Rvanne Departmont

№ 219

Dated 16—2—1859

219

No. 17. Read the following letter from J. W. B. DYKES, Esq., on Special Duty; to J. D. BOURDILLON, Esq., Secretary to Government, in the Revenue Department; dated Rajahmundry, 31st January 1859.

SIR,

The Acting District Engineer of the Kistna Delta, having reserved to himself the right of protesting against any results obtained, under existing circumstances, by the survey ordered in Min. of Con.* under date the 12th March last, I requested to be informed, on the survey coming to a close, whether it was intended that this right should be exercised. And I beg now to submit for the consideration of Government a copy of my letter† to Captain Chambers and his reply‡ received this day.

* *Revenue Department, No. 329.*

† 19*th January* 1859.

‡ 27*th January* 1859, *original.*

2. "As an officer of a scientific Corps, and one who thinks that a survey to be of value must be accurate," Captain Chambers,§ observes that the results obtained are "a very doubtful approximation", and wishes‖ that the correspondence should be laid before Government.

§ *Para.* 1.

‖ *Para.* 20.

3. Captain Chambers refers to Cunkipad as strengthening him in his belief. Since I have made the concealed irrigation in that village 23 per cent.; whilst "with the same survey and the same Tahsildarry returns" he has come to an entirely different conclusion.¶ Captain Chambers makes the result of the survey 10¼ per cent.

¶ *Para. 3.*

4. In a note to para. 5 Captain Chambers modifies this striking difference considerably. Owing to changes made by the Tahsildar, the extent of concealed irrigation rises according to Captain Chambers' own mode of calculating it, to 19½ per cent., and leaves our conclusions, not quite, so "entirely different." It still leaves however a difference of 4 per cent.; and even this modified difference would, if not capable of explanation, go far towards depriving the statements, which I have now done myself the honor of submitting for consideration, of any value whatever.

5. As it is, the explanation is easy. Captain Chambers has made his calculations apparently, on the Tahsildar's amaracum or dittom. I confined myself as regards the Tahsildar's returns to the recorded irrigated area for 1857-58, and the actual increase in this year's irrigation as deposed to by the village authorities, and confirmed by the Tahsildar's; and I need only further observe on this subject, that Captain Chambers has limited his calculations on this occasion to *transplanted* paddy; whilst in his letter of the 8th November last,** the broad cast paddy was included in the irrigated area; and the irrigated area was thus given at 988 instead of 911¼ acres. The broad cast paddy had been irrigated. It was of course treated by me as part and parcel of the irrigated area; and this of course swells the proportion of concealed irrigation, and increases any difference there may be in our conclusions.

** *Correspondence No.* 4.

6. With regard to Captain Chambers' expression of regret that I should only have appended a portion of Mr. Ottman's letter to my report as it describes very fairly "the amount of correctness of his survey," I beg to state that so far the whole letter has been given. From the accompanying copy in full,†† it will be seen that the omitted portion had reference only to some land sown broad cast and some land in dispute.

†† *Correspondence No* 6.

I further beg to annex copies of the whole correspondence‡‡ referred to in my letter of the 19th Instant for the information of Government, if required.

‡‡ *Eight letters.*

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From J. W. B. DYKES, Esq., on Special Duty; to Captain CHAMBERS, Acting District Engineer, Kistna Division; dated Cunkipad, 19th January 1859.

SIR,

With reference to your letter of the 23d September in which you observe at para. 4 that "any idea of obtaining correct results" (as regards the survey now concluded) "under these circumstances appears to me a delusion," and subsequently reserve to yourself the right of pro-

testing against such results, I have the honor to request now that you will be so good as to inform me whether you wish to exercise this right, in which case it will be my duty to forward your protest for submission in due course to Government.

2. In the next para. you express your regret that I should have abandoned the survey of Tamersa, and your opinion, that in Cunkipad, the village selected in its stead by the Collector, the actual "cultivation" "will be found not to differ in any great degree from that recorded in the Collector's statement."

