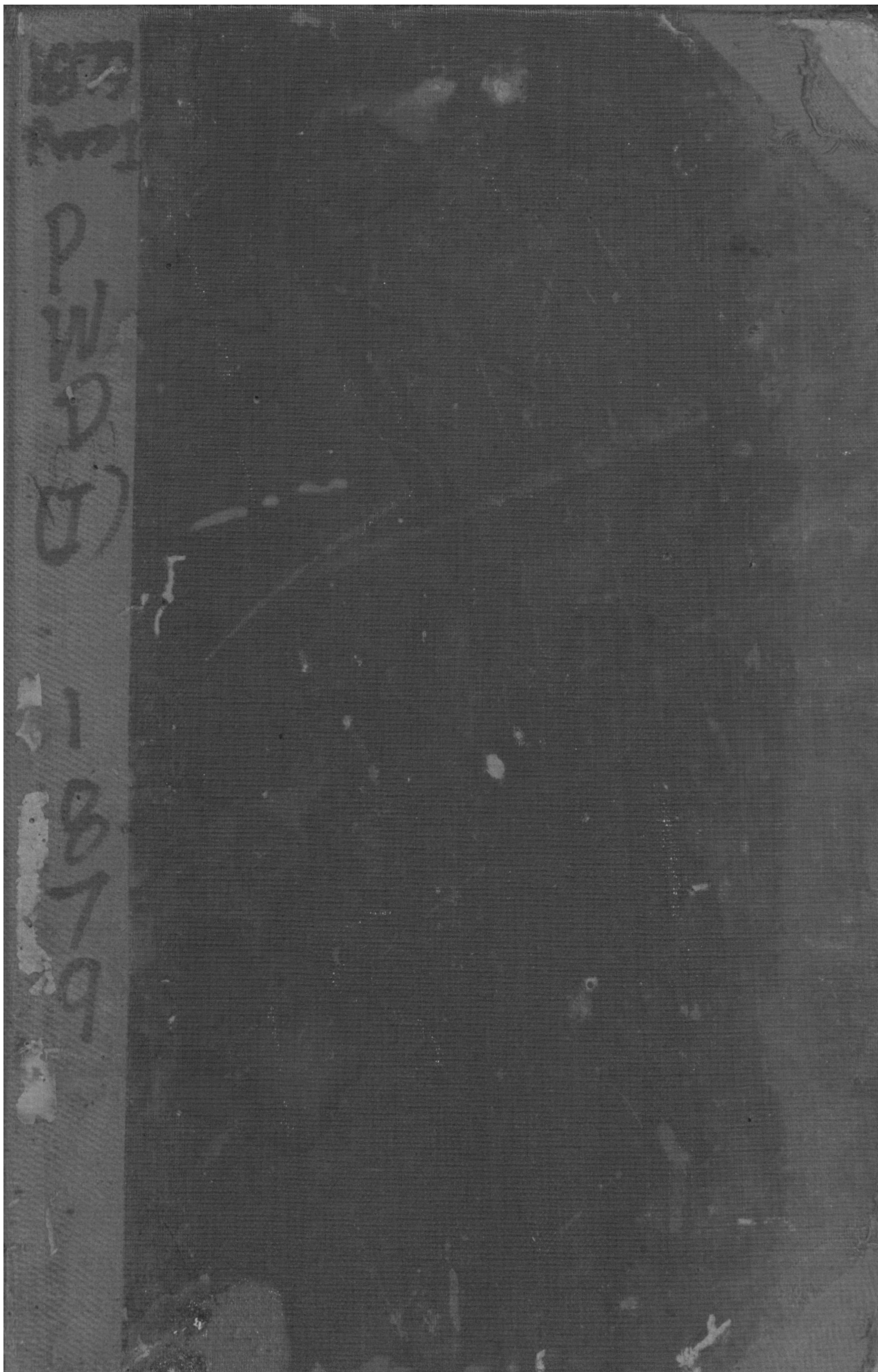




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TO THE

PROCEEDINGS OF THE MADRAS GOVERNMENT

IN THE

PUBLIC WORKS DEPARTMENT,

(IRRIGATION)

FOR THE YEAR

1879.

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MADRAS:

PRINTED BY E. KEYS, AT THE GOVERNMENT PRESS.

1880.



# KEY

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### 1879.

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| ✓ <i>Irrigation Receipts and Charges, Imperial, Provincial and Local Funds for 1879-80.</i> —The Government of India informed by telegram of the best approximation possible of — ... ..                             | 23rd "               | 639 M.I.      |
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| <i>Do. Senepertth and Pulyoor Channels.—Proceedings, Revenue Department, sanctioning the actual expenditure incurred in painting the padugays of the — communicated to the Superintending Engineer, Fourth Circle ... ..</i>             | 29th „               | 53 „       |
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| <i>Do. Channel from the Pennér River to the Peddapasupula Village.</i> —Proceedings, Board of Revenue, stating that there appears to be no use in taking further action in regard to the schemes for excavating the — communicated to the Superintending Engineer, Second Circle ... ..       | 11th Dec.    | 719 M.I.    |
| <i>Ganjam. Kakraparra Canal.</i> —The revised estimate for certain improvements to the — sanctioned... ..                                                                                                                                                                                     | 8th Sept.    | 518, 519 I. |
| <i>Godavari. Inlet to Padmanabhim, Godu Drain, Western Section.</i> —Revised estimate of Rs. 2446 for an — sanctioned ... ..                                                                                                                                                                  | 4th Feb.     | 75 „        |
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| <i>Do. Godavari Section of the Ellore Canal.</i> —Letter from the Government of India requesting to be furnished with a statement of the outlay on the drainage works and detail of flood discharges, &c., of the — communicated to the officers concerned for preparation of the same ... .. | 24th Oct.    | 644 „       |
| <i>Do. Nursapur Canal, Western Delta.</i> —Remarks of the Chief Engineer for Irrigation as to the necessity for constructing an additional weir on the — communicated to the officers concerned ... ..                                                                                        | 20th Nov.    | 689 „       |
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| <i>Kistna. Commamur Canal, Western Delta.</i> —The Government of India requested to sanction for immediate execution estimate, amounting to Rs. 3,55,550, for constructing locks on the — ... ..                                                                                    | 24th Jan.            | 48, 49 "   |
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| <i>Do. Idoolapoy River Channel.</i> —A revised completion certificate in connection with the — directed to be submitted to the Examiner ... ..                                                                                                                                      | 6th Dec.             | 714 "      |



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| <i>Do.</i> —Reminder from the Government of India communicated to the Revenue Department ... ..                                                                                                                                                             | 28th July                  | 419 I.                |
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| <i>Nellore. Damages to Irrigation Works.</i> —Report of the — caused by the cyclone of 19th November, recorded ...                                                                                                                                                                  | 9th Dec.             | 717 I.   |
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| <i>Vizagapatam. "Kattus" or stone and brushwood dams built in the rivers of the district.</i> —The Collector called upon through the Revenue Department to report on the subject of the — ... ..                                                                                    | 11th Mar.            | 169 "    |
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| <i>Arcot, North. Irrigation Works executed by famine labor.—Proceedings, Revenue Department, sanctioning estimates amounting to Rs. 494 for certain — communicated to the Superintending Engineer, Third Circle</i> ... ..                                        | 27th Feb.            | 124 M.I. |
| <i>Do. Expenditure incurred on certain Famine Relief Works.—Proceedings in the Revenue Department, according sanction to the — communicated to the officers concerned</i> ... ..                                                                                  | 20th June            | 358 „    |
| <i>Arcot, South. Left bank of the Oseroon River.—Proceedings in the Financial Department, sanctioning estimate for repairing the — communicated to the officers concerned</i> ... ..                                                                              | 7th „                | 337 I.   |
| <i>Coimbatore. Padugays of the Karur or Punchmahadevi Channels.—Proceedings, Revenue (Famine) Department, sanctioning the expenditure incurred in securing the — communicated to the Superintending Engineer, Fourth Circle</i> ... ..                            | 8th Jan.             | 12 M.I.  |
| <i>Do. Padugays of the Senepretty and Pulyoor Channels.—Proceedings, Revenue (Famine) Department, sanctioning the actual expenditure incurred in planning the — as a charge against Famine, communicated to the Superintending Engineer, Fourth Circle</i> ... .. | 29th „               | 53 „     |
| <i>Madura. State of the season in the Sivaganga Zemindari.—Proceedings, Revenue Department, recording report on the — recorded</i> ... ..                                                                                                                         | 17th Mar.            | 187 „    |
| <i>Nellore. Flood Bank at Britapud.—Proceedings, Revenue (Famine) Department, directing the Examiner to admit the actual expenditure incurred on the construction of the — communicated to the Superintending Engineer, Second Circle</i> ... ..                  | 17th Jan.            | 28 „     |



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| <b>FAMINE—continued.</b>                                                                                                                                                                                                                                                                           | 1879.                |       |
| <i>Salem. Repair of Irrigation Works in the Tirupatūr Division.—</i> Proceedings, Revenue (Famine) Department, recording report of the completion of the — and the manner in which the excess due to famine has been arrived at, communicated to the Superintending Engineer, Fourth Circle ... .. | Jan. 15              | M.L.  |
| <i>Do. Eroosancottai Tank.—</i> Proceedings, Revenue (Famine) Department, sanctioning estimate for the repair of the — communicated to the Superintending Engineer, Fourth Circle ... ..                                                                                                           | 7th "                | 11 "  |
| <i>Do. Reddiyar Tank.—</i> Proceedings, Revenue (Famine) Department, sanctioning the estimate for the repair of the — communicated to the Superintending Engineer, Fourth Circle ... ..                                                                                                            | 9th "                | 19 "  |
| <i>Do. Relief Works undertaken in the district.—</i> Proceedings, Revenue Department, sanctioning the actual expenditure incurred on — in supersession of the estimates already sanctioned, communicated to the Superintending Engineer, Fourth Circle ... ..                                      | 29th "               | 55 "  |
| <i>Do. Do.—Do.</i> do. do. ... ..                                                                                                                                                                                                                                                                  | 23rd "               | 40 "  |
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| <i>Do. Do.—Do.</i> do. do. ... ..                                                                                                                                                                                                                                                                  | 18th "               | 109 " |
| <i>Do. Expenditure on Irrigation Works.—</i> Proceedings, Revenue Department, sanctioning the actual — communicated to the Superintending Engineer, Fourth Circle ... ..                                                                                                                           | 28th "               | 128 " |
| <i>Do. Long standing dues* in connection with certain Famine Relief Works.—</i> Proceedings, Revenue Department, requesting the local Public Works officers to report more fully in regard to the — communicated to the Superintending Engineer, Fourth Circle ... ..                              | 6th "                | 150 " |
| <i>Do. Kamasamudrum Tank.—</i> Proceedings, Revenue Department, sanctioning the actual expenditure incurred in the repair of the — communicated to the Superintending Engineer, Fourth Circle ... ..                                                                                               | 11th Mar.            | 167 " |
| <i>Do. Goodoomallay Reservoir.—</i> Proceedings, Revenue Department, sanctioning the cost of investigating the proposed — communicated to the Superintending Engineer, Fourth Circle ... ..                                                                                                        | 11th "               | 163 " |
| <i>Do. Expenditure incurred in excess of sanctions already granted in respect of certain Famine Relief Works.—</i> Proceedings in the Revenue Department according sanction to the — communicated to the officers concerned ... ..                                                                 | 20th June            | 357 " |
| <i>Tinnerelly. Repairs to certain Irrigation Works executed without Sanctioned Estimates.—</i> Proceedings, Revenue (Famine) Department, sanctioning the debit against the funds of the expenditure incurred in the — communicated to the Superintending Engineer, Fifth Circle ... ..             | Jan. 13              | "     |

