

(1) Number of pages

22

(2) Date of repair

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.
B.P. No.

1440

Press
Mis.

Dated

16. 4. 1877

187

Not to be folded or roughly handled

140

Proceedings of the Madras Government, Revenue Department,
16th April 1877.

No. 352. Read the following Proceedings of the Board of Revenue, dated 3rd March 1877, No. 999:—

Read the following letter from R. J. MELVILLE, Esq., Collector of Vizagapatam, to H. E. STOKES, Esq., Acting Secretary to the Board of Revenue, dated Bobbili, 26th November 1876, No. 1,688:—

With reference to G.O. No. 527, dated 21st April last, communicated in Board's Proceedings, dated 12th May 1876, Miscellaneous No. 3,947, I have the honor to report that the area of the Kondakirila Ava which was excluded from the Permanent Settlement Accounts is 23 kattis 10 visams and 12 tiras, or acres 1,077½. The area in the Permanent Settlement Accounts was of course given by estimate only. No distinction was made as to the area in the upper contour and that in the lower contour. In the upper contour acres 715 are now cultivated by the ryots of the Ankapalli Estate and the Government ryots as shown below:—

Villages.	Area excluded from the Permanent Settlement Accounts.		Area cultivated.		Remarks.
	Ac.	C.	Ac.	C.	
Munagapaka	704	0	378	69	These three villages belong to the Ankapalli Estate.
Vadarapalli	124	0	125	0	
Kakarapalli	71	50	70	50	
Andalapalli	132	0	132	0	Government villages.
Rajam	46	0	9	0	
Total ...	1,077	50	715	19	

The Amin of the Ankapalli Estate states that the figures entered in Column 2 of the statement do not exhibit the actual area as they were approximately calculated at the time of the Permanent Settlement, and that the extent of cultivation depends upon the area from which water recedes after the 15th December; hence the figures in Column 3 are also approximately correct.

The Sarvasidhi Tahsildar reports that in the subsequent accounts of Rajam the land within the water-spread of the Ava in that village is entered as 9 acres. The whole of this is under cultivation.

2. The following table shows the amount of remissions granted during the last 4 years for failure of irrigation in the villages supplied by channels fed by the radanadi below the Godari anicut:—

Fasli 1278.	Fasli 1280.	Fasli 1281.	Fasli 1285.	Total.
RS. 11,660	RS. 6,932	RS. 20,211	RS. 1,682	RS. 40,485

3. The annexed statement shows the extent of Government land under the Kondakirila Ava and the branch channels from the Saradapadi below the Godari anicut which only a single crop is now raised and only a single crop assessment levied,

and which would yield a second crop if an increased supply of water were available. There is no Government land under the Kristamraz channel, the Proprietor of Ankapalli owning all the lands under it:—

Water Source.	SINGLE CROP LAND.		LAND WHICH WOULD YIELD A SECOND CROP.		Extra Cess leviable.
	Extent.	Assessment.	Extent.	Assessment.	
	AC. C.	RS. A. P.	AC. C.	RS. A. P.	RS. A. P.
Kondakirila A...	274 56	1,019 11	274 56	1,019 11	500 11
Channels branching from the Saradadi below the Godari anicut ...	6,257 14	33,900 2	5,164 57	29,852 2 7	14,926 1 3
Total ...	6,531 70	34,985 5 1	5,739 13	30,871 10 6	15,435 13 2

The amount entered in Column 6 is calculated at half of the single crop assessment as laid down in the foot-note appended to Board's Standing Order, No. 20 of 1874. This amount is in each case fairly leviable.

4. The extra water-rate of one Rupee per acre alluded to in the 3rd clause of paragraph 2 of the Government Order under reply was not intended to include second crop cultivation, but to be an additional charge for an additional water-supply to ordinary (i.e., single crop) wet lands.

5. The extent of Government waste and dry land which can be brought under wet cultivation if the requisite water-supply be available and the charge leviable thereon are specified below.

As stated in paragraph 3 there is no Government land under the Kristamraz channel.