3. With regard to this opinion I beg to inform you that a comparison of your survey results with the Tahsildar's Returns shows the probable extent of concealed irrigation in this village to be 23 per cent., and, as I have stated in my report on the Kistnah, this is the highest proportion of concealed cultivation brought to light in any one of the four villages surveyed.

4. For reasons, which I have also given at length in my report, I am inclined to believe, that the survey results are what might be anticipated. But, as, in your opinion, Tamersa is the village in which the greatest discrepancy would have been found; I have the honor to request that you will do me the favor of having it surveyed. I propose sending in a second report on the Kistna to lay before Government the results obtained on measuring in this Delta the first crop for the current season, 1858-59, under Minutes of Consultation of the 11th December last, and I will defer the dispatch of this report if necessary till such time as I receive the survey of Tamersa. In this instance we shall be able to compare the results of the survey with the Tahsildar's Returns for the current year.

5. From para. 3 of the letter under acknowledgment, I am inclined to believe that your protest had reference more especially to the latter part of my Telegram of the 6th September, wherein I requested, that "any land irrigated last year, though it has not been this year should be included," *i. e.*, in the survey. And this belief is strengthened by what follows* in your letter of the 30th Idem. You there observe that "the assertion in the 2d para." of my letter of the 24th September, "that all the lands in Cowtarum and Dogypurroo that were irrigated last year have been watered, this does not talley with a statement from Mr. Ottman to me that a patch of several cutties watered last year had been planted with dry crops this year." And you then go on to express your belief that this was "an account of the increased teerva jasty demanded by the Collector."

* *Para. 3.*

6. For the true cause why this land was thrown out of cultivation, I beg to refer you to the letter† which you subsequently received from Mr. Ottman and forwarded to‡ me with the survey of Cowtarum. Increased teerva jasty could scarcely have been the cause why the land was thrown out of cultivation; if Mr. Ottman is to be believed, when, writing on the spot, he states that "these lands would have had been cultivated, had the ryots holding them allowed others to cultivate them." And I have therefore appended to my report a copy of so much of this letter, as explaining very satisfactorily, which otherwise I should have had much difficulty in explaining. The changes that have unfortunately been made, in the Godavery Delta, in the rates of assessment, have had, there, an injurious effect on the spread of irrigation. But a careful examination of the assessment levied as yet in this Delta, so far as the four villages surveyed would show, does not lead me to believe that assessment, here, has had any such effect; and in reply to my Telegram of the 20th you yourself have informed me that you have received no information with respect to any land cultivated last year in Dogypurroo being abandoned this season. From your not saying any thing about it, I presume that the same holds good with regard to both Cuppelaiswarum, the survey of which you inform me in the next para. has been dispatched "by this days post" and Kunkipad, the survey of which was forwarded to me on the 8th November equally without remark on this point.

† 13*th November* 1858.
‡ 11*th December* 1858.

7. As it is however desirable that there should be no room for a mistake in so important a matter, I have the honor to request that you will be so good as to inform me whether this inference is correct as far as was ascertained. And there now only remains one more point to which I need refer.

8. In forwarding the survey of Cowtarum you state that the survey acreage "*should* be reduced about 2 per cent.;" but, in reply to my letter of the 1st Instant, requesting to be informed whether a similar deduction should be made for the other 3 villages, I learn by your letter of the 7th Instant, that, after sending off the survey, you measured Mr. Ottman's chain, and finding it had stretched more than 1 foot are now of opinion that the deduction of 2 per cent. is not necessary in Cowtarum. In the other 3 villages you think "a deduction of from 1 to 2 per cent." "*might* be made."

9. It is fortunate that I made this enquiry as I had made out the results in Cowtarum with reference to your first opinion. This has of course now been set to rights and with regard to the other 3 villages I shall equally abstain from altering in any way the results received from you.

(True Copies,)

(Signed) J. W. B. DYKES,
*On Special Duty.*

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From S. CHAMBERS, Esq., Acting District Engineer; to J. W. B. DYKES, Esq., on Special Duty; dated Bezoarah 27th January 1859, No. 742.

