Cullamuddy Channels during the past ten years, etc.—(Concluded.)

Fusly.	CULTIVATION. AYACUT OF WET AND GARDEN LANDS. Circar. Assessment.	Inam. Acres.	Inam. Assessment.	Wet. Circar. Acres.	Wet. Circar. Assessment.	Wet. Inam. Acres.	Wet. Inam. Assessment.	Dry converted into Wet. Acres.	Dry converted into Wet. Assessment including Teerwajasty, etc.	Total of columns 9 and 11.	Jodi, quitrent, etc.	Total.	Remarks.
1	2	3	4	5	6	7	8	10	11	12	13	14	17
Narayanappa Channel.	1268 73	82	395	334	28	191	34	.....	.....	225	No mention of the hendring is made in these Fuslies.	98	No mention of the Channel is made in these Fuslies.
	1269 73	82	395	334	28	191	34	.....	.....	225		95	
	1270 73	83	395	334	27	190	60	.....	.....	250		95	
	1271 74	82	397	332	26	179	54	.....	.....	233		105	
	1272 74	82	397	332	20	110	31	.....	.....	141		.....	
	1273 74	82	397	332	9	32	2	.....	.....	34		.....	
	1274 74	83	397	331	9	31	.....	.....	.....	31		.....	
	1275 74	83	397	331	9	31	.....	.....	.....	31		.....	
	1276 74	82	397	331	8	30	.....	.....	.....	30		.....	
Channel of the hamlet of Goomsanpully.	1268 12	.....	73	.....	4	25	6	.....	.....	31	Do.	39	Do.
	1269 12	.....	73	.....	4	25	6	.....	.....	31		35	
	1270 12	.....	73	.....	4	25	7	.....	.....	32		39	
	1271 12	.....	73	.....	4	26	7	.....	.....	33		40	
	1272 12	.....	73	.....	4	26	7	.....	.....	33		.....	
	1273 12	.....	73	.....	4	26	13	.....	.....	39		.....	
	1274 12	.....	73	.....	4	26	13	.....	.....	39		.....	
	1275 12	.....	73	.....	4	26	9	.....	.....	35		1	
	1276 12	.....	73	.....	4	26	13	.....	.....	39		.....	
	1277 13	.....	73	.....	4	26	13	.....	.....	39		.....	
Yakrenagapully Channel.	1268	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.	.....	Do.
	1269	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	
	1270	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	
	1271 7	24	24	7	7	24	1	1	3	27		26	
	1272 7	24	24	7	6	23	1	1	3	26		26	
	1273 7	24	24	7	7	23	1	1	4	26		26	
	1274 7	24	24	7	7	23	1	1	4	26		26	
	1275 7	24	24	7	7	23	1	1	4	26		26	
	1276 7	24	24	7	7	23	1	1	4	26		26	
	1277 7	24	24	7	8	23	1	1	4	26		15	

(Signed) H. E. SULLIVAN,
Collector.

Bellary,
8th June 1869.

Note *by the Acting Chief Engineer for Irrigation.*

In July 1869 the Superintending Engineer, 3rd Division, transmitted an estimate, Rupees 4,750, for certain works which were proposed for the purpose of preventing the flood waters of a natural drainage from passing over the Cullamuddy lands in the Ghooty Talook of the Bellary District. It is stated that these waters silt up certain irrigation channels from the Pennair, and in his first letter Colonel Moberly quotes the following opinion of the then Collector: "If the work is not carried out, no revenue will be derived from the lands under the channels."