Water Source.	TOTAL DRY LAND.		DRY LAND CONVERTIBLE INTO WET.		WASTE LAND.		KANDAKIRI OR LANDS GIVEN UP BY RIOTS.		Total of Columns 6, 8 and 10.
	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	
	AC. C.	RS. A. P.	AC. C.	RS. A. P.	AC. C.	RS. A. P.	AC. C.	RS. A. P.	
Kondakirila A...	6,531 70	34,985 5 1	3,119 81	3,033 2 8	1,161 53	4,270 2 11	63 50	484 10 9	13,467 2 8
Channels branching from the Saradadi below the Godari anicut ...	...	...	...	...	...	...	...	...	...
Total ...	6,691 7	35,565 1 6	3,119 81	3,033 2 8	1,161 53	4,270 2 11	93 6	751 4 7	13,748 5 10

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16th April 1877.

6. The extent of land required for the proposed improvements of the Kristamraz channel is as appended below. Ac. 36 K. 23 V. 6 = Ac. 30 C. 58, and the amount of compensation payable therefor is Rupees 7,299-10-2 in money, in addition to a piece of jeroyati land measuring K. 9 V. 8 and assessed at Rupees 2-6-0, to be granted in lieu of a Mirassi Service Inam included in the above extent:—

Names of Villages.	Nature of Land.	LAND TO BE TAKEN UP.		Amount of Compensation.	Remarks.
		Extent.	Assessment.		
1	2	3	4	5	6
1. Vummalada.....	Jeroyati belonging to Ankapalli Proprietor	1 27 13	15 3 6	804 6 0	
2. Nagulapalli.....	Jeroyati of do.	6 9 3	63 2 8	1,263 5 4	
	Inam	1 2 14	14 3 1	288 13 8	
		7 12 1	77 5 9	1,547 3 0	
3. Vompala.....	Jeroyati of do.	5 4 8	28 14 0	577 2 0	
	Inam	2 16 2	22 1 10	442 4 8	Compensation calculated at 20 years' assessment.
		7 20 10	50 15 10	1,019 12 8	
4. Munagupaka.....	Jeroyati of do.	18 15 1	159 8 4	3,010 6 8	
		1 1 0	11 7 5	225 4 4	
		19 16 1	161 15 9	3,239 11 0	
5. Andalapalli.....	Government Jeroyati	6 17 5	4 5 3	45 4 6	(1) Calculated at 10 years' assessment.
	Mirassi Service Inam	0 9 8	2 6 0	...	
		6 26 13	6 11 3	43 4 6	(2) Compensation should be given in land.
		35 23 6	312 4 1	6,154 5 2	
Add value of 1,820 trees..		...	...	1,145 5 0	
Grand Total ...		...	...	7,299 10 2	

7. Referring to paragraph 3, I beg to state that the District Engineer has been requested to furnish certain information regarding the provision to be made for the drainage of the Ankapalli Ava; and as soon as the information is received, I shall negotiate with the proprietor and communicate the result.

In the foregoing letter the Collector replies *seriatim* to the points on which information was called for in G.O., dated 21st April 1876, No. 527. About two-thirds of the area of the Ava excluded from the Permanent Settlement Accounts is cultivated, and of the cultivated area about one-fifth is held by Government ryots. The Board have already expressed the opinion that compensation must be paid for lands within the water-spread that have been ordinarily cultivated.

2. With reference to paragraph 2 of the Government Order, Mr. Melville reports that remissions granted during the last ten years for failure of irrigation in villages supplied by channels fed by the Saradanadi below the Godari anicut have amounted to Rupees 40,485. It is proposed, the Board believe, to bring these villages under the influence of the anicut by means of the increased supply to the Kristamraz channel, which it is anticipated that the improvements in contemplation will secure. Mr. Goodrich's statement in regard to remissions refers, it is presumed, exclusively to

Proceedings of the Madras Government, Revenue Department, 5
16th April 1877.

lands under the Kondakirla Ava, which apparently get nearly as much water as they require at present. It is not explained, however, why so small an extent of land under the Ava is capable of yielding a second crop as compared with the land under the channels branching direct from the Saradanadi, which are presumably not so favorably situated.

The total area under each source of supply is not stated, but the statement embodied in G.O., dated 24th July 1874, No. 1,998, furnishes the marginally-noted particulars, which are probably still approximately correct. Mr. Melville now states that there is no Government land under the Kristamraz channel, but the discrepancy is not explained.