SIR,

*Dated 19th January 1859.*

In reply to your communication, as per margin, I have the honor to inform you that I am still of opinion that the surveys undertaken this season, 1858-59, for the purpose of determining the amount of paddy cultivation in certain villages in 1857-58, are incorrect and unsatisfactory: what has been actually obtained by the surveys is an approximation of the present season's wet cultivation in these villages, and with this data, and the Tahsildar's reports of what new cultivation has been undertaken in the present Fusly, you have ingeniously constructed the area probably irrigated in 1857-58; this result, though perhaps accurate enough to enable you to generalize and to give Government a rough idea of what excess of actual irrigation over the reported area there was in Masulipatam in 1857-58, is, you must allow me, as an officer of a scientific corps, and one who thinks that a survey to be of value must be accurate, to observe is not a critically correct result, and is, in my opinion, as I before had the honor of telling you, a very doubtful approximation to what last year's wet cultivation really was.

2. I am further strengthened in this my belief by your informing me "that a comparison of my surveys with the Tahsildar's returns shows the probable extent of concealed irrigation in Kunkipaud to be 23 per cent.

3. Now with the same survey and the same Tahsildary returns I come to an entirely different conclusion.

4. The Kunkipaud survey gives 911¼ acres of transplanted paddy for 1858-59; for the same year the Tahsildar returns 858¼ acres of transplanted paddy or nearly 6 per cent. less. Last Fusly he returned 469 acres or 389¼ acres less than his present return; the latter amount is therefore the presumed increase of cultivation and must be deducted from our surveyed area (911¼ acres) of the present year to give the presumed area for 1857-58; this difference is 522 acres. Now our presumed or probable acreage for 1857-58 being 522 and the Tahsildar's return for the same Fusly being 469, it is evident that the probable concealed cultivation last season in Kunkipaud was 53 acres or not quite 10¼ per cent, and this result tallies almost with the rough Survey to which I alluded in para. 5 of my letter of the 23d September last, and which I asserted gave results less than 1-10th in excess of the Tahsildar's returns.

5. If you and I come to such different conclusions with the same data before us, one giving an excess of 23 per cent. and the other an excess of *10¼ only, how can I do otherwise but think doubtfull of the results obtained by you?

* *The Tahsildar has since corrected his return for this year from* 858¼ *to* 800¼ *and lastly to* 796 *acres; this latter amount, when a cultivation similar to that in the text has been made, gives a result for* 1857-58 *of a little more than* 19½ *per cent. in excess.*

6. Leaving this subject and referring to para. 4 of your letter I beg to observe that my expressed regret that Tamersa was not one of the villages measured arose from its having the largest irrigated area of any village in Masulipatam and therefore the one offering the freest field for discrepancies, but I have since learnt from you that its lands have been more than once Sur-

veyed or measured by the Revenue authorities; this being the case I would rather not have the village surveyed again unless you are particularly desirous of having it done, as I am short of hands now that the annual Anicut and channel repairs are commencing, and could send no one but a native Surveyor, and him I have already promised to employ in checking the Surveys made for the Collector in the Zemindaries.

7. I have however had two other villages surveyed near this, Gungoor and Edoopoogal, a Memo. of the approximate acreage of which under irrigation I subjoin as I think you might be interested in seeing it.

8. In paras. 5 and 6 you offer remarks on certain lands in Cowtrum being left uncultivated and come to the conclusion that dread of hearing to pay an increased teervajasty has had nothing to do with ryots declining to cultivate either there or elsewhere: I do not go quite so far as that, but think it the case in the main. My observation respecting the uncultivated lands of Cowtrum arose from Mr. Ottman having personally informed me that the ryots there were alarmed at the idea of having to pay an enhanced water rate; he was probably mistaken and, as you observe, has since assigned a more likely reason for the 60 odd acres in the village being left waste, but it was not unnatural in him nor in me, knowing that the precise amount of water rate to be levied was still an unsettled question, to believe that there was some hesitation on the part of the cultivators to take up all the land in Cowtrum.

9. You mention having appended to your report a portion of Mr. Ottman's letter; I regret that the whole letter was not appended as in it the amount of correctness of his Survey is very fairly described.