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| <i>Trichinopoly. Estimates for certain Relief Works.</i> —Proceedings, Revenue (Famine) Department, sanctioning the —, communicated to the Superintending Engineer, Fifth Circle ... ..                                                     | 6th Jan.             | 10 M.I.    |
| <b>FAMINE—GENERAL.</b>                                                                                                                                                                                                                      |                      |            |
| <i>Disposal of Famine Tools, Furniture, &amp;c.</i> —The instructions conveyed in the latter part of G.O., No. 92 L., dated 11th February 1879 regarding — not to be acted on ... ..                                                        | 15th Mar.            | 180 I.     |
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| <i>Abatement of one fourth of the fees paid by boats licensed in the Central Delta for 1878.</i> —Sanctioning with remarks under Rule X <sup>VI</sup> on renewal of license on — ... ..                                                     | 6th Sept.            | 502 "      |
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| <i>Funds surrendered by the Superintending Engineer, Fourth Circle, to be held at the disposal of Government</i> ... ..                                                                                            | 12th Aug.            | 451 "        |
| <i>Grant for Repairs Irrigation and Navigation Works.</i> —Funds placed at the disposal of Superintending Engineer, First Circle, in augmentation of the — for which Capital and Revenue Funds are not kept ... .. | 8th Oct.             | 588 "        |
| <i>Rough estimate of the probable requirements of the Irrigation Branch for 1880-81.</i> —The — forwarded to the Government of India ... ..                                                                        | 7th "                | 584A, 584B " |
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| <i>Godavari. Western Delta Division.</i> —Funds provided for the execution of certain works in the — ... ..                                                                                                        | 3rd Dec.             | 708 "        |
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| <i>Summary of the Company's demands for season ending 1878-79.</i> —Papers relating to the — communicated to the officers concerned ... ..                                                                                                                                             | 8th „                | 230 „        |
| <i>Do.</i> Refund of six lakhs on account of abandoned surveys.—Resolution of the Government of India remarking on the — ... ..                                                                                                                                                        | 25th „               | 246 „        |
| <i>Do.</i> Bills on the District Treasuries.—Approving the continuance of the practice by which the Company have hitherto obtained from the Accountant-General ... ..                                                                                                                  | 24th „               | 262A „       |
| <i>Do.</i> Application of the Revenue earnings.—Issuing orders on the subject of the adoption of measures for exercising a more direct control over the — ... ..                                                                                                                       | 1st May              | 269A, 269B „ |
| <i>Despatch to Home Government</i> ... ..                                                                                                                                                                                                                                              | 16th June            | 34           |



## IRRIGATION COMPANY—continued.

*Balance at credit of the Company to meet the working expenses of the Canal.*—Cancelling G.O. of 3rd October 1876. No. 2,657, authorising the Chief Engineer and Manager to draw against the — ... ..

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Proceedings.

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1879.

1st May 269A, 269B I.

*Funds for carrying on works.*—Prescribing certain new rules for obtaining — ... ..

1st „ 269 „ 269B „

*Remittances to England.*—Papers relating to the —, communicated to the Examiner, Irrigation and Canal Company's Accounts ... ..

9th April 245 „

*Hindri District.*—The estimate of Rs. 54,107 for repairs and additions to the — approved with remarks and forwarded to the Government of India for sanction ... ..

3rd „ 274, 275 „

*Do.*—Sanctioned ... ..

23rd July 411 „

*Remuneration available for gurnams each season since 1874.*—Statements showing the amount of — and the amounts paid to the Collector from time to time ... ..

7th May 285 „

*Budget Estimate for 1879-80.*—Orders of the Government of India the —, communicated with remarks to the officers concerned ... ..

21st „ 305 „

*Irrigation Canal Revenue.*—Proceedings in the Revenue Department passing order on the subject of collecting the outstanding balances of the — in the Kurmool and Cuddapah Districts, recorded ... ..

13th „ 297 M.I.

*Statement of Miscellaneous earnings for each of the five years ended 31st December 1878,* recorded ... ..

23rd „ 307 I.

*Demand Statement for January 1879* communicated to the officers concerned ... ..

23rd „ 308 „

*Do.* for February and March ... ..

4th Sept. 494 „

*Revenue Earnings.*—Approving of the action of the Examiner relative to the application of the — ... ..

23rd May 310 „

*General Management and Organisation of Establishment.*—Sanctioning with remarks the revenue scale for — ... ..

23rd „ 311 „

*Special Sub-Collector and Establishment.*—Letter from the Examiner, Irrigation and Canal Company's Accounts, inquiring whether the Accountant-General can be asked to charge the expenditure incurred on the — against the undrawn balances of letters of credit in the Company's favor, lodged ... ..

19th „ 303 „

*Legal Proceedings instituted in England in connection with the affairs of the Company.*—The Secretary of State addressed on the subject of the — ... ..

9th June 27A

*Application of the Guaranteed Capital to defray Revenue Charges.*—The Chief Engineer and Manager informed that the — will be a proceeding entailing serious consequences ... ..

28th May 320 I.

Home Despatch ... ..

10th June 28A

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| <b>IRRIGATION COMPANY—continued.</b>                                                                                                                                                                                                                                            |                      |                     |
|                                                                                                                                                                                                                                                                                 | 1879.                |                     |
| <i>Misapplication of the Guaranteed Capital.</i> —The Secretary of State addressed regarding the probable — by the Chief Engineer and Manager ... ..                                                                                                                            | 2nd June             | 324 I.              |
| <i>Navigation on the Madras Irrigation and Canal Company's Canal.</i> —Declining with remarks to sanction the purchase of wooden boats for the purpose of starting — ....                                                                                                       | 3rd "                | 330 "               |
| <i>Application of Guaranteed Capital to defray Revenue Charges.</i> —Letter from the Chief Engineer and Manager in respect to the — recorded ... ..                                                                                                                             | 19th "               | 347 "               |
| <i>Monthly report for April 1879 for the Lower Division.</i> —Mr. Rice report through the Collector on certain important matters decided in the — ... ..                                                                                                                        | 18th "               | 350 "               |
| <i>Retention of the Special Revenue Officer in connection with the Madras Irrigation and Canal Company</i> considered unnecessary and the Revenue Department requested to issue the necessary orders ... ..                                                                     | 16th "               | 348A "              |
| <i>Surplus receipts of one half year to meet the working expenses of another half year.</i> —Despatch to the Secretary of State regarding the Company's Chief Engineer and Manager making use of the — ... ..                                                                   | 16th "               | 34                  |
| <i>Orders relating to the affairs of the Madras Irrigation and Canal Company</i> ... ..                                                                                                                                                                                         | 13th "               | 336A, 336B I.       |
| <i>Transferring seventy thousand rupees belonging to Capital and depositing them in the Agra Bank to meet working expenses.</i> —Telegraphic messages to and from the Secretary of State in respect to the action of the Chief Engineer and Manager regarding the — ... ..      | 13th "               | 336C, 336D "        |
| <i>Orders on letters from the Chief Engineer and Manager protesting against the action taken in respect to the affairs of the Madras Irrigation and Canal Company</i> ... ..                                                                                                    | 13th "               | 336E, 336F "        |
| <i>Payment by volume for the supply carried in the Madras Canal.</i> —Orders regarding the — ... ..                                                                                                                                                                             | 13th "               | 336G "              |
| <i>Treasury balances.</i> —Orders on letter from the Agent protesting against the action taken by Government regarding the — ... ..                                                                                                                                             | 13th "               | 336H "              |
| <i>Telegram from the Agent, Irrigation and Canal Company, to the Directors.</i> —Letter from the Secretary, India Office, London, forwarding copy of — regarding the refusal of the Madras Government to permit to carry forward unspent half-year's revenue after May, lodged. | 20th and 25th "      | 356 M.I. and 365 I. |
| <i>Formation of Revenue Reserve Fund.</i> —The Home Government addressed on the subject of the — ... ..                                                                                                                                                                         | 30th "               | 34A                 |
| <i>Madras Irrigation and Canal Company.</i> —Approving of certain proposals of the Chief Engineer and Manager in respect to the establishment of the — ... ..                                                                                                                   | 26th "               | 370 I.              |
| <i>Revenue cash balance at the close of a half-year.</i> —Instructions as to the disposal of the — ... ..                                                                                                                                                                       | 27th "               | 372A "              |

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| IRRIGATION COMPANY—continued.                                                                                                                                                                                                                                                         |                      |              |
|                                                                                                                                                                                                                                                                                       | 1879.                |              |
| <i>Madras Irrigation and Canal Company.</i> —Formation of a Reserve Fund in connection with the — despatch... ..                                                                                                                                                                      | 30th June            | 34           |
| <i>Do.</i> —Orders on the above subject ... ..                                                                                                                                                                                                                                        | 30th "               | 370 L.       |
| <i>Water-rate, &amp;c.</i> —Correspondence relating to the payment of — recorded ... ..                                                                                                                                                                                               | 9th July             | 387 "        |
| <i>Do.</i> —Erratum ... ..                                                                                                                                                                                                                                                            | 30th "               | 428 M.I.     |
| <i>Refund of six lakhs.</i> —Letter from the Government of India regarding the — to the Irrigation and Canal Company ... ..                                                                                                                                                           | 14th "               | 398 L.       |
| <i>Irrigation Company.</i> —Papers from and to the Receiver Agent in India relative to the affairs of the — referred to the Government Solicitor for opinion on certain points ... ..                                                                                                 | "                    | 401A "       |
| <i>Do.</i> —The Government of India addressed on the subject of the arrangements which it is desirable should be made with a view to the early settlement of definite lines of policy and action in connection with the management of the — so far as Government are concerned ... .. | 18th "               | 401b, 401c " |
| <i>Special Sub-Collector in charge of Irrigation in Kurnool and Cuddapah.</i> —Approving the Board's instructions to the — regarding particulars to be given in the — diary, recorded ... ..                                                                                          | 12th "               | 394 M.I.     |
| <i>Fortieth Ordinary General Meeting of the Madras Irrigation and Canal Company.</i> —The — lodged ... ..                                                                                                                                                                             | 12th "               | 393 "        |
| <i>Compensation for land.</i> —The disbursement of Rs. 9-6-0 on account of — sanctioned ... ..                                                                                                                                                                                        | 22nd "               | 408 L.       |
| <i>Remission of water-rate on second crops in the Sircel Taluk.</i> —Requesting to know the views of the Chief Engineer and Manager, Madras Irrigation and Canal Company, with regard to the recommendations made by Mr. J. O. Dumphy in the monthly report for May 1879 for — ... .. | 25th "               | 415 "        |
| <i>Revenue Earnings.</i> —Papers intimating that no applications were received at the Kurnool and Cuddapah Treasuries for payments on account of — recorded ... ..                                                                                                                    | 28th "               | 420 "        |
| <i>Working expenses of navigation.</i> —Intimating that the — by the Company may properly be included in the Irrigation Account and considers that large reduction of the proposed establishment is essential ... ..                                                                  | 29th "               | 421 "        |
| <i>Affairs of the Madras Irrigation and Canal Company.</i> —The Government of India furnished with a copy of despatch to the Secretary of State explaining the present state of the — ... ..                                                                                          | 28th "               | 420A, 420B " |
| <i>Special Revenue Establishment Charges.</i> —The adjustment of the — in connection with the Madras Irrigation and Canal Company to be deferred pending receipt of instructions from the Government of India ... ..                                                                  | 30th "               | 426 "        |