3. Mr. Melville's estimate of the increase of revenue to be derived from the improvement of the supply is a return of Rupees 15,436 from the extra cess leviable on single crop lands, and Rupees 13,748 from water-rate on dry land converted into wet, but the Board do not understand how, if this be the case, Mr. Goodrich was led to entertain so unfavorable a view of the scheme as that expressed in his letter of 20th November 1875 embodied in the Government Order under reply. Nor is it explained where the large extent of dry land under the Ava capable of irrigation is situated, as Mr. Goodrich distinctly states that the project of cutting a channel through the high land to the south-east has been apparently abandoned, and no mention is made of any other extensive tract under the Ava capable of irrigation. Mr. Goodrich speaks of 500 acres of waste only as capable of being cultivated if supplied, this block being situated near Kopperguntapalem. Altogether the information concerning the areas commanded by the several works is not very clear. Mr. Goodrich states that the contemplated improvements to the Kondakirla Ava will raise the area irrigated to 8,442½ acres, of which 7,462½ acres are for the most part now irrigated by channels led from the Ava; this, however, does not accord with the figures quoted in paragraph 2 *supra*. It is possible that the papers on record in the office of the Chief Engineer for Irrigation may afford the required information. The extra water-rate of 1 Rupee per acre which the ryots of certain villages have agreed to pay for an additional supply appears from Board's Proceedings, dated 24th November 1875, No. 3,204, to amount to Rupees 6,674, so that the total return would seem to be as follows:—

	RS.
Second crop charge... ..	15,436
Water-rate on dry land	13,748
Extra Rupee guaranteed in certain villages... ..	6,674
Saving of remissions based on the average for ten years	4,048
Total	39,906

4. The regular estimate for the improvement of the Kristamraz channel amounts to Rupees 27,760, *vide* G.O., dated 1st October 1875, No. 2,833, Public Works Department, of which the share properly debitable to Government according to the views of the Engineer officers is only Rupees 5,985, but the Ankapalli Proprietor will doubt-

*Proceedings of the Madras Government, Revenue Department,
16th April 1877.*

less object to pay the whole cost of the works debited to him, and it was apparently Mr. Goodrich's opinion that he should not be called upon to do so. The shares of the outlay debitable to Government and the proprietors concerned cannot be definitely ascertained until the result of the negotiations which the Collector was directed to enter into and which have not yet been completed is reported. It will be seen that the provision (Rupees 7,200) in the estimate on account of compensation for land for improvement of the Kristamraz channel very nearly corresponds with the sum now calculated as payable after fuller inquiry. To this must be added compensation for land swamped in the Ava if the claim be admitted.

The Board cannot help thinking that Mr. Melville's calculations of the profits must have reference to the extended scheme so often referred to in the correspondence, but nowhere very clearly defined. The information was called for with reference to G.O. dated 1st October 1873, No. 2,833, which relates to the improvements of the Kristamraz channel alone it is true, but the Board are unable on any other supposition to reconcile Mr. Goodrich's unfavorable view of the scheme with the statement that an annual return of some Rupees 40,000 is to be derived from an outlay of Rupees 27,760, a portion of which is not to be borne by Government. The saving of Rupees 4,000 a year in remissions would alone render it well worth while to incur the whole expense.

6. As regards the storage of water in the Kondakirla Ava, the report called for in paragraph 8 of the Board's Proceedings, dated 20th December 1875, No. 3,383, is still awaited, and as the possibility of executing any improvements depends in a great measure on the decision which will be arrived at on the claim put forward to the right of cultivation in the bed, the negotiations should be expedited.

(A true Copy and Extract.)

(Signed) C. A. GALTON,
Sub-Secretary.

No. 353.

ORDER THEREON, 16th April 1877, No. 1,440.

Irrigation, No. 2.

The Board's Proceedings will be transferred to the Public Works Department for report as to how far the areas indicated by Mr. Melville will be affected by the construction of the works specified in the papers printed with Government Proceedings, 1st October 1875, No. 2,833. Further, should these areas be only partially affected by the construction of the works mentioned, what additional works should be undertaken to secure the returns estimated by the Collector, and their probable cost.