10. Neither in Dogepurroo, nor in Cowtrum, nor in Kunkipaud does any thing cultivated last season appear to have been left waste this; had there been lands so circumstanced, the fact would have been duly noted in the Surveys.

11. In answering the last para. of your letter I must first premise that the correctness of a Survey in the monsoon, such as my officers and subordinates have lately been engaged upon, their chain men and they themselves being up to their knees in slush and water and constantly defending themselves from leeches, is affected by two things, first by the Chain men not stretching the chain taut, and secondly, by the chain itself becoming lengthened by the rough usage it undergoes in being pulled through mud.

12. The first error gives a result above the true area, and the latter error one below the actual area.

13. The amount of the first error can only be guessed and varies with the difficulties experienced by the Chain men: a slackness of chain of 6 inches per 100 feet gives a result of 101 acres in every actual 100; one amounting to 1 foot per 100 gives 102 acres for the 100 acres. This error has to be deducted.

14. The amount of the second error is found by measuring the chain which has stretched itself; it is similar in amount to the first error for similar lengths but has to be added.

15. These errors tend to destroy one another.

16. Mr. Ottman's chain was not measured by him but by me and was found at the end of the Survey above 101 feet in length; an addition of 2 per cent. must therefore be made to the area shown in his plan, and a similar deduction should be allowed for his not stretching his chain taut—in other words the errors may be supposed to destroy one another.

17. Mr. Wiffen constantly corrected his chain by taking off links or parts of links, and Lieutenant Beatty, finding that his chain had stretched greatly by the end of his Survey, on calculating the area of his village, made the necessary addition. Any correction therefore remaining to be made in these latter Surveys by me is one for slackness of the Chain men in stretching the chain and is a deduction; as above stated it is a guess and varies from one to two per cent. according as the slackness of the chain varied from 6 to 12 inches.

18. I think the above will explain my meaning when I asserted that a deduction from the areas of Coplaiswarapooram and Doggepurroo *might* be made.

19. You will perceive by the above how far from scientifically correct Surveys must be which require such correction: I will further add that the traversing of all the Surveys being as much checked as possible by diagonal lines, it was a matter of frequent occurrence to find on plotting each of the 4 Surveys, that these diagonals were from 20 to 30 feet out.



20. I think that these explanations should be laid before Government together with my former letter, as it is certainly desirable that they should be made acquainted with the degree of accuracy obtained in the Surveys on which your report is based.

*23d September* 1858, *No.* 355.

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MEMO.

The irrigated area of the following villages in the Bezoarah talook, exclusive of broad cast paddy, of which no record has been made, was as follows in the year 1858-59.

Gungoor..... 220 Acres.
Edoopoogul..... 436 Acres.

The Surveys were made by a thoroughly qualified native Surveyor.

BEZOARAH, *27th January* 1859.

(Signed) O. S. C. CHAMBERS,
*Actg. District Engineer Kistna Divn.*

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CORRESPONDENCE No. 1.

From Capt. O. S. CHAMBERS, Acting District Engineer; to J. W. B. DYKES, Esq., on Special Duty; dated Bezoarah 1st September 1858, No. 303.

SIR,

In reply to your communication of the 27th Ultimo, I have the honor to observe that a survey made at present of the area watered in 1857-58 by the Kistnah in the villages of Cowtarum and Tamersa is quite out of the question; the wet lands in these villages have been ploughed up, planted with paddy and are now, more or less, under water and in this state they will remain until the end of the year: any attempt to ascertain what was cultivated in 1857 must be based upon information supplied by Kurnums and other revenue servants who are exactly the persons whose returns the Government is desirous of checking.

2. I shall be ready immediately after the N. W. Monsoon to survey the villages of Cowtarum and Tamersa for the Collector and of Dogepurroo* and Cowlaiswarapooram† for myself, and request that you will obtain from the former officer a statement shewing the arrears under irrigation in these 4 villages during the present year 1858-59.

* *Goodevadah Talook.*
† *Boozeed Purganah.*

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CORRESPONDENCE No. 2.

From Capt. O. S. CHAMBERS, Acting District Engineer to J. W. B. DYKES, Esq., on Special Duty, Goodewadah; dated Bezoarah 23rd September 1858, No. 355.