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| IRRIGATION COMPANY—continued.                                                                                                                                                                                                                                                                                      |                      |              |
|                                                                                                                                                                                                                                                                                                                    | 1879.                |              |
| <i>Annual Revenue and Administration Report for 1st April 1879, recorded</i> ... ..                                                                                                                                                                                                                                | 4th Aug.             | 439 I.       |
| <i>Report of the Madras Irrigation and Canal Company.</i> —Letter from the Chief Engineer and Manager stating that the — have been transferred to the Receiver's Account in the Asa Bank recorded, and copy of the Proceedings forwarded for the information of the Government of India ...                        | 6th "                | 442, 443 "   |
| <i>Maximum rates and fares for navigation on the Company's Canal.</i> —The suggestions of the Chief Engineer for Irrigation relative to the — referred to the Chief Engineer and Manager for opinion ... ..                                                                                                        | 24th "               | 437A "       |
| <i>Navigation of the Company's Canal.</i> —Declining to recommend to the Secretary of State to sanction any diversion of capital to meet revenue charges, and suggesting economical means for the introduction of — ... ..                                                                                         | 12th "               | 449 "        |
| <i>Interference of Ryots with the water-supply.</i> —The Chief Engineer and Manager informed that the remedy in the case of — in distributaries is to appeal to the Magistrate ...                                                                                                                                 | 12th "               | 448 "        |
| <i>Works remaining to be completed, their probable cost and the balance of capital remaining available on the 31st December 1878.</i> —Papers containing information regarding the — forwarded to the Government of India ... ..                                                                                   | 11th "               | 446A, 446B " |
| <i>Despatch to the Secretary of State</i> ... ..                                                                                                                                                                                                                                                                   | 11th "               | 45           |
| <i>Compensation for lands taken up by the Company during April 1876 and February 1877 in Kurnool District.</i> —Rs. 3-0-2 on account of — sanctioned ... ..                                                                                                                                                        | 10th "               | 461 I.       |
| <i>Revenue Funds to meet working expenses.</i> —The Receiver's Agent informed that applications for — will be received and dealt with under the arrangements laid down in G.O. No. 269 A.I., of the 1st May 1879, but that all revenue assets not so placed at his disposal will be retained by Government ... ..  | 16th "               | 460A, 460B " |
| <i>Special Revenue Officer in connection with the Irrigation Company's Canal.</i> —Abolition of the appointment of the —                                                                                                                                                                                           | 12th "               | 452 "        |
|                                                                                                                                                                                                                                                                                                                    | 19th "               | 465 M.I.     |
| <i>Water-rate.</i> —Proceedings in the Revenue Department recording observations on the rules submitted by the Chief Engineer and Manager of the Madras Irrigation and Canal Company for compounding for — and for reasons stated, intimating that the Government are unable to agree to the proposed rules ... .. | 19th "               | 465A "       |
| <i>Revenue Cash Balances.</i> —Letter from the Receiver's Agent relative to the disposal of the — recorded ... ..                                                                                                                                                                                                  | 1st Sept.            | 484 I.       |
| <i>Stores belonging to the Madras Irrigation and Canal Company.</i> —Report upon the condition of the — communicated to the Chief Engineer for Irrigation ... ..                                                                                                                                                   | 4th "                | 492 "        |
| <i>Navigation Estimates.</i> —Revised — forwarded to the Government of India ... ..                                                                                                                                                                                                                                | 6th "                | 506, 507 "   |

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| IRRIGATION COMPANY—continued.                                                                                                                                                                                                                                                                                                            |                          |                          |
|                                                                                                                                                                                                                                                                                                                                          | 1879.                    |                          |
| <i>Available Capital of the Madras Irrigation and Canal Company.</i> —The Examiner's report upon the figures quoted by the Chief Engineer and Manager as representing the — recorded and copy furnished to the Government of India.                                                                                                      | 8th Sept.                | 502, 510 I.              |
| <i>Maximum rates and fares for the conveyance of passengers, animals, and goods.</i> —Approves of an Act of Parliament of the Indian Legislature being taken for fixing the — ...                                                                                                                                                        | 8th "                    | 14 "                     |
| <i>Trial of ponies for towing canal boats.</i> —Approving with remarks the — ... ..                                                                                                                                                                                                                                                      | 8th "                    | 508 "                    |
| <i>Revenue Salaries.</i> —The Chief Engineer and Manager to state distinctly what steps he is prepared to take to adjust with? out delay the amount of the — irregularly and illegally applied to the working expenses ... ..                                                                                                            | 8th "                    | 516 "                    |
| <i>Disposal of applications for Revenue Funds to meet working expenses.</i> —Letter from the Chief Engineer and Manager regarding the — recorded ... ..                                                                                                                                                                                  | 8th "                    | 517 "                    |
| <i>Dry crops irrigated by the Company's Canal.</i> —Proceedings, Revenue Department, sanctioning the proposal of the Board of Revenue to credit to irrigation collections the sum of Rs. 44,595, the water-rate payable by Government for — in the districts of Kurnool and Cuddapah, communicated to the Chief Engineer for irrigation. | 6th "<br>and<br>1st Oct. | 504 M.I.<br>and<br>575 " |
| <i>Suit instituted against the Company by the Secretary of State.</i> —Despatch from Secretary of State forwarding certain papers containing the result of the — ... ..                                                                                                                                                                  | 10th Sept.               | 520 I.                   |
| <i>Funds transferred to the Receiver's Account the Agra Bank.</i> —Letter from the Government of India requesting to be informed by an early date of the precise nature of the balances of the — communicated to the Examiner of Irrigation and Canal Accounts ... ..                                                                    | 10th "                   | 521 "                    |
| <i>Unsatisfactory method of preparing the accounts of the Company.</i> —Proceedings of the Government of India forwarding copy of a Despatch from the Secretary of State and its enclosures regarding the — communicated to the officers concerned ...                                                                                   | 12th "                   | 528 "                    |
| <i>Water-rate for dry crops irrigated in Kurnool</i> ... ..                                                                                                                                                                                                                                                                              | 8th "                    | 515 M.I.                 |
| <i>Balances of Capital funds in the hands of the Irrigation Company.</i> —Papers regarding the — recorded ... ..                                                                                                                                                                                                                         | 12th "                   | 527 I.                   |
| <i>Net demand on account of water supplied for irrigation for half-years ending 31st December 1878 and 30th June 1879.</i> —The statements showing the — forwarded to the Government of India... ..                                                                                                                                      | 17th "                   | 539, 539A "              |
| <i>Revenue Account for the half-year ended 31st December 1878.</i> —Recorded with remarks ... ..                                                                                                                                                                                                                                         | 20th "                   | 546 "                    |
| <i>Copies of enclosures to the Secretary of State's Despatch regarding the affairs of the Company.</i> —The Government of India furnished with — ... ..                                                                                                                                                                                  | 13th "                   | 529 "                    |

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| <b>IRRIGATION COMPANY—continued.</b>                                                                                                                                                                                                                                                                                                              |                      |          |
|                                                                                                                                                                                                                                                                                                                                                   | 1879.                |          |
| <i>Control over the Revenue transactions.</i> —The Agent and Manager requested to state whether he wishes to modify his letter No. 121 of 9th August 1879 regarding the authority of Government to exercise — ... ..                                                                                                                              | 25th Sept.           | 558 I.   |
| <i>Affairs of the Madras Irrigation and Canal Company.</i> —Despatch from Secretary of State transmitting copies of certain orders of Court recently made in regard to the — communicated to the Chief Engineer for Irrigation — ...                                                                                                              | 25th "               | 559 "    |
| <i>Indent for funds for October 1879</i> authorised to be passed to the extent of the amount Rs. 7,243-4-5 ... ..                                                                                                                                                                                                                                 | 25th "               | 558A "   |
| <i>Land required for a Tramway in the Cuddapah District.</i> —Sanctioning the tenure by the Madras Irrigation and Canal Company of certain — at an annual rent of Rs. 0-5-9 ...                                                                                                                                                                   | 30th "               | 564 "    |
| <i>Balances in each of the five accounts of the Madras Irrigation and Canal Company.</i> —The Government of India furnished with a statement showing the precise nature of the — ...                                                                                                                                                              | 29th "               | 561 M.I. |
| <i>Affairs of the Madras Irrigation and Canal Company.</i> —A copy of G.O., No. 559 I, of 25th September 1879, embodying the correspondence in connection with the — forwarded to the Government of India ... ..                                                                                                                                  | 1st Oct.             | 576 "    |
| <i>Do.</i> —Despatch from Secretary of State requesting to be furnished at once with complete and trustworthy account of the whole of the money transactions — to the latest date possible of the Company, communicated to the Examiner, Irrigation and Canal Company's Accounts ...                                                              | 30th Sept.           | 573A I.  |
| <i>Do.</i> —Furnished ... ..                                                                                                                                                                                                                                                                                                                      | 9th Oct.             | 591A "   |
| <i>Despatch</i> ... ..                                                                                                                                                                                                                                                                                                                            | 9th "                | 53       |
| <i>Do.</i> —Additional information furnished ... ..                                                                                                                                                                                                                                                                                               | 21st Nov.            | 694 "    |
| <i>Despatch</i> ... ..                                                                                                                                                                                                                                                                                                                            | 21st "               | 57       |
| <i>Balance of Revenue funds remaining on the 30th June 1879.</i> —Mr. Latham requested to give a distinct reply to the question asked in G.O., No. 516 I, of the 8th September last, and to state whether he is prepared or declines to pay into the Treasury the — ... ..                                                                        | 7th Oct.             | 584 "    |
| <i>Purchase of Pulicat Boats.</i> —Sanctioning the excess expenditure incurred in the — ... ..                                                                                                                                                                                                                                                    | 8th "                | 586 "    |
| <i>Appointment ad interim of Mr. Westwood, the Secretary, and Mr. Latham, Agent and Chief Engineer in India, of the Madras Irrigation and Canal Company as Receivers of the property of the Company.</i> —Letter from the Government of India forwarding copy of a Despatch regarding the — communicated to the Chief Engineer for Irrigation ... | 9th "                | 597 M.I. |
| <i>Fortieth General Meeting of the Madras Irrigation and Canal Company.</i> —Ordered to lie over ... ..                                                                                                                                                                                                                                           | 10th "               | 598 "    |
| <i>Order of Vice Chancellor Bacon of 31st July 1879.</i> —Letter from the Receiver's Agent in India forwarding with remarks copy of the — recorded ... ..                                                                                                                                                                                         | 15th "               | 616 "    |



## IRRIGATION COMPANY—continued.

*Change of Divisions in the Cuddapah District.*—Proceedings in the Revenue Department sanctioning the proposals for — communicated to the Chief Engineer for Irrigation ...

| Date of Proceedings. | Nos.     |
|----------------------|----------|
| 1879.                |          |
| 9th Oct.             | 596 M.I. |

*Exchange of Divisions between the Head Assistant Collector and the Nandyál General Duties Deputy Collector in Kurnool.*—Proceedings in the Revenue Department sanctioning the — ... ..

|       |       |
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| 9th " | 593 " |
|-------|-------|

*Canal Special Establishments.*—Do. do. directing that all the — to be abolished at once ... ..

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| 9th " | 593 " |
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*Distribution of Establishment Charges according to the "work" outlay under the heads Capital and Maintenance.*—Declining to sanction the Chief Engineer and Manager's proposal for the — ... ..

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| 16th " | 618 I. |
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*Government Auditor being also Accountant to the Madras Irrigation and Canal Company.*—Considering it not advantageous to make any change as regards the — ... ..

|        |       |
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| 16th " | 618 " |
|--------|-------|

*Applications for revenue funds to meet working expenses.*—Six spare copies of the enclosure to docket No. 460-B.I., dated 16th August 1879 relative to the disposal of — forwarded to the Government of India ... ..

|        |          |
|--------|----------|
| 15th " | 614 M.I. |
|--------|----------|

*Village Roads in the villages in which irrigation is carried on under the Canal in Kurnool.*—Proceedings in the Revenue Department communicating to the Public Works Department with remarks Proceedings Board of Revenue, respecting the improvement of — communicated to the Chief Engineer for Irrigation ... ..

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| 4th " | 2,590 M.W. |
|-------|------------|

*Demand made by the Chief Engineer and Manager for payment of Rs. 4,000 on account of the Kurnool Town water-supply for Fash 1288.*—Papers relative to the — referred to the Law Officers for advice and Mr. Latham informed that this has been done and that the decision of Government will be communicated as early as possible ... ..

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| 17th " | 620A I. |
|--------|---------|

*G.O., No. 446-A. I., of 11th August 1878, regarding the sufficiency of the Company's funds to cover the outlay on the canal and its adjuncts.*—A copy of — forwarded to the Government of India ... ..

|        |          |
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| 15th " | 615 M.I. |
|--------|----------|

*Balance of Revenue Funds remaining on the 30th June 1879.*—Letter from the Receiver's Agent in India declining on certain grounds to pay into the treasury the — forwarded to the Government of India ... ..

|        |             |
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| 22nd " | 634, 635 I. |
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*Vice Chancellor Bacon's order of the 31st July 1879.*—Letter from the Chief Engineer and Manager, Madras Irrigation and Canal Company, on the subject of — recorded ... ..

|        |       |
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| 22nd " | 636 " |
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*Cancellation of certain Treasury orders.*—Orders regarding the — ... ..

|        |       |
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| 23rd " | 638 " |
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*Establishment Charges.*—Orders regarding the — ... ..