(True Extract.)

(Signed) D. F. CARMICHAEL,
Offg. Chief Secretary.

To the Public Works Department.
,, the Board of Revenue.

Exd. A. F. Goodall.

1440
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No. 3,204.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 24th November 1875.

Read the following letter from R. J. MELVILLE, Esq., Acting Collector of Vizagapatam, to J. GROSE, Esq., Secretary to the Board of Revenue, dated 30th December 1872, No. 1,591:—

WITH reference to Board's Proceedings, dated 22nd October 1872, No. 2,047, I have the honor to forward a statement giving the number of acres in each of the villages referred to in this office letter, No. 1,114, dated 21st September 1872, on which the ryots agree to pay an extra water-rate of one rupee. The total number is 6,674 acres and 52 cents.

2. At the ensuing Jamabandi the Principal Assistant Collector intends to take up the subject of Nagd Mof or money remission. This item amounts in the taluq of Sarvasidhi to Rupees 1,019-12-8, and in that of Golgondah to Rupees 1,990-10-8. It is intended, as far as possible, to carry out the instructions of Mr. Fane when Collector in 1861, and call upon the ryots occupying land on which such remission is allowed to pay full sist or relinquish the land. A large sum of Rupees 1,810-1-8 is remitted from the rent of Golgondah and seven other rented villages. The present lease expires with the fasli; it will, therefore, be possible to reimpose the full assessment should such a course prove desirable. The amount of money remission in the villages to be affected by the proposed improvement in the Ava amounts to Rupees 21-2-6 only.

3. From two letters which I enclose it will be seen that Colonel Fischer, late Superintending Engineer of No. 1 Division, is now of opinion that the result proposed to be attained by works in the Kondakirla Ava can be attained effectually and with more economy by constructing an anicut across the Pengole river near Koppaka somewhat above the existing anicut. With the anicut is to be connected a reservoir capable of containing 150 million cubic yards of water. The estimated cost of the work is below three lakhs of rupees, and the annual return is calculated at half a lakh of rupees. This is supposing a water-rate of Rupees $2\frac{1}{2}$ per acre paid on 20,000 acres. The calculation is, to my mind, rather a sanguine one. From the 20,000 acres must be deducted the Acres 6,674 odd on which the ryots agree to pay an additional rupee per acre.

From this 20,000 acres must also be deducted uncultivable land. The rate of Rupees $2\frac{1}{2}$ is high for this district, and it is doubtful whether the ryots would agree beforehand to pay so heavy a rate. In other respects the scheme seems a good one as far as the unprofessional reader can judge. I am not competent to express an opinion as to the comparative merits of this and the Kondakirla Ava scheme. By that now proposed the question of compensation, which is sure to crop up in the Ava scheme, will be avoided. The supply of water seems ample even taking into consideration that the rainfall this year was above the average and could not be calculated on in an ordinary season.

Faint handwritten notes:
Faintly Gt 22 Oct 77
12 3133

REVENUE

Oct. of (1877) 31/10/77

APRIL

Nov. 352,353.

Vertical text on the left margin:
Kondakirla Ava Project in Vizagapatam District.—Referring to the Public Works Department Proceedings, Board of Revenue, relating to — for report as to how far the area indicated by the Collector will be affected by the construction of the works specified in the G.O. indicated.

ENCLOSURE No. 1.

From Lieutenant-Colonel J. F. FISCHER, R.E., Acting Superintending Engineer, 1st to R. J. MELVILLE, Esq., Acting Collector of Vizagapatam, dated 2nd November No. 5-A.

I HAVE the honor to report, for your information, that I examined the Pengole morning for a reservoir, and found a very good site about a quarter mile above the anicut. I find this river discharges in heavy freshes from $1\frac{1}{2}$ to $1\frac{3}{4}$ million cubic yards and rises from 5 to 6 feet in the anicut at such times; the length of this work is about and a reservoir dam would have to be of the same dimensions. I am unable to give information regarding the water-supply of the river until I have examined more fully the but from what I saw to-day I believe there will be no difficulty in constructing such a work purpose of irrigating the lands of the Sarvasidhi Taluk and far more economically than done from the Kondakirla Ava. Mr. Turner will take up this project as soon as possible approve of further investigations being made, but he will require the services of a surveyor as Mr. Fletcher must soon return to the Jeypore Ghaut works, and I trust you will enough to recommend such an establishment being entertained for this work and the river investigations. I see no reason why we should not distribute 120 million cubic yards from the Pengole river during the monsoons. This is enough for 15,000 acres of land Rupees 2 an acre water-rate, I think the project will pay from 15 to 20 per cent. as far judge at present.