2. In reply, it was pointed out that "the circumstances of this drainage appear to be of long standing, the area of land affected would seem to be comparatively small, the difference between the revenue realized at the beginning and end of the ten years, and much of this probably on lands unaffected, is but Rupees 265, and there is nothing in the papers to show what part, if any, of this difference would be gained by the diversion of the drainage." I added "Taking into account the inconvenience and loss which no doubt the ryots suffer, the Government will be recommended to sanction the estimate if it can be shown that the area of land liable to serious injury is considerable; that the outlay will secure a return of a bare 5 per cent. by reducing remissions; that diverting the drainage to the nullah south of Cullamuddy will not cause inconvenience elsewhere, and that it would not be cheaper and easier to carry this drainage direct to the Pennair by improving one of the present channels." Of all the points noticed only the last has been answered, and I think that the estimate should not be sanctioned until more full and satisfactory evidence of the necessity for the outlay, and of the obligation of the Government to bear the expense, shall have been adduced. It seems quite possible that the channels might be cleared from silt after each fresh at a smaller annual cost than the interest on the amount of the estimate, and it should be ascertained whether the removal of such silt was not, until within the last few years, carried out by "Customary labour."

(Signed) J. MULLINS, Major, R.E.,
Acting Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

No. 443. Order thereon, 29th April 1870, No. 1,141.

IRRIGATION, No. 28.

The Government are not prepared to sanction the estimate for the diversion of the natural drainage near Cullamuddy without much more definite and complete information as to the necessity for the work proposed, and as to its probable effect upon remissions. It is also not at all clear at present that the expense of the work should be borne, either wholly or in part, by the Government. The Superintending Engineer's attention is therefore called to the note by the Acting Chief Engineer for Irrigation, and he should, in communication with the Collector, obtain and submit such a further report as will enable the Government to decide whether public money may properly be granted to secure the objects contemplated.

(True Extract.)

Major, R.E.,
Acting Joint-Secretary to Government.

To the Superintending Engineer, 3rd Division.
" Chief Engineer for Irrigation.
" Revenue Department.
Exd. E. C. Shunker.

MEMORANDUM

REQUESTED for reference the under-mentioned papers

2 plans
9 other papers
E.M.B.

Lems estimates &c submitted to Govt with this Office No 58 dated 15th Mch 1870 —

OFFICE OF THE CHIEF ENGR. FOR IRRIGATION, P. W. Department,
23 Sept: 187 1.

D. M. Hamilton
Head Clerk.

To
The Registrar of the
P. M. Secretariat

Memo 25 Septr 71 -

9

1 Letter from the Supg Engr 3rd Dvn No 3410 of
3rd March 70 —

1 Copy of a letter from the Asst to Engr in charge of Groty
Range to the Supg Engr 3rd Dvn
No 89 of Groty 30 ~~Sept~~ Augt 69

1 Letter from the Ag Sub Collector of Bellary No 542
16 Feby 1870 ——

1 Statement connected with this letter ——

1 Letter from the Ag Head Asst to Collector of Bellary
No 47 25 Feby 1864 ——

2 Abstract Estimates

1 Specification

1 Statement shewing the Revenue under the
several Customary Channels during
the past 10 years as requested by the Supg
Engr 3rd Division in his Office Memo No
864-15 Instant ——

2 Plans ——

Memo 25 Septr 71 — 9

1 Letter from the Supg Engr 3rd Dvo No 3410 of 3rd March 70 —

1 Copy of a letter from the Asstt Engr in charge of Gooty Range to the Supg Engr 3rd Dvo No 89 of Gooty 30 ~~if~~ Augt 69

1 Letter from the Ag Sub Collector of Bellary No 524 16 Feby 1870 ——

1 Statement connected with this letter ——

1 Letter from the Ag Head Assto Collector of Bellary No 47 29 Feby 1864 ——

2 Abstract Estimates

1 Specification

1 Statement shewing the Revenue under the several Customary channels during the past 10 years as requested by the Supg Engr 3rd Division in his Memo No 864-15 Instant ——

2 Plans ——

No. 58

Note by the Acting Chief Engineer for Irrigation

Encl^{re} 1.