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| 23rd " | 638 " |
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| 1879.                                                                                                                                                                                                                                                               |                      |          |
| IRRIGATION COMPANY—continued.                                                                                                                                                                                                                                       |                      |          |
| <i>Home charges incurred by the Board of Directors.</i> —The Secretary of State requested to issue instructions for the adjustment of — and apparently paid from Capital funds during the time prior to 30th September 1876 ...                                     | 23rd Oct.            | 59       |
| <i>Funds deposited in the Agra Bank.</i> —Considering that the interest accruing on — must be credited and applied in strict accordance with the stipulations of the Contract of 1866 ...                                                                           | 27th "               | 647 I.   |
| <i>Deputy Curnams.</i> —Regarding the continued employment of — in the village under the Irrigation Company's Canal ...                                                                                                                                             | 28th "               | 650 M.I. |
| <i>Water-rate in connection with the Madras Irrigation and Canal Company in Kurnool.</i> —Proceedings in the Revenue Department regarding the — communicated to the Chief Engineer for Irrigation ...                                                               | 31st "               | 655 "    |
| <i>Kurnool Town water-supply for Fasil 1288 (1878-79).</i> —The Collector of Kurnool authorised to pay to the Chief Engineer and Manager, Madras Irrigation and Canal Company, the amount, Rs. 4,000, paid by the Kurnool Municipality on account of the — ...      | 6th Nov.             | 666 "    |
| <i>Navigation Works.</i> —Letter from the Government of India sanctioning with remarks the revised estimate for certain — communicated to the Chief Engineer for Irrigation ...                                                                                     | 6th "                | 389 "    |
| <i>Statement of the defence of the Madras Irrigation and Canal Company in connection with the suit instituted by the Secretary of State.</i> —The Government of India furnished with 25 copies of the — ...                                                         | 6th Nov.             | 667 M.I. |
| <i>Half-yearly Revenue Accounts.</i> —Letter from the Chief Engineer and Manager regarding the basis on which the — should be prepared and the rate of exchange at which home charges incurred in sterling should be brought into the Indian accounts, recorded ... | 14th "               | 681 I.   |
| <i>Establishment of a Reserve Fund.</i> —Intimating inability to make any payments to the company for the — ...                                                                                                                                                     | 19th "               | 687 "    |
| <i>Water-supply for Kistna.</i> —Mr. Latham informed of the probability of the required — ...                                                                                                                                                                       | 24th "               | 696 "    |
| <i>Travelling allowance of Mr. Latham, Chief Engineer and Manager.</i> —The excess expenditure of Rs. 89-5-1 on account of — sanctioned ...                                                                                                                         | 22nd "               | 695 "    |
| <i>Requirements of Clause 4 of the Contract of 1863.</i> —Letter from the Accountant-General, Madras, on the subject of the adjustment deemed necessary in the India office accounts in order to conform to the — forwarded to the Secretary of State ...           | 24th "               | 700 "    |
| Despatch to Secretary of State ...                                                                                                                                                                                                                                  | 9th Dec.             | 70       |

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| IRRIGATION COMPANY—continued.                                                                                                                                                                                                                                                                                                    |                      |          |
|                                                                                                                                                                                                                                                                                                                                  | 1879.                |          |
| <i>Excess Charge to Capital on Account of Establishment.</i> —Directing the — to be adjusted at once out of the refund made by Capital to Revenue on account of the Hindri Aqueduct repairs ... ..                                                                                                                               | 25th Nov.            | 731 I.   |
| <i>Mr. Simpson's Horse.</i> —The charge incurred in the conveyance of — ordered to be admitted ... ..                                                                                                                                                                                                                            | 23rd Dec.            | 740 "    |
| IRRIGATION WORKS.                                                                                                                                                                                                                                                                                                                |                      |          |
| <i>Chingleput. Supplying the Government Farm with water for Irrigation.</i> —Proceedings in the Revenue Department declining to permit further expenditure on work to be commenced in connection with — until a plan and estimate have been regularly sanctioned ... ..                                                          | 27th Aug.            | 478 M.I. |
| <i>Do. Irrigation Works under the Chembrambakam Tank.</i> —Proceedings in the Public Department directing the issue of orders in the Public Works Department to the Range Officer to see to any obstructions in the drainage or stagnant pools in connection with the — communicated to the Chief Engineer for Irrigation ... .. | 17th Sept.           | 538 "    |
| <i>Ganjam. Irrigation Works in Chicacole Taluk.</i> —Proceedings in the Revenue Department drawing attention to the indifferent state of the — communicated to the Superintending Engineer, First Circle, for report ... ..                                                                                                      | 8th April            | 240 "    |
| <i>Do. Fall of rain and state of crops.</i> —Report on the — recorded ... ..                                                                                                                                                                                                                                                     | 24th Oct.            | 643 I.   |
| <i>Godavari and Kistna Delta Systems.</i> —Papers regarding the outlay, &c., incurred on the — recorded and copy forwarded to the Government of India ... ..                                                                                                                                                                     | 9th Jan.             | 17, 18 " |
| <i>Do. Central Delta Completion Estimates.</i> —Report of the probable date of the submission of the — forwarded to the Government of India ... ..                                                                                                                                                                               | 14th "               | 20, 21 " |
| <i>Do. Irrigation Works in the Rajahmundry Division.</i> —Report regarding the damages done to — by the cyclones of the 5th November and 6th December 1878, recorded ... ..                                                                                                                                                      | 11th Feb.            | 90 "     |
| <i>Do. Area irrigated under the anicut channels in the Nidadavoli and Baharzalli Estates.</i> —Statement showing the — in 1877-78, communicated to the Revenue Department ... ..                                                                                                                                                 | 18th "               | 102 "    |
| <i>Do. Do.—Do.</i> ... ..                                                                                                                                                                                                                                                                                                        | 18th Mar.            | 192 "    |
| <i>Do. Central Delta Completion Estimates.</i> —Letter from the Government of India requesting early submission of the — recorded ... ..                                                                                                                                                                                         | 21st Feb.            | 116 M.I. |
| <i>Do. Statements of outlay, &amp;c., in the Godavari and Kistna Delta Systems.</i> —Letter from the Government of India remarking on the — communicated to the Examiner of Public Works Accounts ... ..                                                                                                                         | 4th July             | 378 I.   |
| <i>Do. Do.</i> —The Government of India addressed further on the subject ... ..                                                                                                                                                                                                                                                  | 11th Sept.           | 524 M.I. |



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| <b>IRRIGATION WORKS—continued.</b>                                                                                                                                                                                                                                                        |                      |            |
|                                                                                                                                                                                                                                                                                           | 1879.                |            |
| <i>Godavari. Godavari Delta System.</i> —Letter from the Government of India requesting submission of the revised classified abstract estimate for the — communicated to the Chief Engineer for Irrigation ... ..                                                                         | 6th Mar.             | 152 I.     |
| <i>Do.</i> —Reply to reminder from the Government of India ...                                                                                                                                                                                                                            | 12th Aug.            | 456 M.I.   |
| <i>Do. Polavaram Island.</i> —Proceedings in the Revenue Department communicating to the Board of Revenue memorandum from the Chief Engineer for Irrigation stating that some time must occur before the extensive works required for irrigation of the — can be undertaken, recorded ... | 9th April            | 247 "      |
| <i>Do. Navigation receipts and charges of the Godavari Delta.</i> —Statement showing the — for calendar year 1878, recorded ... ..                                                                                                                                                        | 6th May              | 281 I.     |
| <i>Do. Irrigation Works under the Byana Weir.</i> —Sanctioning revised estimates for improving — ... ..                                                                                                                                                                                   | 6th                  | 282 "      |
| <i>Do. Nidadavol and Baharzalli Estates.</i> —Proceedings in the Revenue Department communicating the explanation of the Board of Revenue regarding the difference pointed out by the Chief Engineer for Irrigation in the area irrigated in the — ... ..                                 | 15th July            | 400 M.I.   |
| <i>Do. Revenue statement of the Godavari Delta for the year 1877-78,</i> recorded and communicated to the officers concerned ... ..                                                                                                                                                       | 26th Aug.            | 474 I.     |
| <i>Do. Irrigation under the Godavari Anicut.</i> —Proceedings in the Revenue Department communicating to the Public Works Department Proceedings, Board of Revenue, submitting statements of the financial results of the — communicated to the officers concerned ... ..                 | 20th Sept.           | 550 M.I.   |
| <i>Do. Drainage Works.</i> —Instructions regarding the — ...                                                                                                                                                                                                                              | 7th Oct.             | 585 I.     |
| <i>Do. Godavari Delta System.</i> —The revised classified abstract estimates of the — forwarded to the Government of India ... ..                                                                                                                                                         | 6th Nov.             | 670, 671 " |
| <i>Do. Nanal Planting, Eastern and Central Delta Divisions.</i> —Funds provided by transfer for the carrying out of — ...                                                                                                                                                                 | 19th "               | 686 M.I.   |
| <i>Do. Western Delta.</i> —The Government of India informed that the amount Rs. 9,92,150 is not the total of the sanctioned estimates for the — but the amount of those component estimates of the sanction which had been revised up to date ... ..                                      | 18th "               | 682, 683 " |
| <i>Kistna. Kistna and Godavari Delta Systems.</i> —Papers regarding the outlay, &c., incurred on the — recorded and copy forwarded to the Government of India ... ..                                                                                                                      | 9th Jan.             | 17, 18 "   |
| <i>Do. Kistna System.</i> —The credits for the — to be increased by the water-rate on the Gúdur Zemindari... ..                                                                                                                                                                           | 18th Mar.            | 189 "      |
| <i>Do. Do.</i> —Copy to the Government of India ... ..                                                                                                                                                                                                                                    | 18th "               | 190 "      |
| <i>Do. Do.</i> —Despatch to the Secretary of State ... ..                                                                                                                                                                                                                                 | 25th "               | 15 "       |

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| IRRIGATION WORKS—continued.                                                                                                                                                                                                                                                                     |                                       |                                    |
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| <i>Kistna. Completion Reports of certain Irrigation Works.</i> —<br>The Examiner authorised to admit the expenditure incurred on the submission by the Superintending Engineer of the — ... ..                                                                                                  | 8th Feb.                              | 227 I.                             |
| <i>Do. Revenue due to Irrigation.</i> —Copies of certain Government Orders relating to — forwarded to the Secretary of State ... ..                                                                                                                                                             | 25th Mar.                             | 15                                 |
| <i>Do. Kistna Delta Irrigation Works.</i> —Proceedings, Revenue Department, on the subject of the completion of the — forwarded for the information of the Government of India ... ..                                                                                                           | 23rd May                              | 313, 314 I.                        |
| <i>Do. Do.</i> —Letter from the Government of India calling for further particulars in connection with the — ... ..                                                                                                                                                                             | 18th June                             | 351 "                              |
| <i>Do. Kistna Delta Completion Project.</i> —Letter from the Government of India requesting to be furnished with information as to revenue and expenditure connected with the — communicated to the Revenue Department... ..                                                                    | 20th "                                | 355 "                              |
| <i>Do. Statement of outlay, &amp;c., in the Kistna District.</i> —Letter from the Government of India remarking on the — communicated to the Examiner of Public Works Accounts ... ..                                                                                                           | 4th July                              | 378 "                              |
| <i>Do.</i> —The Government of India addressed on the subject ... ..                                                                                                                                                                                                                             | 11th Sept.                            | 524 M.I.                           |
| <i>Do. Irrigation in the Kistna Delta System.</i> —Proceedings in the Revenue Department communicating to the Board of Revenue for immediate attention reminder from the Government of India requesting explanation of the discrepancies in various returns of revenue due to — recorded ... .. | 22nd July                             | 410 "                              |
| <i>Do.</i> —Reminder from the Government of India ... ..                                                                                                                                                                                                                                        | 11th Aug.                             | 446 "                              |
| <i>Do.</i> — <i>Do.</i> do. communicated to the Board of Revenue ... ..                                                                                                                                                                                                                         | 16th Sept.                            | 536 "                              |
| <i>Do. Revenue statement of the Kistna Delta for the year 1877-78 (Fasli 1287), recorded and communicated to the officers concerned.</i>                                                                                                                                                        | 6th "<br>29th Oct.<br>and<br>7th Nov. | 500 I.<br>653 M.I.<br>and<br>674 " |
| <i>Do. Revenue due to irrigation by the Kistna Anicut.</i> —Proceedings in the Revenue Department communicating to the Public Works Department, Revenue Board's Proceedings regarding the — for 1285, communicated to the Chief Engineer for Irrigation ... ..                                  | 18th Sept.                            | 544 "                              |
| <i>Do. Drainage Works.</i> —Instructions regarding the — ... ..                                                                                                                                                                                                                                 | 7th Oct.                              | 585 I.                             |
| <i>Do. Water in the Tungabhadra.</i> —The Superintending Engineer directed if necessary to pass down the whole of the — to Kistna either before or after 31st December next ... ..                                                                                                              | 24th Nov.                             | 696 "                              |
| <i>Kurnool. Prohibition of second crop cultivation under the Cumbum Tank.</i> —Explanation of the circumstances connected with the — recorded ... ..                                                                                                                                            | 25th April                            | 264 "                              |
| <i>Do. Water-rate for dry crops irrigated in the district ... ..</i>                                                                                                                                                                                                                            | 8th Sept                              | 515 M.I.                           |