ENCLOSURE No. 2.

From the same Officer, dated Dowlaishweram, 26th November 1872, No. 3,048
In continuation of this office letter, No. 5-A, of the 2nd instant, I have the honor to statement of the register of water flowing over the Kpopaka anicut during the month July, August, September, and October 1872. The season, as far as I have been able to a very fair average one for rainfall in the Vizagapatam District, so that the results of the letter may be considered as exhibiting the average supply which could be stored in the reservoir.

2. The length of the anicut I take at 300 feet; its actual length is 290 feet, but some under and head sluices and a small vent in the body wall through all of which water but which it is impossible to allow for accurately, and in my calculations I have used a of 667 for weirs and made all entries by quarters or halves omitting other fractions which are able to make any allowance for velocity of approach, which is always very great in such streams. I find then the quantities of water passing down the river in each month to be as below:

In June...	27 million cubic yards.
„ July...	78½ „ „
„ August...	27 „ „
„ September...	280½ „ „
„ October...	173½ „ „
Total...	586½ „ „

3. At two cubic yards per hour per acre, one acre requires for a month's supply cubic yards of water; in the first three months the reservoir would have received million cubic yards of water; in June of course none could be supplied for cultivation other two months if all the supply were drawn off there would be enough for 33,000 acres and in September and October there was abundance of water to have matured the full area, but I should be disposed to limit the extent of this to 20,000 acres of construct the reservoir to contain 150 million cubic yards of water, or about one-fourth above given. Much of the water shown in the statement as passing over the anicut stored in the reservoir and utilized from it without filling such a tank and escaping and the reservoir will then probably in ordinary seasons distribute a much larger quantity

1440/06
is calculated to contain, but the project, limited as I have made it, will, I think, be remunerative enough, for, with a water-rate of Rupees 2½ per acre, the return would be half lakh from 20,000 acres, and we did not estimate the work to cost three lakhs of rupees, which would be a return at the rate of 16½ per cent.

4. In limiting the capacity of the tank to 150 million cubic yards of water and 20,000 acres of cultivation, I have had in view the frequent failures of the north-east monsoon on that part of the coast as well as the small supplies received in the early months of the south-west monsoon; the supply in September may be called upon to supplement either in any year and as 20,000 acres of land requires a store of 40 million cubic yards for one month's supply; if the tank filled in the early or latter part of this month, the store would suffice to carry on the cultivation, and leave a considerable quantity in it for use during the dry weather after November's requirements have been supplied, when it will be of the greatest benefit in any bad seasons for drinking purposes both for man and beast.

5. I trust the information I have been able to put together in a short time will be sufficient to induce the Revenue Board to move in the matter and recommend the project for the consideration and orders of Government. This is, I am convinced, the only way to benefit the Sarvasidhi Taluk by irrigation, and the land in this is chiefly Government property; if the Zemindars will not join in the improvement of the country, there is, I fear, nothing for it but to enforce the Land Act, for the district cannot be allowed to suffer from famine or scarcity looking only to the Government for relief.

ENCLOSURE No. 3.—Statement.

In his letter above recorded the Collector submitted certain information called for in Board's Proceedings, dated 22nd October 1872, No. 2,047, and forwarded certain letters from Colonel Fischer, Superintending Engineer, proposing the construction of an anicut across the Pengole river near Koppaka and the formation of a reservoir for the irrigation of the tract of country specified in lieu of the Kondakirla Ava scheme, by which course it was stated that the question of compensation involved in the latter project would be avoided.