In July 1869 the Superintending Engineer 3rd Division transmitted an estimate, Rupees 4750, for certain works which were proposed for the purpose of preventing the flood waters of a natural drainage from passing over the Cullamuddy lands in the Gooty Taluq of the Bellary District. It is stated that these waters silt up certain irrigation channels from the Pennar, and in his first letter Colonel Moberly quotes the following opinion of the then Collector.

"If the work is not carried out, no revenue will be derived from the lands under the Channels"

2. In reply it was pointed out that "the circumstances of this drainage appear to be of long standing, the area of land affected would seem to be comparatively small, the difference between the Revenue realized at the beginning and end of the 10 years and much of this probably on lands unaffected, is but Rupees 265, and there is nothing in the papers to show

show what part, if any, of this difference would be gained by the diversion of the drainage." I added "Taking into account the inconvenience and loss which no doubt the ryots suffer, the Government will be recommended to sanction the estimate if it can be shown that the area of land liable to serious injury is considerable, that the outlay will secure a return of a bare 5 per cent by reducing remissions, that diverting the drainage to the nullah South of Cullamudi will not cause inconvenience elsewhere, and that it would not be cheaper and easier to carry this drainage direct to the Penner by improving one of the present channels." Of all the points noticed only the last has been answered, and I think that the estimate should not be sanctioned until more full and satisfactory evidence of the necessity for the outlay, and of the obligation of the Government to bear the expense, shall have been adduced. It seems quite possible that the channel might be cleared from silt after each freshet at a smaller annual cost than the interest on the amount of the estimate, & it should be ascertained whether the

removal of such silt was not, until within the last few years, carried out by "Customary labour."

Fort St. George
10th March 70

Wedderburn Major R.E.
Acting Chief Engineer for Irrigation

To
The Secretary to Government
P.W.D.

Copy 15th April 70 [illegible]

Bellary Sub Collector's Office
Dated 18th February 1870
Camp Dharmavaram

No 54.

15

From

John Nicholl Esquire
As Sub Collector &
Bellary

To

Mr. J. Gray
Assistant Engineer
Gooty Range

Sir

I have the honor to forward the statement of annual remissions at Callamady Gooty Taluq on account of damaged crops as requested by you in your letter No 273 dated 12th August 1869, enclosed in your docket No 505 dated 14th December 1869.

2 I do not think that the ryots should be called on for a subscription, or to bear any part of the cost of the work. For your information I attach a copy of a letter written last year to the Collector

I have the honor to be
Sir
Your most obedient servant
John Nicholl
As Sub Collector

From P.W. Dept
Executive Engineer's Office
Gooty
Captain J. Mylam
To
The Secretary to
Government P.W.D.
Dated 10th
Rec'd 19th March 1870
Fasli 1278
Cuddapah
Note in an extract of
Re 4750 for Constructing
Retaining Works to protect
the Canal & Callamady
in the Gooty Taluq of
the Bellary District from
Flood waters.
Rec'd 1st April 1870

Camp Nellore Sadapaty
Tuesday 19th February 1869

No 47

From

John Kelsall Esquire
Ag. Head Asst. Collector of
Bellary

To

H.E. Sullivan Esquire
Collector of Bellary

In reply to your letter No 37 dated January
8. 69 I have the honor to inform you that I arranged
to meet Mr. Porter at Uloor, but we unfortunately missed
one another. I have since however discussed the
matter with Mr. Porter, and have seen part of the
ground. —

2 I agree with Mr. Porter that it will not be worth
while to restore the Uloor Tank and the old supply
channel or on the other hand to construct a channel
to the river. In this case aqueducts would have to
be constructed, and in high floods, the fields would
be submerged. I have no doubt that the plans pro-
posed by Mr. Porter is the best that could be suggested.

3 The cost should I think be borne entirely by
Government, for I fail to see any reason why the ryots

Rec'd 20th Feb 1869
Revenue Department
Collector's Office
Bellary 19th February 1870.
No. 47

To
The Assistant Engineer
Porter Range
Camp Sadapatty

Sir
I am directed to request that you will state what you have done in the matter of the enclosed letter from the Ryots of Uloor, and return the same for further reference.