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| <b>IRRIGATION WORKS—continued.</b>                                                                                                                                                                                                                                                                                        |                      |            |
|                                                                                                                                                                                                                                                                                                                           | 1879.                |            |
| <i>Madura. Voluntary cess paid by Ryots.</i> —Proceedings in the Revenue Department recording Board's Proceedings submitting letter from the Collector furnishing information regarding the — to meet the cost of the conservancy establishment of the irrigation channels, communicated to the officers concerned ... .. | 7th July             | 381 M.I.   |
| <i>Do. Deductions made on account of non-inspection of certain Irrigation Works.</i> —The Superintending Engineer, Fifth Circle, authorised to pay up the — ... ..                                                                                                                                                        | 6th Dec.             | 711 I.     |
| <i>Nilgiris. Irrigation Works.</i> —Report of the damages to — by cyclone of the 19th November, recorded ... ..                                                                                                                                                                                                           | 9th "                | 717 "      |
| <i>Salem. Actual Expenditure on Irrigation Works.</i> —Proceedings, Revenue Department, sanctioning the — communicated to the Superintending Engineer, Fourth Circle ... ..                                                                                                                                               | 28th Feb.            | 128 M.I.   |
| <i>Tinnevely. Revenue derived from Irrigation Works.</i> —Expressing satisfaction at the amount of — notwithstanding the damages done by floods in 1877; the exertions of Mr. Grant and staff noticed with satisfaction ... ..                                                                                            | 12th "               | 94 I.      |
| <i>Do. Notes of tour by the Acting Chief Engineer for Irrigation.</i> —The — communicated to the Superintending Engineer, Fifth Circle ... ..                                                                                                                                                                             | 16th April           | 254 "      |
| <i>Do. Irrigation Works executed on account of Famine Relief.</i> —Proceedings in the Revenue Department communicating to the Examiner of Public Works Accounts list of — submitted by Collector ... ..                                                                                                                   | 14th July            | 1,844 M.W. |
| <i>Do. Nathiuni Anicut and Channels.</i> —Estimate for repairing and improving the — sanctioned ... ..                                                                                                                                                                                                                    | 20th Aug.            | 470 I.     |
| <i>Do. Revenue Statements for the seven Anicuts of the Tambraparni.</i> —Directs the preparation of the — ... ..                                                                                                                                                                                                          | 17th Sept.           | 541 "      |
| <i>Vizagapatam. Expenditure incurred on certain works executed in 1875-76 in the Gogonda Range.</i> —The Examiner authorised to pass without the usual completion certificates the — ... ..                                                                                                                               | 11th Mar.            | 171 "      |
| <i>Do. Kondakuria Aca.</i> —Proceedings in the Revenue Department recording observations with reference to the question of cultivating the bed of the — communicated to the Superintending Engineer, First Circle ... ..                                                                                                  | 9th April            | 248 M.I.   |
| <b>IRRIGATION WORKS—GENERAL.</b>                                                                                                                                                                                                                                                                                          |                      |            |
| <i>System of founding masonry works practised in Southern India.</i> —Memorandum by Colonel Mullins, R.E., on the general question of the — forwarded to the Government of India ... ..                                                                                                                                   | 6th Jan.             | 6, I.      |
| <i>Increase of Revenue due to certain Irrigation Works.</i> —Proceedings, Revenue Department, communicating statement showing approximately the — communicated to the officers concerned ... ..                                                                                                                           | 20th "               | 29 M.I.    |



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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------|
| <b>IRRIGATION WORKS—GENERAL—continued.</b>                                                                                                                                                                                                                        |                      |                |
|                                                                                                                                                                                                                                                                   | 1879.                |                |
| <i>Increase of Revenue due to certain Irrigation Works.</i> —Proceedings, Board of Revenue, furnishing information regarding — communicated to the Examiner of Public Works Accounts and to the Superintending Engineers concerned ... ..                         | 30th Jan.            | 56 I.          |
| <i>Revised classification of Receipts Outlay in Budget Estimates and accounts of Irrigation Works.</i> —Resolution of the Government of India laying down a — communicated to the officers concerned ... ..                                                       | 31st "               | 67 "           |
| <i>Revenue due to Irrigation.</i> —The Acting Chief Engineer for Irrigation directed to place himself in communication with Mr. Wilson in order to an approximate estimate of — being ascertained for insertion in the budget estimates for 1879-80 ... ..        | 3rd Feb.             | 72 "           |
| <i>Progress of Agricultural Works under execution from the Extraordinary Grant.</i> —Statement showing the — for the quarter ended 30th September 1878 forwarded to the Government of India ... ..                                                                | 7th "                | 83, 84 "       |
| <i>Do.—Do.</i> 31st December 1878 ... ..                                                                                                                                                                                                                          | 13th May             | 292, 293 "     |
| <i>Do.—For quarter ended 31st March</i> ... ..                                                                                                                                                                                                                    | 29th July            | 423, 424 "     |
| <i>Plantations on Padugays.</i> —Instructions issued relative to the — approved ... ..                                                                                                                                                                            | 11th Feb.            | 88 "           |
| <i>Proceeds of resumed Inams.</i> —Proceedings, Revenue Department, concurring with the Board that the — should be credited to Imperial Revenue, communicated to the officers concerned ... ..                                                                    | 21st "               | 115 M.I.       |
| <i>Statements showing present crops and proposed extension of irrigation by projects dependent on permanent or local sources of supply.</i> —Note by the Chief Engineer for Irrigation forwarding — communicated to the President, Famine Commission.             | 4th Mar. and 21st "  | 146 and 205 I. |
| <i>Progress Report of Agricultural Works.</i> —Letter from the Government of India remarking on the delay in the submission of the — and requesting that measures may be taken to ensure greater punctuality in future, communicated to the Chief Engineer ... .. | 13th May             | 296 "          |
| <i>History of the Irrigation Works in the Madras Presidency.</i> —Letter from the Government of India requesting the compilation of the — communicated to the Chief Engineer for Irrigation ... ..                                                                | 13th "               | 295 "          |
| Reply to reminder from the Government of India ... ..                                                                                                                                                                                                             | 15th Aug.            | 459, 460 "     |
| <i>Increase of revenue due to certain Irrigation Works in the Madras Presidency.</i> —Proceedings, Board of Revenue, submitting statement showing approximately the — recorded with remarks ... ..                                                                | 3rd June             | 329 "          |
| <i>Do.—Do.</i> Irrigation ... ..                                                                                                                                                                                                                                  | 25th Sept            | 2,431 M.W.     |

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| <b>IRRIGATION WORKS—GENERAL—continued.</b>                                                                                                                                                                                                                                                                   |                      |             |
|                                                                                                                                                                                                                                                                                                              | 1878.                |             |
| <i>Cultivation of Tank Beds.</i> —Proceedings in the Revenue Department directing that in future no puttahs shall be granted for land for the — communicated to the Superintending Engineers ... ..                                                                                                          | 4th June             | 334 M.I.    |
| <i>Irrigation Works in Zemindaris.</i> —Proceedings in the Revenue Department communicating Board's Proceedings regarding the provision of funds for repair of — recorded ... ..                                                                                                                             | 23rd "               | 362 I.      |
| <i>Progress Report of Irrigation Productive Public Works.</i> —Letter from the Government of India regarding the annual submission of the — communicated to the Examiner of Public Works Accounts for report ... ..                                                                                          | 25th "               | 367 "       |
| <i>Preparation of Irrigation Registers.</i> —Statement showing the progress made in the — and the endorsement of the Chief Engineer for Irrigation, communicated to the Board of Revenue ... ..                                                                                                              | 5th July             | 380 "       |
| <i>Sanctions by this Government from Ordinary Funds for Productive Public Works.</i> —The explanation of the Chief Engineer for Irrigation regarding the — communicated to the Government of India ... ..                                                                                                    | 9th "                | 385, 386 "  |
| <i>Annual Progress Reports of Irrigation Productive Public Works.</i> —Letter from the Government of India modifying the orders with regard to the preparation and date of submission of the — communicated with remarks to the officers concerned for report ... ..                                         | 10th "               | 388 "       |
| <i>Do.</i> —Report from the Examiner recorded ... ..                                                                                                                                                                                                                                                         | 1st Aug.             | 437 "       |
| <i>Irrigation and Rainfall in the several districts of the Madras Presidency for 1877-78.</i> —Statement showing the — forwarded to the Government of India ... ..                                                                                                                                           | 10th July            | 390, 391 "  |
| <i>Do.</i> —The Government of India informed that the instructions contained in paragraph 2 of letter No. 3001. of 1st October will be acted on in preparing future statements ... ..                                                                                                                        | 1st Oct.             | 577 M.I.    |
| <i>Statements showing direct and indirect probable revenue receipts from the five systems for each of the five years ending 1883-84.</i> —The Board of Revenue and the Superintending Engineers concerned to prepare and submit — ... ..                                                                     | 28th July            | 417 I.      |
| <i>Remaining Irrigation Works for which Capital and Revenue Accounts are to be kept.</i> —Approves of the proposals of the Directors of Revenue Settlement in connection with the preparation of the accounts required for the — and of the employment of the necessary establishment for the purpose ... .. | 7th Aug.             | 443A "      |
| <i>Land permitted to be cultivated in the beds of tanks.</i> —Puttahs to be granted for — ... ..                                                                                                                                                                                                             | 12th "               | 453 M.I.    |
| <i>Statement of Revenue due to irrigation for Fasli 1287 (1877-78)</i> communicated to the officers concerned and to the Revenue Department ... ..                                                                                                                                                           | 1st Sept.            | 482, 483 I. |



## IRRIGATION WORKS—GENERAL—continued.

*Owner's rates.*—Proceedings in the Financial Department communicating resolution of the Government of India directing that the — levied in Bengal, Madras, Bombay and the Punjab be treated as direct revenue of Irrigation works and as such be shown in the accounts under XXV, Irrigation and Navigation, recorded.