2. The disposal of this letter has unfortunately been delayed by an oversight, and it would be useless at this distance of time to forward the papers to Government. The Board believe that Colonel Fischer's scheme is under investigation in connection with the Ava project. The Collector will state whether such is the case, and what prospect there is of an early settlement of the question. The disposal of the matter depends upon the reports called for with reference to G.Os., dated 12th December 1873, No. 2,994, and 20th May 1874, No. 1,339, Public Works Department, and the Collector should expedite his reply as recently directed with reference to G.O., dated 1st October 1875, No. 2,833, Public Works Department.

3. The manner in which the fixed remissions alluded to in the letter above recorded have been dealt with should be reported.

(True Copies and Extract.)

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

To the Acting Collector of Vizagapatam, with two original enclosures returned.
Exd. J. W. Fischer.

Kondakirla Ava Scheme—in Vizagapatnam District.—Calling for further report with reference to Colonel Fischer's proposal for the construction of an anicut across the Pengole river near Koppaka and the formation of a reservoir for the irrigation of the tract of country in lieu of —.

NOVEMBER.
No. 3,204.

Received
B 16-4-77-1440

Assn: 1744/199

Encl.

PROCEEDINGS, 24TH NOVEMBER 1875, No. 3,204.

1875. Board of Revenue, MADRAS.

No. 999.

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2. The following table shows the amount of remissions granted during the last ten years for failure of irrigation in the villages supplied by channels fed by the Saradanadi below the Godari anicut :—

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		7 12 1	77 5 9	1,547 3 0	
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Add value of 1,820 trees..		...	...	1,445 5 0	
	Grand Total ...	...	...	7,299 10 2	

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GOVERNMENT LAND UNDER			
Kristamraz Channel.	Kondakirla Ava.	Kas' idum	River channels branching from Saradanadi.
ACRES.	ACRES.	ACRES.	ACRES.
159.46	2003.69	405	3194.59

The total area under each source of supply is not stated, but the statement embodied in G.O., dated 24th July 1874, No. 1,938, furnishes the marginally-noted particulars, which are probably still approximately correct. Mr. Melville now states that there is no Government land under the Kristamraz channel, but the discrepancy is not explained.

3. Mr. Melville's estimate of the increase of revenue to be derived from the improvement of the supply is a return of Rupees 15,436 from the extra cess leviable on single crop lands, and Rupees 13,748 from water-rate on dry land converted into wet, but the Board do not understand how, if this be the case, Mr. Goodrich was led to entertain so unfavorable a view of the scheme as that expressed in his letter of 20th November 1875 embodied in the Government Order under reply. Nor is it explained where the large extent of dry land under the Ava capable of irrigation is situated, as Mr. Goodrich distinctly states that the project of cutting a channel through the high land to the south-east has been apparently abandoned, and no mention is made of any other extensive tract under the Ava capable of irrigation. Mr. Goodrich speaks of 500 acres of waste only as capable of being cultivated if supplied, this block being situated near Kopperguntapalem. Altogether the information concerning the areas commanded by the several works is not very clear. Mr. Goodrich states that the contemplated improvements to the Kondakirla Ava will raise the area irrigated to 8,442½ acres, of which 7,462½ acres are for the most part now irrigated by channels led from the Ava; this however does not accord with the figures quoted in paragraph 2 *supra*. It is possible that the papers on record in the office of the Chief Engineer for Irrigation may afford the required information. The extra water-rate of one Rupee per acre which the ryots of certain villages have agreed to pay for an additional supply appears from Board's Proceedings, dated 24th November 1875, No. 3,204, to amount to Rupees 6,674, so that the total return would seem to be as follows:—

	RS.
Second crop charge...	15,436
Water-rate on dry land ...	13,748
Extra Rupee guaranteed in certain villages ..	6,674
Saving of remissions based on the average for ten years ...	4,048
Total ...	39,906

4. The regular estimate for the improvement of the Kristamraz channel amounts to Rupees 27,760, *vide* G.O., dated 1st October 1875, No. 2,333, Public Works Department, of which the share properly debitable to Government according to the views of

Memo for orders.

R.D.