SIR,

In reply to your letter of the 21st instant, I have the honor to state for your information that I have ordered Mr. Overseer Wiffen to undertake immediately the survey of Kunkipaud, and that the measurement of the villages of Cowlaswarapooram and of Doggepurro will be commenced by Lieut. Beatty and Assistant Overseer Butler as soon as the important work on which they are now engaged, the landing, housing and comparing with the invoice, of 2 steam Dredgers and 1 six horse power Engine, and pumps, allows them to leave Masulipatam.

2. Though, in consequence of the receipt of your Telegram of the 6th I have made these arrangements as well as that for the survey of Cowtarum by Mr. Sub-Engineer Ottman, at great inconvenience, for at the present time of the year every officer should be attending to the distribution of water and to the relieving submerged lands of drainage, I think it but fair to myself to put on record my opinion, with which you are already acquainted, that any survey undertaken at this time of year, when the fields are in places knee deep in water, must be incorrect and unsatisfactory.

3. With respect to your being able to obtain any correct measurement of what was cultivated *last year*, I hold it to be entirely out of the question, you heard Lieut. Magnay, who surveyed the wet cultivation of a village in Guntoor last year, express his utter inability, with the

present crop on the ground, to say what had and what had not been, under rice in Fusly much less must a channel superintendent, whose duty lies enclusively along channel able to point out with accuracy the limits of the past season's cultivation? And in him information must be sought from the Revenue and village authorities the very accuracy of whose measurements has been called into question.

4. Any idea of attaining correct results under these circumstances appears to m sion, but none the less will I push on the survey as Government has decided that undertaken now, reserving to myself the right of that any results attained by us are any thing more th doubtful approximation to what last years' wet really was.

*Your Telegram of 16th instant.*

5. I am sorry that you should have abandoned the survey of Tamersa; po are certainly under water, but as it is the village with the largest wet cultivation of t Collectorate, so it is the one in which, in my opinion est discrepancy between recorded and actual acreage been found: Kunkipaud, in which the wet cultiva tirely new, is a village which has been constantly under the eye of the District En the executive officer of the Bezoarah talook, and which has been managed by a Tahsild of shewing a great extent of wet cultivation as a claim and recommendation for prou actual cultivation for Fusly 67, if it can be measured, will be found not to differ ir degree from that recorded in the Collector's statement; it was roughly measured by (Native) of my Department last year, and his results were less than $\frac{1}{10}$ in excess of the figures.

*Nearly 3,000 acres.*

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CORRESPONDENCE No. 3.

From Captain O. S. CHAMBERS, Acting District Engineer; to J. W. B. DYI on Special Duty, Goodewadah; dated Weyoor, 30th September 1858, No.

SIR,

In reply to yours of the 24th Ultimo, I do myself the honor to inform you, tha and suggestions contained in the 3d and 4th paras. of the same, have been, and shall ed to.

2. The Extract Minutes of Consultation forwarded by you, I beg to return, had already reached me. The wish of the Government, that the *present* years' i surveyed, will be difficult of realization, owing to the time of the year in which t carried on: I was surprised, yesterday and the day before, to see the quantity of lan still being ploughed up for paddy, and Mr. Ottman assures me that since he bega trum survey a considerable extent of land has been freshly planted in that village.

3. The assertion in the 2d para. of your letter, that all the lands in Cowtrum purroo that were irrigated last year, have been watered this, do with a statement from Mr. Ottman to me that a patch of seve watered last year has been planted with dry crops this year, ou the increased tervajasty demanded by the Collector; I have ordered this area to b the survey but to be colored differently from the irrigation.

* *In Cowtrum.*

4. Lieutenant Beatty went over the cultivation of Cowlaiswarapooram this mor a reconnoissance of the same, but, until the dredges and other machinery referr former letter are landed, I regret that neither that village nor Doggepurroo can be upon.

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CORRESPONDENCE No. 4.

From Captain O. S. CHAMBERS, Acting District Engineer; to J. W. B. DY on Special Duty, Goodewadah; dated Bezoarah, 8th November 1858, No

SIR,

I have the honor to forward the survey of irrigation at Kunkipaud from whic pear that there are 988 acres cultivated of which 76¾ are broad cast paddy.