I am &c

should be asked or compelled to subscribe to the work. Their fields are liable to submersion, and the channels are silted up through no fault of theirs, but in the first place in consequence of the gradual silting up of the old supply channel, and secondly because of the failure of Mr. Wilson's weir. It is clear the weir breached because a channel was not cut to lead off the surplus water and to relieve it, but this is no fault of the Revenue authorities or the ryots. I do not consider understand the quotation from Mr. George's letter that he told the Tahsildar that unless the channel was cut the weir would suffer unless it means, though of this there is no allegation, that the Tahsildar would not assist in procuring the requisite labor. It is to be regretted that the work has to be done over again but the necessity arises in consequence of the original project not having been fully carried out.

4. Mr. Porter does not agree with me, but considers that as the ryots will benefit so largely they ought to bear some portion of the cost, but for the reason I have stated above, I do not think it equitable that they should be called upon to do so.

5. The enclosures which accompanied your letter under reply are herewith returned.

I have &c.

(Signed) J. Kelsall

Ag. Head Asst. Collector

True Copy

Chuttopadhyaya.

Ag. Sub Collector

Compd by

W. Chinnadurai Clerk D3

"Sewerage"

"Agricultural"

21

ABSTRACT ESTIMATE.

Gooty Taluq
Bellary District.

Work Constructing Channel, Embankment & Waste Weir, to protect the lands of Kullamuddy Village from Flood waters of a Jungle Stream

Quantities.	Description of Work.	Rate.	Amount.	Amount of each part.
12701	Cyds. Excavation @ 10 Pgs per	1 " "	1270 1 "	
12701	Cyds. Tamping @	" " 4	266 9 8	
19555/9	Cyds. Stone @	1 "	1955 8 11	3,492 2 "
	Add 15 per Dt for waste Weir Estimated	1/2		959 7 4
				4,451 9 4
	Sundries			223 12 8
	Superintendence			78 " "
	Total Estimated Rupees			4750 " "

Range Office 20th
Gooty 15 April
1869

Asst. Engineer
Engaged
Superintending 3 Dist.

Passed
4750 Rs.
E. D. C. Bonnevie

Specification to Accompany Estimate for Construc-
ing a Channel with Embankment & Waste
Weir between the Villages of Moor & Cullamuddy
in the Gooty Taluq

1 Amount of Estimate Rupees ~~4750~~ 4750.

2. The Estimate provides for Excavating a Channel
657 Yards in length - width at bottom 15 Yards -
depth varying from 0.23 to 3.85 ft: Side Slopes
to be two to one - the Earth from the Channel to
be used for Constructing a Bank, which will be
placed at a distance of 20 feet from the Edge of
the Channel - the Bank will have a uniform
width of 12 feet at top - front Slopes 1/2 to 1 Rear
Slopes 2 to 1 - the front Slope will be Revetted with
Stone - the Embankment varies in height from
3.15 to 7.00 feet the crest remains at a uniform
level of 7 feet above the bed of the Channel

3. The Estimate Allows for Constructing a Waste
Weir 50 feet in length across a Portion of the Em-
bankment - in the body Wall of
the Weir a Sluice (4×1.6) to be left to Allow of
water in the Irrigation Channel which Channel
is the deep bed of the Nullah

4 The object of the project is to turn flood water
from a Nullah which flows to the North of
Cullamuddy into Another Nullah flowing to
the South of the said Village (See Sketch map)
The necessity for the work is owing to the Nor-
-thern Nullah not being of sufficient Capacity to
Carry off all the drainage that flows into it - Con-
-sequently the water rises above the banks &
Spreading over Adjacent fields Causes much da-
-mage to the Crops, and deteriorates the land
by depositing Sand