341 Proceedings 3rd March 77.

No 999

Kondakirila. Ava Project

Vizagapatam

The Bd. were called upon to procure information on the 6 points indicated in G.O. 21st April 76 - No 527 before the Bd. desposed of the questions raised in G.O. 1st October 1875 No 2,833. The Bd. was submitted with their remarks a letter from Mr. Melville supplying the information asked for. According to Mr. Melville's figures the revenue to Govt. was estimated at Rs 39,900, of which Rs 5,000 was against an expenditure of Rs 27,760, - of which half

the Engineer officers is only Rupees 5,985, but the Ankapalli Proprietor will doubtless object to pay the whole cost of the works debited to him, and it was apparently Mr. Goodrich's opinion that he should not be called upon to do so. The shares of the outlay debitable to Government and the proprietors concerned cannot be definitely ascertained until the result of the negotiations which the Collector was directed to enter into and which have not yet been completed is reported. It will be seen that the provision (Rupees 7,200) in the estimate on account of compensation for land for improvement of the Kristamraz channel very nearly corresponds with the sum now calculated as payable after fuller inquiry. To this must be added compensation for land swamped in the Ava if the claim be admitted.

5. The Board cannot help thinking that Mr. Melville's calculations of the profits must have reference to the extent of the works so often referred to in the correspondence but nowhere very clearly defined. The information was called for with reference to G.O., dated 1st October 1875, No. 2,833, which relates to the improvements of the Kristamraz channel alone it is true, but the Board are unable on any other supposition to reconcile Mr. Goodrich's unfavorable view of the scheme with the statement that an annual return of some Rupees 40,000 is to be derived from an outlay of Rupees 27,760, a portion of which is not to be borne by Government. The saving of Rupees 4,000 a year in remissions would alone render it well worth while to incur the whole expense.

6. As regards the storage of water in the Kondakirila Ava, the report called for in paragraph 8 of the Board's Proceedings, dated 20th December 1875, No. 3,383, is still awaited, and as the possibility of executing any improvements depends in a great measure on the decision which will be arrived at on the claim put forward to the right of cultivation in the bed, the negotiations should be expedited.

(A true Copy and Extract.)

Ch. Chatterjee
Sub-Secretary.

To the Secretary to Government, Revenue Department,
with copy of Board's Proceedings, 24th November 1875, No. 3,204.
the Collector of Vizagapatam.

Exd. A. Grubert.

Kondakirila Ava Project - in Vizagapatam District - Submitting to Government Board for observation with reference to letter from Collector furnishing information called for certain points in connection with -

MARCH.
No. 999.

Received. 11th March

1876-77 No 1140

Copy 139 received 17

PROCEEDINGS, 3rd MARCH 1877, No. 999.

BOARD OF REVENUE
MADRAS. No. 1144

1870 1877. Dept

R 5,585 as were to
be contributed by Govt.

There seems however
as stated by the Board,
to be some radical
misconception in the
last of the District Officer,
as to the extent of
the project - W. Goodall
marks apparently
applying to the Kustumung
channel works. W.
Melville's figures to
some larger, but not
as yet clearly defined
project.

* See Memorandum of Ch. Ferguson
for Miyafuni - S.O. 12th Dec 72
N^o 2,994

It is submitted that
these Proceedings should
be communicated to the
P.W. Dept. for report
as to how far the
areas indicated by
W. Melville will be

How as this & the
of the matter can
be introduced into
a map.
B. H. [Signature]

1440
affected by the works
given in detail in the paper printed with
the plan of the [?] [?]
Oct 1st 1873 - 2,833 - and
also (if the whole area
inclosed would not
be affected by these works)
what additional work
it would be necessary
to carry out in order
to obtain the return
estimated by the Collector
whether such work
should be provided for

30.3.77

partially affected by
 the construction of the
 works mentioned, that
 additional work shall
 be ^{undertaken} continued to make
 the values estimated by
 the collector - and
 their probable cost -

14.4.77

21.5.77 P.M. 8.45.77
 14.4.77 of Revenue

Koridathur Area Project -

Order No. 1440 of 16-6-77

The Bri Proceeds will be
 transferred to the D.D. for
 report as to how far the
 areas indicated by W.
 Indurthi, will be affected
 by the construction of the works
 provided specified in
 the papers submitted with S. No.
 1st Oct 1875 - No 2, 833 - Further
 should these areas be

Sanction note: 6/4/77, 14/4/77
 21/4/77 - 21/4/77