CORRESPONDENCE No. 5.

From Captain O. S. CHAMBERS, Acting District Engineer; to J. W. B. DYKES, Esq., on Special Duty, Goodewadah; dated Bezoarah, 11th December 1858, No. 554.

SIR,

I do myself the honor of forwarding a plan of irrigation of the village of Cowtrum.

2. The acreage under Kistna channels, inclusive of a small quantity of broad cast planted in the bed of the tank, and exclusive of the small patch, cultivated by the villagers but in dispute between them and the inhabitants of Ventroomilly, is 1,261·4 acres, but this, owing to the difficulties of correct chaining in water, should be reduced about 2 per cent., an amount that allows of a slackness of chain of 1 foot per 100.

3. By the annexed letter to my address, from Mr. Ottman, who conducted the survey, you will perceive that it has no pretensions to scientific accuracy, although it gives, I entertain no doubt, a tolerable true idea of the amount of land under irrigated paddy in the village of Cowtrum during the present Fusly.

4. You will observe by the plan that certain lands irrigated last year have been thrown out of cultivation in the present season, they amount in extent to about 60 acres.

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CORRESPONDENCE No. 6.

From A. F. OTTMAN, Esq., Sub-Engineer Kistnah Division; to Captain O. CHAMBERS, Acting District Engineer; dated Masulipatam, 13th November 1858.

SIR,

In forwarding the survey of the Cowtrum cultivation, I beg to state that offsets could not be taken of many of the fields as the banks were under water; every care was taken to measure even the smallest angle; although this was done, I cannot say the work is very correct; cross measurements were taken and they have been marked on the plan, but in many cases they are not correct, as you are aware that the survey was taken at a time when there was heavy rains and the lands covered with water, and it was not possible to take correct measurements. The survey although not very correct will so far give a good idea of nearly the amount of land, cultivated this season. I have also measured the lands irrigated last year, but laid waste this season, these lands would have had been cultivated, had the ryots holding them allowed others to cultivate them, but it appears to be a practice for them not to give them up.* The broad cast white paddy (in bed of tank) I have taken in as that cultivation requires as much water as the wet crops, being of the same quality of the paddy as that transplanted, and should therefore be taken and placed under wet cultivation. The land under dispute as claimed by the Cowtrum ryots, I have taken in, as the dispute has not been settled as yet between Cowtrum and Ventroomilly; from the situation of the land, which is out of the limits of Cowtrum, I am inclined to think that it belongs to Ventroomilly though cultivated by the Cowtrum ryots. The lands have been placed as situated on the sides of the village, but no distances have been taken. I trust the survey will be found correct.

* *Copied up to this for the Report.* *J. W. B. D.*

*The survey is a survey of the irrigated patches alone and not of the village.* *O. C.*

(True Copy.)

(Signed) O. S. CHAMBERS,
*Acting District Engineer, K. D.*

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CORRESPONDENCE No. 7.

From Captain O. S. CHAMBERS, Acting District Engineer; to J. W. B. DYKES, Esq., on Special Duty; Rajahmundry; dated Bezoarah, 21st December 1858, No. 596.

SIR,

In reply to your Telegraphic Message of yesterday, I have the honor of informing you that the area under paddy in Dogepurroo, swamped by excess of water, amounts to about 75 acres.

This swamping is said to be due to the inhabitants of an adjacent village on the Poolairoo having breached the bund placed at the head of the Insingaroy Codoo, to protect Dogepurroo and other villages, on the same channel, from excess of flood water.

I have received no information with respect to any land cultivated last year in Dogepurroo being abandoned this season.

By this day's post, I have also the honor to forward the plan of Cowlaispooram, which would have gone yesterday had not my draftsman been suffering from a return of fever.

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CORRESPONDENCE No. 8.

From Captain O. S. CHAMBERS, Acting District Engineer; to J. W. B. DYKES, Esq., on Special Duty, dated Bezoarah, 7th January 1859, No. 651.