A. Cadell Major R.E.
Supdg Engineer & Agent
Ceded Districts

W. Robertson
Asst Engineer

Gooty 15th April

27

"New Work" (Cullamuddy Embankment) Agricultural

25

ABSTRACT

Constructing a Waste Weir

Quantities.	DESCRIPTION OF WORK.		Rate.			Amount.			Total.		
4016	Cft. Stone in chunam	@	„	3	„	753	„	„			
34 2/3	Cft. Concrete	@	„	2	„	4	5	4			
721	Sqft. Pointing Sqr	@	2	„	„	14	6	8			
150	Sqft. Granite Slabs	@	„	4	„	37	8	„			
2	Slabs for Sluice	@	2	„	„	4	„	„			
169 4/9	Cyds. Rough Stone	@	„	12	„	127	1	4			
153	Cyds. Excavation	@	„	2	„	19	2	0			
			Total	Rupees		959	7	4			

Exd. C. Ponnusawmi

Range Office No. 4
Gorty 15th April
1869

[illegible]
Asst. Engineer
D. P. W.

Recd. by
[illegible] H. Hanson
[illegible]

[illegible] Majetta
Deputy Engineer 3rd Div.

1268	12	73	"	"	4	25	6	31	"	"	31					"	"	
1269	12	73	"	"	4	25	6	31	"	"	31					"	"	
1270	12	73	"	"	4	25	7	32	"	"	32					"	"	
1271	12	73	"	"	4	26	7	33	"	"	33					"	"	
1272	12	73	"	"	4	26	7	33	"	"	33					"	"	
1273	12	73	"	"	4	26	13	39	"	"	39					"	"	
1274	12	73	"	"	4	26	13	39	"	"	39	"	39	"	"			
1275	12	73	"	"	4	26	9	35	"	"	35	"	35	"	"			
1276	12	73	"	"	4	26	13	39	"	"	39	"	39	"	"			
1277	12	73	"	"	4	26	13	39	"	"	39	1	40	"	"			
1268																		
1269																		
1270																		
1271	7	24	"	"	7	24	"	24	1	3	27					"	"	
1272	7	24	"	"	7	22	"	22	1	3	25					"	"	
1273	7	24	"	"	6	22	"	22	1	4	26					"	"	
1274	7	24	"	"	7	22	"	22	1	4	26	"	26	"	"			
1275	7	24	"	"	7	22	"	22	1	4	26	"	26	"	"			
1276	7	24	"	"	7	22	"	22	1	4	26	"	26	"	"			
1277	7	24	"	"	3	10	"	10	1	4	14	1	15	"	"			

No intersection of the Channel is made in this Section.

Channel of the Thames Middle Entrance

Ballony Collector's Office
28th June 1869.

D. Lamiona
Collector

Copied by
J. Mackie

Statement shewing the Revenue under the several Vunkamady Channels during the past ten years as reported by the Superintending Engineer 3rd Division in his Official Memo. No. 86 dated 15th Instant.