*Separation of Revenue due to irrigation from that properly appertaining to Land Revenue.*—Proceedings in the Revenue Department regarding the —

*Financial results of Irrigation Works.*—Mr. Wilson to report whether it is practicable to furnish in simpler forms the information required to show the —

*Increase of revenue due to certain Irrigation Works in the Madras Presidency.*—Proceedings, Board of Revenue, explaining the way in which the — was determined, recorded

*Supplemental Statement of capital expenditure on Irrigation works for March 1879, communicated to Superintending Engineers*

*Forms of account to be adopted for the different kinds of Irrigation Works in the Madras Presidency submitted by the Board of Revenue.*—Proceedings in the Revenue Department sanctioning the adoption of the — and giving instructions on certain points

*Improper interference with Irrigation and Agricultural Works on the part of ryots.*—The Chief Engineer for Irrigation directed to communicate with the Government Pleader with a view of securing a proper decision on the next —

*Charges for revenue collection and distribution when not payable in the Public Works Department.*—Letter from the Government of India stating how the — should be shown in the Irrigation Budget, communicated to the officers concerned

*Establishments for Original Works or Repairs Irrigation.*—Superintending Engineers authorised to sanction estimates for —

| Date of Proceedings.     | Nos.           |
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| 1879.                    |                |
| 17th Sept. and 19th Oct. | 542 M.I. and " |
| 26th Sept. and 4th Nov.  | 560 and 659 "  |
| 14th Oct.                | 609 I.         |
| 22nd "                   | 637 "          |
| 27th "                   | 646 "          |
| 4th Nov.                 | 661 M.I.       |
| 8th "                    | 675 "          |
| 13th "                   | 679 I.         |
| 14th "                   | 680 "          |
| 7th Mar.                 | 155 "          |
| 20th "                   | 206 "          |

## J

## JUDICIAL DEPARTMENT.

*Trichinopoly. Tirumalavadi Padugay Suit.*—The Superintending Engineer, Fifth Circle, directed to report at once the amount decreed by the Court to be paid to the plaintiffs in connection with the — and also the amount paid as costs in defending the same

*Do. Do.*—The papers connected with the — forwarded in original to the Government Pleader for the necessary steps being taken for its defence



## JUDICIAL DEPARTMENT—continued.

*Kistna. Inampudi Drain Suit.*—Letter from Superintending Engineer, First Circle, forwarding copy of judgment and decree passed by the District Court at Masulipatam in connection with the — recorded ... ..

| Date of Proceedings. | Nos.      |
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| 1878.                |           |
| 25th April           | 263 I.    |
| 13th Nov.            | 678A M.I. |
| 13th Dec.            | 722 I.    |

*Madura. Suit brought against Mr. Assistant Engineer Hutchings by a Contractor.*—The defence of the — at the public expense sanctioned ... ..

*Trichinopoly. Tirumalavadi Padugay Suit.*—The payment of Rs. 3,625 to the plaintiffs in connection with the — authorised ... ..

## K

## L

## LANDS.

*Salem. Compensation for lands required for the proposed Krishnagiri Reservoir.*—Papers furnishing a rough estimate of the — recorded ... ..

6th Jan. 4 "

*Kurnool. Compensation for lands.*—The disbursement of Rs. 94-15-11 on account of — sanctioned ... ..

9th " 14 "

*Lands taken up for the Irrigation Canal Company during 1871 to 1876.*—The amount of compensation for — sanctioned ... ..

14th " 24 "

*Nellore. Land required for the Davalapuram Spring Channel.*—The draft notification on account of — ordered to be published in the Fort St. George Gazette ... ..

18th Feb. 101 "

*Do.—Erratum* ... ..

5th May 276 M.I.

*Lands irrigated by Government or private tanks, channels or streams.*—Proceedings, Revenue Department, approving the form proposed by the Board for showing the — communicated to the Chief Engineer for Irrigation. }

18th Feb. 108 "  
3rd Mar. 185 "  
and and "  
1st April 222 "

*Bellary. Lands taken up in the Royalchereu tank bed.*—The restoration of the — to the owners directed, and the cultivation of the land permitted ... ..

6th Mar. 148 I.

*Compensation paid by Civil Officers for lands acquired by Public Works Department in past years.*—Proceedings, Revenue Department, communicating Board's Proceedings, explaining the difficulty in furnishing the information required regarding the — communicated to the Examiner of Public Works Accounts ... ..

12th " 173 M.I.

*Kistna. Lands taken up for channels in the Balliparru Estate.*—Proceedings, Revenue Department, sanctioning a permanent deduction from the peisheush on account of the — communicated to the Chief Engineer for Irrigation. }

15th Mar. 181 "  
and and "  
20th " 199 "

*Chingleput. Compensation for land taken up for the Ochembrambakam Tank.*—Letter from the Government of India sanctioning the allotment provided in the revised budget for — communicated to the officers concerned ... ..

18th " 188 I.

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| <b>LANDS—continued.</b>                                                                                                                                                                                                        | 1879.                |            |
| <i>Chingleput. Compensation for lands taken up for the Chembambakam Tank Project.—</i> Approving of the suggestions of the Chief Engineer for Irrigation to meet the demands on account of — ... ..                            | 12th May             | 291 I.     |
| <i>Acquisition of land for certain works in the Tanjore District.—</i> The notification for the — ordered to be published in the Fort St. George Gazette ... ..                                                                | 27th "               | 315 "      |
| <i>Godavari. Lands protected by the Polaveram Embankment.—</i> Passing orders on the information furnished by the Revenue Department regarding the — for transmission to the Government of India ... ..                        | 12th June            | 344, 345 " |
| <i>Do. Compensation for land taken up for the improvement of the Kodurivari Tank.—</i> The Examiner authorised to pass the charge of Rs. 166-14-0 for — ... ..                                                                 | 25th July            | 414 "      |
| <i>South Arcot. Compensation for lands taken up for Irrigation Works.—</i> Directing the early settlement of the claims for — ... ..                                                                                           | 3rd Sept.            | 488 "      |
| <i>Do. Compensation for lands taken up for certain Irrigation Works.—</i> The delay in adjusting claims on account of — considered unsatisfactory ... ..                                                                       | 3rd "                | 488 "      |
| <i>Nellore. Land compensation in connection with the Pennér Anicut System.—</i> The Revenue Department requested to ascertain when the approximate statement of — will be ready ... ..                                         | 22nd "               | 556, 557 " |
| <i>Kistna. Land taken up in 1859-60 for village drainage.—</i> Proceedings in the Revenue Department sanctioning compensation on account of — communicated to the Chief Engineer for Irrigation ... ..                         | 16th "               | 537 M.I.   |
| <i>Land required for a trackway in the Cuddapah District.—</i> Sanctioning the tenure by the Madras Irrigation and Canal Company of certain — at an annual rent of Rs. 0-5-9 ... ..                                            | 30th "               | 564 I.     |
| <i>Nellore. Compensation for land taken up for excavating channel in the north bank of the Pennér.—</i> Proceedings in the Financial Department sanctioning bill on account of — communicated to the officers concerned ... .. | 14th Oct.            | 605 M.I.   |
| <i>Godavari. Land compensation connected with Irrigation Works.—</i> The Examiner authorised to pass the bills for —                                                                                                           | 16th "               | 619 I.     |
| <i>Do. Compensation for lands taken up for the Mogultur drain.—</i> The Examiner authorised to pass the bills for —                                                                                                            | 5th Nov.             | 663 "      |
| <i>North Arcot. Compensation for certain putta lands taken up in 1871 for the improvement of Katta Minchi tank bund.—</i> Proceedings in the Revenue Department sanctioning payment of Rs. 226-... as — ... ..                 | 4th "                | 600 M.I.   |
| <i>Nellore. Land compensation on account of the Sarvapalle Project.—</i> The Examiner authorised to pass the further expenditure incurred in connection with — ... ..                                                          | 6th Dec.             | 712 I.     |



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| <b>LANDS—continued.</b>                                                                                                                                                                                                             |                                       |                                   |
| <i>Compensation for lands taken up for the Chembrumbakan Tank.</i> —Instructions issued for the speedy settlement of the claims on account of — ... ..                                                                              | 1879.<br>22nd Dec.                    | 739 I.                            |
| <b>LOCKS.</b>                                                                                                                                                                                                                       |                                       |                                   |
| <i>Kistna. Locks on the Commamur Canal, Western Delta.</i> —The Government of India requested to sanction for immediate execution the estimate amounting to Rs. 3,55,550 for the construction of — ... ..                           | 24th Jan.                             | 48, 49 "                          |
| <i>Do. Lock at the point where the Buckingham Canal debouches into the Romperu Estuary.</i> —Proceedings, Revenue Department, deferring the question of constructing a — communicated to the Superintending Engineer, First Circle. | 8th Mar.                              | 710 M.W.                          |
| <i>Tanjore. New Fish Lock at the Lower Coleroon Anicut.</i> —<br>The immediate construction of the — at the spot selected by Mr. Thomas and Captain Brockman, sanctioned. }                                                         | 22nd "<br>8th April<br>and "<br>9th " | 209 I.<br>244 "<br>and "<br>251 " |
| <i>Kistna. Kolimerla Lock.</i> —Endorsement of the Chief Engineer for Irrigation stating that Rs. 2,000 can be provided by transfer for the — forwarded to the Government of India ... ..                                           | 28th Mar.                             | 214, 215 "                        |
| <i>Godavari. Kulla Lock.</i> —The adjustment of the irrecoverable balances of advances made to stone masons for constructing the — sanctioned ... ..                                                                                | 8th April                             | 229 "                             |
| <i>Do. Bayana Weir.</i> —Rs. 2,500 allotted for expenditure during the current year in the improvement of irrigation under the — and certain transfer of funds recommended by the Chief Engineer for Irrigation sanctioned ... ..   | 5th May                               | 277 "                             |
| <i>Do. Do.</i> —Sanctioning revised estimate for improvements to Irrigation Works under the — ... ..                                                                                                                                | 6th "                                 | 282 "                             |
| <i>Tanjore. New Fish Lock at the Coleroon Anicut.</i> —The Superintending Engineer to call upon Captain Brockman to prepare detailed estimate for the — for submission to the Chief Engineer for Irrigation ... ..                  | 14th "                                | 298 "                             |
| <i>Do. Do.</i> —Funds allotted for the — in G.O. No. 244 I. of 8th April 1879 withdrawn ... ..                                                                                                                                      | 14th "                                | 298 "                             |
| <i>Coimbatore. Mungamary Waste Weir.</i> —Proceedings in the Financial Department sanctioning an estimate for constructing the — communicated to the officers concerned ... ..                                                      | 6th June                              | 336 M.I.                          |
| <i>Kistna. Kolimerla Lock, Peddaganjam Lock, and other works connected with the Commamur Canal.</i> —Disposes of the budget grant of Rs. 44,365 for the — ... ..                                                                    | 17th Oct.                             | 621 I.                            |
| <b>M</b>                                                                                                                                                                                                                            |                                       |                                   |
| <b>MAPS AND PLANS.</b>                                                                                                                                                                                                              |                                       |                                   |
| <i>Coimbatore. Revenue Survey Maps of part of the Karur and Udumalpet Taluks.</i> —Sanctioning the bill and providing funds by transfer for charges incurred in obtaining.                                                          | 3rd Sept.                             | 487 "                             |



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| <b>MEDICAL DEPARTMENT.</b>                                                                                                                                                                                                                                                                                                                         |                      |               |
|                                                                                                                                                                                                                                                                                                                                                    | 1879.                |               |
| <i>Hospital Assistant, D. Antony.</i> —Proceedings in the Public Department communicating letter from the Surgeon-General, Indian Medical Department, intimating that he has deputed — to proceed to Kistna to afford medical aid to the work-people employed on the Commamur Canal, communicated to the Superintending Engineer, First Circle ... | 10th May             | 289 M.I.      |
| <i>Salem. Stores supplied to the Marandahully Project Hospital.</i> —Proceedings in the Financial Department regarding the claim of one Boyee Chetty for — communicated to the officers concerned ... ..                                                                                                                                           | 7th July             | 382 "         |
| <b>MISCELLANEOUS.</b>                                                                                                                                                                                                                                                                                                                              |                      |               |
| <i>Engraved section paper sheets for registering the rise and fall of rivers.</i> —Letter from the Government of India forwarding — lodged ... ..                                                                                                                                                                                                  | 9th Jan.             | 16 "          |
| <i>Clearance of Prickly pear from tank bunds.</i> —Proceedings, Revenue Department, communicating Board's Proceedings reviewing reports from Collectors regarding the — communicated to Superintending Engineers ... ..                                                                                                                            | 18th Feb.            | 107 "         |
| <i>Delay in printing Proceedings during April 1879.</i> —The explanation of the Superintendent of the Government Press relative to the — recorded ... ..                                                                                                                                                                                           | 4th July             | 379 "         |
| <i>Printing.</i> —The Chief Engineer for Irrigation authorised to get such — for his office as cannot be executed without delay at the Government Press done in accordance with the arrangements made by him ... ..                                                                                                                                | 13th Sept.           | 532 "         |
| <i>Malarious fever in the village of Koonathoor.</i> —Proceedings in the Public Department directing the Collector of Chingleput to attend to Dr. Macrae's recommendations for checking the spread of — . . .                                                                                                                                      | 17th " and 4th Oct.  | 533 and 582 " |
| <i>Ganjam. Fall of rain and state of crops.</i> —Report on the — recorded ... ..                                                                                                                                                                                                                                                                   | 24th "               | 643 I.        |
| <i>Goddeari. Lamp-posts and lamps for locks.</i> —Funds provided by transfer for the provision of — ... ..                                                                                                                                                                                                                                         | 28th "               | 652 M.I.      |
| <b>N</b>                                                                                                                                                                                                                                                                                                                                           |                      |               |
| <b>O</b>                                                                                                                                                                                                                                                                                                                                           |                      |               |
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| <b>PROFIT AND LOSS.</b>                                                                                                                                                                                                                                                                                                                            |                      |               |
| <i>Steamer "Pioneer."</i> —Sanction accorded to the — being written off the list of floating plant ... ..                                                                                                                                                                                                                                          | 18th Oct.            | 622 I.        |
| <b>PROJECTS.</b>                                                                                                                                                                                                                                                                                                                                   |                      |               |
| <i>Cuddapah. Suggur Project.</i> —The Superintending Engineer, Second Circle, directed to submit detailed plans and estimates for certain works to the — ... ..                                                                                                                                                                                    | 14th Jan.            | 22 "          |