SIR,

In reply to yours of the 1st Instant, I have the honor of stating for your information, that, to the best of my belief, the whole irrigated area of the village of Cowtarum is under channels supplied with water from the Kistna Anicut.

2, In answer to the second para. of your letter, I beg to observe that, in my opinion, a deduction of from 1 to 2 per cent, due to slackness of chain in chaining, might be made from the irrigated areas of the villages of Cunkepad, Dogepurroo and Capelaiswarapooram, but that I by no means assert that such a deduction is necessary.

3. The Surveys, as you must be aware, and as I have repeatedly mentioned to you, cannot be taken as critically correct, and a difference of one or two per cent, between their actual and their measured irrigated area, is more than a likelihood, though it is impossible to me to say what the difference actually is.

4. I stated to you that the measurement of Cowtarum, should be taken at 2 per cent, less than that mentioned on the face of its plan, because Mr. Ottman specially referred to the difficulties experienced by him in correct chaining, but since my letter of the 11th Ultimo, I have measured Mr. Ottman's chain and find that it had stretched more than one foot in length by the end of his Survey and that therefore the percentage of deduction allowed by me, is unnecessary.

(True Copies, eight in all.)

(Signed) J. W. B. DYKES,
*On Special Duty.*

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No. 18. ORDER THEREON, No. 219; dated 16th February 1859.

Ordered to be referred to the Board of Revenue, who, it is understood have now before them Mr. Dykes' report of the result of his surveys and inspections in Masulipatam.

(Signed) J. D. BOURDILLON,
*Secretary to Government.*

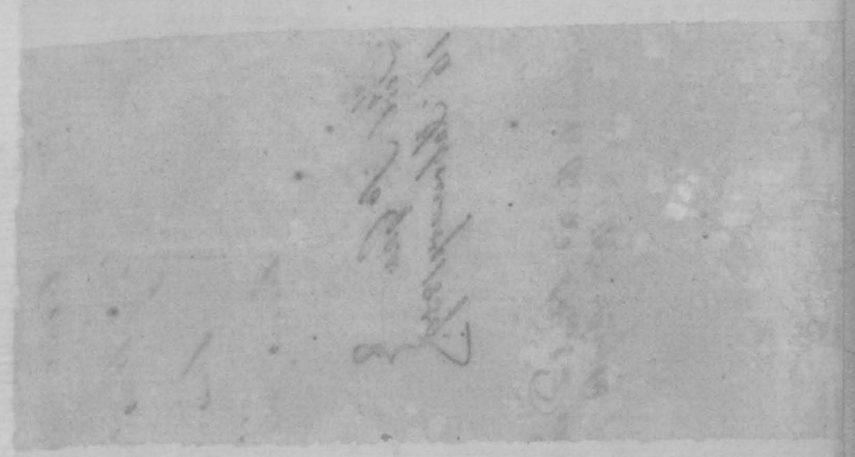
fairly" the amount of correctness of his survey; I beg to state that so far the whole letter has been given. From the accompanying copy in full[x], it will be seen that the omitted portion had reference only to some land known local as some land in dispute.

I further beg to annex copies of the whole correspondence[xx] referred to in my letter of the 19th Instant for the information of Government, if required.

I have the honor to remain
Sir
Your most obedient servant
J. W. B. Dykes
On Special Duty.

[x] Correspondence

[xx] Eight letters.





R Cons 12th March /58 № 99 to 101
R. Coll-C. 3/10th February/59. № 131

Revenue 1859 Dept.
Dº to Cons 25 February.

№ 236

From J. W. B. Dykes Esq.
on Special Duty.
Dated 31st January 59
Recd 9th February 1859

Submits Protest from the Acting District Engineer of the Kistna Division with two enclosures.

2 Encls

№ 219.

Ordered to be referred to the Board of Revenue, as it is understood to have now before them a Mr Dykes' Report of the result of his surveys and inspections in Masulipatam.

Fort St. Geo
16 February 1859.

№ 17 & 18.

3 Copies to the Bd of Revs Dated 17th
1 — " — J. W. B. Dykes, Esqre

With our order
№ 219. 16th February 1859