	Ayacut of wet & garden lands				Cultivation										
	Circar		Inam		Circar									Inam	
					Wet				Dry converted into Wet						
Fusly	Acres	Assessment	Acres	Assessment	Acres	Assessment	Tarum Jasty	Total	Acres	Assessment including Tarum Jasty &c.	Total of columns 9 and 11	Looki & Quit rent &c.	Total	Acres	Assessment
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Vunkamady Channel															
1268	71	564	32	228	52	410	181	591	"	"	591	No mention of the lease-money is made in these Faslies		25	178
1269	71	564	32	228	52	410	181	591	"	"	591			25	198
1270	71	564	32	228	53	427	168	595	"	"	595			24	190
1271	71	564	32	228	54	430	182	612	"	"	612			21	175
1272	71	564	32	228	50	378	150	528	"	"	528			29	209
1273	71	564	32	228	57	398	162	560	"	"	560			19	214
1274	71	564	32	228	41	353	162	515	"	"	515	65	580	21	215
1275	71	564	32	228	50	396	"	396	"	"	396	62	458	3	10
1276	71	564	32	228	57	401	"	401	"	"	401	62	463	23	184
1277	71	564	32	228	58	401	140	541	"	"	541	87	628	23	184
Doma Channel															
1268	44	129	23	59	31	92	"	92	"	"	92	do		12	34
1269	44	129	23	59	31	92	"	92	4	14	106			12	34
1270	44	129	23	59	31	92	"	92	4	16	108			11	32
1271	40	115	23	59	31	92	"	92	4	16	108			8	25
1272	40	115	23	59	21	64	"	64	4	16	80			12	33
1273	40	115	23	59	18	60	"	60	4	16	76			15	43
1274	40	115	23	59	22	66	"	66	4	16	82	8	90	11	30
1275	40	115	23	59	22	66	"	66	4	18	84	8	92	11	31
1276	40	115	23	59	22	66	"	66	3	12	78	8	86	11	31
1277	40	115	23	59	19	58	"	58	4	16	74	13	87	11	41
Appagum Channel															
1268	100	409	63	174	65	236	111	347	"	"	347			14	58
1269	100	409	63	174	65	236	111	347	"	"	347			16	58
1270	100	409	63	174	65	236	107	343	"	"	343			22	78
1271	100	409	63	174	49	252	105	358	"	"	358			16	59
1272	100	409	63	174	49	250	108	358	"	"	358			13	71
1273	100	409	63	174	52	257	112	369	"	"	369			18	76
1274	100	409	63	174	56	253	110	363	"	"	363	41	404	20	93
1275	100	409	63	174	52	266	110	376	5	15	385	40	425	16	59
1276	102	414	61	169	53	264	110	374	5	15	389	40	429	15	79
1277	102	414	61	169	51	258	110	368	5	15	383	59	442	15	79
Lingappa Channel															
1268	73	395	82	334	28	191	34	225	"	"	225	do		45	187
1269	73	395	82	334	28	191	34	225	"	"	225			45	187
1270	73	395	82	334	27	190	60	250	"	"	250			36	188
1271	74	397	82	332	24	179	54	233	"	"	233			38	181
1272	74	397	82	332	20	110	51	161	"	"	161			30	129
1273	74	397	82	332	9	32	2	34	"	"	34			24	80
1274	74	397	82	331	9	32	2	34	"	"	34	64	98	26	93
1275	74	397	82	331	9	31	"	31	"	"	31	64	95	24	59
1276	74	397	82	331	9	31	"	31	"	"	31	64	95	20	72
1277	74	397	82	331	8	30	"	30	"	"	30	75	105	19	39

No – Note by the Hy Bro of P.W.

No. 3410

Superintending Engineer's Office.
3rd Division.
Bellary 3rd March 1870

From,
The Superintending Engineer
3rd Division.

To,
The Acting Chief Engineer
for Irrigation
Fort Saint-George

Enclosures. 9.

Sir,

With reference to your Memo
No. 239 of 30 July 1869, I have
the honor to retransmit the Plans &
therewith returned for protecting
the tanks of Cullacumbay Village
and to inform you that the ques-
tion of carrying the drainage direct
to the Pennar River, as proposed
by you, was carefully considered
and put-aside in consequence of its
being found to be more expensive.

2. I now beg to forward copy
of a letter from the Assistant
Engineer Ghooty Range together
with

No. 89 Dt. 30
August 1869

with an original letter and two enclosures from the Acting Sub-Collector: from the Statement submitted by the latter you will observe that the remissions during the last ten years have been steadily increasing, and average Rs 371 annually

I have the honor to be,
Sir.
Your most obdt servt.

W. Webber Lieut Col. R.E.
Superintending Engineer
3 Division

Letter from the Assistant Engineer in charg

1869-70.

From,

The Superintending Engineer

3rd Division.