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| <i>Salem. Pennagondapuram, Baroor and Marandahalli Projects.</i> —Passing orders on the — ... ..                                                                                                                                                 | 11th Feb.            | 92 r.       |
| <i>Do. Krishnagiri Reservoir Project.</i> —The investigation of the — to receive further attention ... ..                                                                                                                                        | 11th „               | 92 „        |
| <i>Do. Marandahalli Project.</i> —The Chief Engineer, Public Works Department, directed to arrange to place at the disposal of the Superintending Engineer, Fourth Circle, the services of an officer to complete the estimates for the — ... .. | 11th „               | 92 „        |
| <i>Do. Do</i> —Rs. 3,000 provided from the reserve for the execution of certain works to the — ... ..                                                                                                                                            | 11th „               | 92 „        |
| <i>Do. Baroor, Pennagondapuram, Marandahalli and Vannár Projects.</i> —Papers regarding — recorded with remarks ...                                                                                                                              | 1st Mar.             | 131 „       |
| <i>Do. Do.</i> —The disposal of the tools, furniture, &c., used in connection with the — ordered ... ..                                                                                                                                          | 11th Feb.            | 92 „        |
| <i>Do. Do.</i> —The instructions conveyed in the above Government Order for the disposal of the tools, &c., belonging to the — ordered not to be acted on ... ..                                                                                 | 15th Mar.            | 180 „       |
| <i>Nellore. Sungum Project.</i> —The Examiner of Public Works Accounts, to prepare a revised estimate on the data now afforded of the probable financial results of the — ...                                                                    | 2nd May              | 270, 271 „  |
| <i>Baroor Project.</i> —Letter from the Examiner remarking on the irregular outlay incurred on the — ... ..                                                                                                                                      | 17th „               | 299 l.      |
| <i>Salem. Marandahalli Project.</i> —Do. do. ... ..                                                                                                                                                                                              | 17th „               | „ „         |
| <i>Do. Do.</i> —Sanctioning estimate for a Survey Establishment for completing the investigation of the — ... ..                                                                                                                                 | 3rd June             | 331 „       |
| <i>Nellore. Sungum Project.</i> —Letter from the Government of India calling for the revised estimate of the financial returns of the — recorded ... ..                                                                                          | 2nd July             | 377 „       |
| <i>South Arcot. Pelandorai Anicut Project.</i> —Approving the adoption of the temporary arrangements suggested by the Chief Engineer for Irrigation for repairing the damages done to the main channel of the — ... ..                           | 13th Aug.            | 457A „      |
| <i>Nellore. Sungum Project.</i> —Letter from the Government of India inquiring when the revised estimate of the financial results of the — may be expected, communicated to the Examiner of Public Works Accounts ... ..                         | 1st Sept.            | 480 M.I.    |
| <i>Baroor Project.</i> —Letter from the Government of India inquiring when the estimate for the — will be submitted for sanction ... ..                                                                                                          | 15th „               | 2,355 M.W.  |
| <i>Marandahalli Project.</i> —Do. do. ... ..                                                                                                                                                                                                     | 15th „               | 2,355 „     |
| <i>Nellore. Sarvapalle Project.</i> —The Government of India informed that the preparation of the revised estimate for the — will not be possible until the services of an Executive Engineer be made available ... ..                           | 20th „               | 547, 548 l. |

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| <b>PROJECTS—continued.</b>                                                                                                                                                                                                      |                      |              |
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| <i>Marandahulli, Baroor, and Pennagondapuram Projects.</i> —<br>Narrative reports of the — forwarded for the information<br>of the Government of India ... ..                                                                   | 30th Sept.           | 562, 563 I.  |
| <i>Do.</i> —Remarks by the Government of India on the above ...                                                                                                                                                                 | 28th Nov.            | 3,046 W.     |
| <i>Nellore. Sungum Project.</i> —Note by the Examiner of Public<br>Works Accounts with statements giving the probable<br>financial results of the — forwarded to the Government of<br>India ... ..                              | 14th Oct.            | 606, 607 I.  |
| <i>Chingleput. Madras Water-supply and Irrigation Extension<br/>Project.</i> —No delay to occur in placing before the Govern-<br>ment of India the most complete information available up<br>to date regarding the — ... ..     | 10th Oct.            | 598A, 598B „ |
| <i>Salem. Vajnair Project.</i> —Proceedings, Financial Depart-<br>ment, forwarding bills in connection with the —<br>communicated to the officers concerned. }                                                                  | 4th Oct.             | 580 M.I.     |
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| <i>Nellore. Sarvapalle Project.</i> —The Examiner authorised<br>to pass the further expenditure incurred on the —. }                                                                                                            | 6th Dec.             | 712 „        |
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| <b>PUBLICATIONS.</b>                                                                                                                                                                                                            |                      |              |
| <i>Selections No. 5 from the Proceedings of the Government,<br/>North-west Provinces, Irrigation Branch.</i> —Copies of —<br>lodged ... ..                                                                                      | 6th Jan.             | 3 M.I.       |
| <i>Selections from the Proceedings of the Madras Government in<br/>the Public Works Department (Miscellaneous 1879).</i> —The<br>Government of India furnished with a statement showing<br>the distribution of the — ... ..     | 4th Oct.             | 581 „        |
| <i>Canal and Culvert Tables.</i> —Resolution of the Government of<br>India forwarding copies of book called — communicated to<br>the Chief Engineer for Irrigation ... ..                                                       | 21st „               | 632 „        |
| <b>PUNISHMENTS.</b>                                                                                                                                                                                                             |                      |              |
| <i>Srinivasa Row, A.,</i> considered disqualified for employment<br>as Delta Superintendent ... ..                                                                                                                              | 29th May             | 321 I.       |
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| <b>R</b>                                                                                                                                                                                                                        |                      |              |
| <b>REPORTS.</b>                                                                                                                                                                                                                 |                      |              |
| <i>Progress Report of the North-west Provinces for 1877-78.</i> —<br>The annual — lodged ... ..                                                                                                                                 | 28th Jan.            | 52 M.I.      |
| <i>Do.</i> —Do. do. for 1878-79 — do. ... ..                                                                                                                                                                                    | 19th Nov.            | 685 „        |
| <i>Tour of inspection in the Godavari Delta in December 1877<br/>and January and February 1878.</i> —Notes by the Chief<br>Engineer for Irrigation on his — communicated to the<br>Superintending Engineer, First Circle ... .. | 11th Feb.            | 93 I.        |



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| REPORTS—continued.                                                                                                                                                                                                       | 1879.                        |                          |
| <i>Irrigation Revenue Report of the North-west Provinces for 1877-78.—The annual — lodged.</i>                                                                                                                           | 29th May<br>and<br>31st July | 322 M.I.<br>and<br>433 " |
| <i>Do. Do.—The Secretary to Government, North-west Provinces, requested that a copy of the publication of the — may continue to be furnished for the information of this Government ... ..</i>                           | 15th "                       | 399 "                    |
| <i>Revenue Report of the Irrigation Department in Scinde for 1875-76 and 1876-77.—Resolution of the Government of India forwarding copy of orders on the — ... ..</i>                                                    | 21st Aug.                    | 471 "                    |
| <i>Revenue Report of Irrigation Works in Bengal for 1877-78, communicated to the Chief Engineer for Irrigation ... ..</i>                                                                                                | 25th "                       | 473 "                    |
| <i>Revenue Report of the Punjab Irrigation Department for 1877-78.—Orders of the Government of India on the — communicated to the Chief Engineer for Irrigation ... ..</i>                                               | 6th Sept.                    | 503 "                    |
| <i>Errata in the annual Irrigation Progress Report for 1877-78. —Letter from the Government of India requesting to be furnished with 50 spare copies of the — lodged ... ..</i>                                          | 6th "                        | 505 "                    |
| <i>Revenue Reports of Irrigation Works in Madras for certain years.—Copies of the — forwarded to the Government of Bombay ... ..</i>                                                                                     | 17th "                       | 543 "                    |
| <i>Revenue Statement of the District of Chingleput.—Proceedings in the Revenue Department recording observations on Proceedings, Board of Revenue, submitting Mr. Arundel's report on the completion of the — ... ..</i> | 18th "                       | 545 "                    |
| <i>Annual Revenue Report of the Irrigation Department in Scinde for 1877-78.—Orders of the Government of India on the — ... ..</i>                                                                                       | 9th Oct.                     | 595 "                    |
| <i>Canal Plantation Report North-west Provinces for 1878-79.—A copy of the — recorded ... ..</i>                                                                                                                         | 19th Dec.                    | 736 "                    |
| RETURNS AND STATEMENTS.                                                                                                                                                                                                  |                              |                          |
| <i>Appropriation Return.—The — for November 1878, forwarded to the Accountant-General ... ..</i>                                                                                                                         | 24th Jan.                    | 45, 46 "                 |
| <i>Do.—Do. for December 1878 do. ... ..</i>                                                                                                                                                                              | 28th Feb.                    | 126, 127 "               |
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| <i>Do.—Do. for February " do. ... ..</i>                                                                                                                                                                                 | 25th "                       | 211, 212 "               |
| <i>Do.—Do. for May " do. ... ..</i>                                                                                                                                                                                      | 30th July                    | 429, 430 "               |
| <i>Do.—Do. for June " do. ... ..</i>                                                                                                                                                                                     | 30th "                       | 431, 432 "               |
| <i>Do.—Do. for July " do. ... ..</i>                                                                                                                                                                                     | 27th Aug.                    | 476, 477 "               |
| <i>Do.—Do. for August " do. ... ..</i>                                                                                                                                                                                   | 30th Sept.                   | 570, 571 "               |
| <i>Do.—Do. for September " do. ... ..</i>                                                                                                                                                                                | 18th Oct.                    | 628, 629 "               |
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*Progress of Agricultural Works under execution from the Extraordinary Grant.*—Statement showing the — for the quarter ended 30th September 1878, forwarded to the Government of India ... ..

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*Do.—Do.* for quarter ended 31st December 1878 ... ..

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*Do.—Do.* for quarter ended 31st March 1879 ... ..

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*Detailed statement of the works or charges the outlay for which was sanctioned by the Local Government as chargeable to Ordinary funds.*—Letter from the Government of India requesting to be furnished with a — communicated to the Chief Engineer for Irrigation ... ..

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"

*Present areas and proposed extension of irrigation by projects dependent on permanent or local sources of supply.*—Statements, showing the — forwarded to the President, Famine Commission.

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and

and

"

22nd "

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*Navigation Receipts and charges of the Godavari Delta.*—Statement showing the — for calendar year 1878, recorded ... ..

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*Statement of traffic, &c., on navigable canals in the Madras Presidency for the half-year ended 31st December 1878, forwarded to the Government of India ... ..*

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*Preparation of Irrigation Registers.*—Statement showing the progress made in the — and the endorsement of the Chief Engineer for Irrigation, communicated to the Board of Revenue ... ..

5th July

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"

*Irrigation and Rainfall in the several districts of the Madras Presidency for 1877-78.*—Statement showing — forwarded to the Government of India ... ..

10th "

390, 391

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*Dates for the submission of Periodical Returns.*—Resolution of the Government of India intimating the — communicated to the officers concerned ... ..