To,

The Ag. Ch. Engineer

for Irrigation

Fort St George

No. 346

Dated 3 March 1870.

Received

Returning Plans and stating that the question relative to the carrying out of the drainage from Cullamuddy direct to the Pennar River was considered, but put aside being found not to answer expectations, and forwarding correspondence

Copy of a letter from the Assistant Engineer in charge Goolty Range to the Superintending Engineer Division No. 89 dated Goolty 30th August 1869.

In reply to your No. 1493 of the 3rd Instant, I beg to submit the information required by the Chief Engineer for Irrigation, as far as I am able.

From the 6th to the 18th of this month 8 3/10 inches of rain fell about Goolty, and during one night, that of the 15th, about 3 inches fell. I visited the Pennar, as soon as fordable thinking to be able to see plainly the extent of damage done by late rains to the fields of Cullooomuddy, but could see none, and the villagers could show me none, but said that the Nullah water filled up the Channels and prevents their cropping to the fields, the greatest depth of water being about three and a half feet. There is nothing to show that this inconvenience is not of long standing.—

The surface of the ground about this nullah (passing north of Cullooomuddy) is broken and soda earth called by the Natives Sand

I have written to the Actg. A. Assistant Collector for a Statement of remissions made on account of damage done by the nullah, which I shall forward as soon as received.—

I beg to remain &c

(Signed) J. Geary

Asst. Engineer D. P. W.

(True Copy)

W. Bellairs Lieut. R.E.

Superintending Engineer

3rd Division

Bellary

3rd March 1870

Fasliwar	Remissions granted for Kankanadi Channel.			Karnappatti Channel.			Total Remission		
1270	"	"	"	48	2	"	48	2	"
1271	"	"	"	92	6	"	92	6	"
1272	85	10	"	156	12	"	242	6	"
1273	85	10		263	13	"	349	7	"
1274	130	10	"	263	13	"	394	7	"
1275	216	6	"	265	13	"	482	3	"
1276	216	6	"	265	13	"	482	3	"
1277	76	12	"	265	13	"	342	9	"
1278	92	10	"	269	15	"	362	9	"
1279	617	15	"	297	15	"	915	101	"
Total	1521	15	"	2190	3	"	3712	2	"

Bellary Sub Collectors
Office 16th February 1870
Examined

John Sulivan
Sub Collector

Copy of a letter No 1072 dated 18th August 1871
from the acting Collector of Bellary to the
Superintending Engineer 3rd Division:-

I have the honor to return
the letter from the Officer in charge of
the Ghooty Range on the subject of the
Pullamadi Channels.

2. The remissions granted in Fuslies 1279
and 1280 on the land flooded were Rupees 429/-
and 400 respectively so that if Mr Peters'
plan was carried out at a cost of Rs 4000/- this
outlay would yield a return of 5 per Cent:-
even only taking into account the land flooded
without considering the silting up of the Channels
No inconvenience would be caused by diverting
the drainage to the south side of Pullamadi.

3. The ryots have expressed to me their will-
ingness to do some of the work of digging the Chan-
nel but they are not willing to give any
money.

4. I cannot see that the fact of the circum-
stances of this drainage appearing to be of
long standing" is of any importance if Govern-
ment have put off applying a proper remedy
in one year that is no reason why they should
not do it the next year.

5. The Chief Engineer for Irrigation remarks
that the difference between the Revenue realized
at the beginning and the end of the ten years
is Rupees 265.

6. I think this is a wrong way to estimate the loss to Government the loss in my opinion would more probably be the difference between the present amount realized and a sum bearing the same rates to the amount realized at the beginning of the ten years that the average assessment now realized under all Channels bears to the average amount realized ten years ago.

7. The only reason given for requiring the ryots to pay a part of the expence is that the ryots will benefit by it but as Mr Sullivan observes "if this principle was carried out they would be liable to contribute to almost every work that is undertaken". In the present instance the damage at present existing is due to a defect in carrying out the original plan as Mr Porter points out "Had the Project been fully carried out" he says, the end might have been obtained and the inconvenience to the Cultivating people would have ceased."

8. I therefore think that Government ought to put a stop to this inconvenience and bear the whole expence - I must say that the plan of turning the water into the Illoor tank, I like best because, it would enable Government eventually to make use of the water by repairing the tank. It seems a curious thing in this District making plans to carry away water as an utterly useless thing. But this plan I suppose would

+ Scheme

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Commissioner that Government can afford and certainly would not at present yield 5 per cent.

No. 998 dated 2nd Aug.t 1871.

Copy communicated to the Secretary to Government P.W.D. with reference to G.O. No. 1141 of 29th April 1870

Superintending Engineer

Proceedings of the Madras Government
Under date the 29 April 70.
Read the following

From. The Ag: Chief Engineer for Irrigation.

To. The Secretary to the Govt. of Madras P.W.D.

No. 580/10 dated 10th March 1870.

Sir,

I am directed to forward for the information of Government a letter from the Collector of Cuddapah No. 4130. dated 26th December 1869 with enclosures, on the subject of the proposed diversion of the natural drainage near Cullamuddy.

2. The Agent for the Kurnool Cuddapah Irrigation Company has also addressed Government on the same subject, and a copy of his letter is forwarded for information.

3. The Superintending Engineer Southern Circle has been requested to report on the proposal.

I have the honor to be Sir
Your most obedient servant
Chief Engineer for Irrigation.

Read 2d. Despatch from Govt. dated 5th May 1870.

Read 1st. Letter from Govt. dated 29th April 1870.

Referred to the Chief Engineer for Irrigation for report with reference to the Agent's letter and Executive Engineer's D.O. No. 1111 dated 29th April 1870.

Chief Engineer's Office
Madras 11th May 1870.

Copy forwarded to the Superintending Engineer Southern Circle for information and report with reference to the Collector's letter No. 4130 dated 26th December 1869 and Executive Engineer's D.O. No. 1111 dated 29th April 1870.

Chief Engineer for Irrigation.

Copy forwarded to the Collector of Cuddapah for information with reference to his letter No. 4130 dated 26th December 1869.

Superintending Engineer's Office
Southern Circle Trichinopoly
Dated 7th May 1870.

Superintending Engineer Southern Circle.

Copy forwarded to the Executive Engineer Cuddapah for information with reference to his D.O. No. 1111 dated 29th April 1870.

Executive Engineer's Office
Cuddapah 9th May 1870.

Executive Engineer.

Copy forwarded to the Agent for the Kurnool Cuddapah Irrigation Company for information with reference to his letter dated 29th April 1870.

Executive Engineer's Office
Cuddapah 9th May 1870.

Executive Engineer.

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I am directed to state that the Government are not prepared to sanction the estimate for the diversion of the natural drainage near Cullamuddy without much more definite and complete information as to the necessity for the work proposed, and as to its probable effect upon remissions. It is also not at all clear at present that the expense of the work should be borne, either wholly or in part by the Government. The Superintending Engineer's attention is therefore called to the note by the Acting Chief Engineer for Irrigation, and he should, in communication with the Collector, obtain & submit such a further report as will enable the Govt. to decide whether Public money may properly be granted to secure the objects contemplated.

11/5/70

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Copy to the Supt. Engr. 3d Dn.
" Chief Engr. for Irrigation
" Revenue Dept.

Dept. 5/5/70

Enc 987

Govt. of Madras.

PUBLIC WORKS.

To

The Superintending Engineer

3rd Division

Dated

Rec'd. Rec'd. 11

G. O. 29 April 1870. No. 1141

Nos. 1112-1113

Drainage Papers relative to the
Note by the Chief Engr. for Drs
the estimate for the diversion regarding
of the natural drainage near Bellary
viz by the Bellary Dist.