18th June

1,647 m.w.

*Item 3, "Statements of expenditure sanctioned and incurred on Rajbulia."*—Letter from the Government of India requesting that — may be erased from the list of yearly returns required by the Government of India, communicated to the officers concerned ... ..

12th July

1,835

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*Statements showing direct and indirect probable Revenue receipts from the five systems for each of the five years ending 1883-84.*—The Board of Revenue and the Superintending Engineers concerned to prepare and submit — ... ..

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*Kucina Delta Canals.*—Statements of navigation charges and receipts for 1878 for the — reviewed ... ..

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| <i>Range boats of the Godavari Delta.</i> —Statement showing the earnings of the — during 1878-79, recorded with remarks ... ..                                                                                                                               | 13th Dec.                  | 723 I.                   |
| REVENUES.                                                                                                                                                                                                                                                     |                            |                          |
| <i>Increase of Revenue due to certain Irrigation Works.</i> —Proceedings, Revenue Department, communicating Board's Proceedings submitting statement showing approximately the — communicated to the officers concerned ... ..                                | 20th Jan.                  | 29 M.I.                  |
| <i>Revenue derived from the Kistna Anicut for Fash 1286.</i> —Proceedings, Revenue Department, communicating Board's Proceedings submitting a register showing the — communicated to the officers concerned ... ..                                            | 20th "                     | 29 "                     |
| <i>Increase of Revenue due to certain Irrigation Works.</i> —Proceedings, Board of Revenue, furnishing information regarding — communicated to the Examiner of Public Works Accounts and to the Superintending Engineers concerned ... ..                     | 30th "                     | 56 I.                    |
| <i>Revenue due to Irrigation.</i> —The Acting Chief Engineer for Irrigation directed to place himself in communication with Mr. Wilson in order that an approximate estimate of the — be ascertained for insertion in the budget estimates for 1879-80 ... .. | 3rd Feb.                   | 72 "                     |
| <i>Tinnevely. Revenue derived from Irrigation Works.</i> —Expressing satisfaction at the — notwithstanding the heavy damage done by floods in 1877 and stating that the result reflects great credit on Mr. Grant and his staff ... ..                        | 12th "                     | 94 "                     |
| <i>New Anicut.</i> —Proceedings, Revenue Department, regarding the increase of revenue resulting from the construction of the — recorded with remarks ... ..                                                                                                  | 14th "                     | 100 "                    |
| <i>Chingleput. Revenue derived from the Gacambakam Tank.</i> —Proceedings, Revenue Department, communicating Board's Proceedings forwarding statements showing the — communicated to the Chief Engineer for Irrigation. }                                     | 18th "<br>and<br>14th Mar. | 111 M.I.<br>and<br>178 " |
| <i>Kistna. Permanent deduction in the peishcush of the Balliparru Estate.</i> —Proceedings, Revenue Department, sanctioning a — on account of lands taken up for channels communicated to the Chief Engineer for Irrigation. }                                | 15th "<br>and<br>20th "    | 181 "<br>and<br>199 "    |
| <i>Revenue due to Irrigation.</i> —The estimate of — approved and ordered to be inserted in the budget estimates for 1879-80 ... ..                                                                                                                           | 18th "                     | 196 I.                   |
| <i>Do.</i> —The Board of Revenue requested to submit the yearly estimate of — in time for insertion in the budget ... ..                                                                                                                                      | 18th "                     | 196 "                    |
| <i>Do.</i> —Mr. Wilson called on to report how the estimates for — be most satisfactorily completed ... ..                                                                                                                                                    | 18th "                     | 196 "                    |
| RIVERS.                                                                                                                                                                                                                                                       |                            |                          |
| <i>Proposed section paper sheets for registering the rise and fall of rivers.</i> —Letter from the Government of India for forwarding — lodged ... ..                                                                                                         | 9th Jan.                   | 16 M.I.                  |



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| <b>RIVERS—continued.</b>                                                                                                                                                                                                                                        | 1879.                    |             |      |
| <i>Bellary. Boring operations in the bed of the Chitravati River.—</i> Estimate of Rs. 2,100 for — sanctioned ...                                                                                                                                               | 15th Jan.                | 25          | I.   |
| <i>Do. Do.—</i> Report of progress from 15th January 1879 up to date of the — recorded ...                                                                                                                                                                      | 27th Feb.                | 123         | "    |
| <i>Tanjore. Trimulrajaur River.—</i> The Chief Engineer for Irrigation to report the object for which certain regulating works were made to the — before the construction of the railway bridge and the value of the land sought to be protected by them.       | 30th April and 12th Aug. | 401 and 675 | R.   |
| <i>Do. Do.—</i> All hurdle or other perishable work for the regulation of the — to be constructed and maintained by the Irrigation Department.                                                                                                                  | 30th April and 12th Aug. | 401 and 675 | "    |
| <i>Do. Coleroon and Cauvery Rivers.—</i> Sanction deferred for the entertainment of a Draftsman for redrawing the survey of the — ...                                                                                                                           | 1st May                  | 290         | I.   |
| <i>Vizagapatam. "Kattus" or stone and brushwood dams built in the rivers of the district.—</i> The Collector called upon through the Revenue Department to report on the — ...                                                                                  | 11th Mar.                | 169         | "    |
| <i>Do. Regulating dam in the bed of the Varahanadi River.—</i> Proceedings, Revenue Department, communicating Board's Proceedings submitting plan and estimate for constructing a — communicated to the officers concerned ...                                  | 24th Nov.                | 697         | M.I. |
| <b>S</b>                                                                                                                                                                                                                                                        |                          |             |      |
| <b>SLUICES.</b>                                                                                                                                                                                                                                                 |                          |             |      |
| <i>Arcot, South. Head Sluice for the Achadully spring channel.—</i> Estimate for constructing — sanctioned ...                                                                                                                                                  | 28th Mar.                | 226         | I.   |
| <i>Chingleput. Sluices of the Red Hills Tank.—</i> Calling for complete information on certain points and further report as to the officers responsible for the failure of the — ...                                                                            | 1st July                 | 374         | "    |
| <i>Do. Do.—</i> Captain A. C. Smith held responsible for the failure of the — ...                                                                                                                                                                               | 1st May                  | 715         | "    |
| <i>Coimbatore. Chittraghavadi Head Sluice.—</i> Funds provided for the — ...                                                                                                                                                                                    | 12th Sept.               | 526         | "    |
| <i>Do. Head and sand sluices to supply channel of Turuchi Tank.—</i> Sanctioning for entry in the budget (1880-81) the estimate for constructing — ...                                                                                                          | 13th                     | 530         | "    |
| <i>Pondavari. New Head Sluice, Central Delta.—</i> The Government of India requested to return plan and estimate for a — ...                                                                                                                                    | 18th Feb.                | 106         | M.I. |
| <i>Do. Head Sluice of the Central Delta.—</i> Letter from the Government of India requesting to be furnished with a full report on the detailed investigation as to the cause of the destruction of the — communicated to the Chief Engineer for Irrigation ... | 6th Mar.                 | 53          | I.   |
| <i>Do.—</i> Report submitted ...                                                                                                                                                                                                                                | 9th May                  | 286, 25     | "    |

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| <b>SLUICES—continued.</b>                                                                                                                                                                                                                                                            | 1879.                |              |
| <i>Godavari. Head Sluice of the Central Delta.</i> —Despatch from the Secretary of State requesting to be informed of the actual cause of the damage to the — recorded ... ..                                                                                                        | 14th Mar.            | 177 I.       |
| <i>Do.</i> —Report submitted ... ..                                                                                                                                                                                                                                                  | 22nd May             | 27           |
| <i>Do. Head Sluice for the Main Canal.</i> —The Government of India requested to pass early orders on the estimate for reconstructing the — ... ..                                                                                                                                   | 17th "               | 299, 300 I.  |
| <i>Do. Do.</i> —Sanctioned ... ..                                                                                                                                                                                                                                                    | 2nd June             | 327, 328 "   |
| <i>Do. Do.</i> —Memorandum by Colonel Mullins, dated 26th February 1874, relating to the unsatisfactory condition of the — forwarded to the Government of India ... ..                                                                                                               | 27th May             | 315A, 315B " |
| <i>Do. Ruined Head Sluice, Central Delta.</i> —Papers giving further particulars of the details of construction, &c., of the — communicated to the Superintending Engineer and copies of these Proceedings forwarded to the Government of India and to the Secretary of State ... .. | 2nd June             | 325, 326 "   |
| Despatch to Secretary of State ... ..                                                                                                                                                                                                                                                | 11th "               | 31           |
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| <i>Coimbatore. Kuruchi Tank.</i> —Sanctioning for entry in the Budget of 1880-81 the estimate for constructing head and sand sluices to supply channel of — ... ..                                                                 | 13th Sept.           | 530 I.       |
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| <i>Salem. Krishnagiri Reservoir.</i> —Papers furnishing a rough estimate of compensation for lands required for the proposed — recorded ... ..                                                                              | 6th Jan.                | 4 "                 |
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| <i>Do. Puliangudi-Kanjurinkulam Tank.</i> —Estimate for the repair of the — sanctioned ... ..                                                                                                                               | 27th "                  | 50 "                |
| <i>Do. Milutakulam Tank.</i> —Estimate of Rs. 185 for reconstructing the irrigation sluice of the — sanctioned ... ..                                                                                                       | 1st Feb.                | 96 "                |
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| <i>Do. Kanchalama Tank.</i> —Proceedings, Board of Revenue, forwarding report from the Collector regarding the repair of the — communicated to the Superintending Engineer, Second Circle ... ..                           | 8th April             | 241 „  |
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| <i>Cultivation of Tank Beds.</i> —Proceedings in the Revenue Department directing that in future no puttahs shall be granted for land for — communicated to Superintending Engineers. }                                | 4th June<br>and<br>12th Aug. | 334<br>and<br>453 „ |
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| <i>Tanjore. Claims of certain contractors for planting Nanel in the Coleroon.</i> —Approving with remarks the recommendations of the Chief Engineer for Irrigation for the settlement of the — ... ..                  | 4th Sept.                    | 491 „               |
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| <i>Steamer for the Godavari Delta.</i> —The Government of India informed how funds have been provided in the budget of 1879-80 for the — ... ..                                                                        | 20th Jan.                    | 30, 31 I.           |

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| <i>Ferry Steamer for the Godavari at Rajahmundry.</i> —Proceedings, Financial Department, communicating despatch from the Secretary of State stating that drawing and estimates for a — have been ordered to be sent to the Madras Government, communicated to the officers concerned ... | 29th Jan.           | 54 M.I.  |
| <i>Two Steam launches built for the Madras Government.</i> —Endorsement of the Marine Department transferring letter from the Government of India regarding the despatch of the — to Ocanada, communicated to the Chief Engineer for Irrigation ...                                       | 4th Feb.            | 76 "     |
| <i>Steam launches for Godavari and Kistna.</i> —Funds reserved for the payment of the — ...                                                                                                                                                                                               | 23rd Jan.           | 44 "     |
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| <i>Steam launches for the Madras Government.</i> —Telegram from the Superintendent of Marine, Calcutta, intimating that the — were made over to the Executive Engineer, Dowlaisheram, on the 11th February 1879, communicated to the Chief Engineer for Irrigation ...                    | 7th Mar.            | 15 "     |
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| <i>Upper Godavari Steamer.</i> —Further report with reference to the injury to the — recorded ...                                                                                                                                                                                         | 28th "              | 954 W.   |
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| <i>Steamers carrying Troops to Ocanada.</i> —Correspondence relating to arrangement for the safe storage of ammunition, &c., on board the — communicated to Mr. Walch ...                                                                                                                 | 19th "              | 33A "    |
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| <i>Steamer "Thistle" and one of the Steam launches to be replaced at the disposal of the Irrigation Department ...</i>                                                                                                                                                                    | 12th Sept.          | 527A I.  |

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| <b>WATER AND WELLS.</b>                                                                                                                                                                                                                                                                                                                                                       |                      |              |
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| <i>Chingleput. Wells at Alamadi.</i> —Report of the change of site for the — recorded ... ..                                                                                                                                                                                                                                                                                  | 18th Mar.            | 191 E.       |
| <i>Do. Water for the Saidapet Farm.</i> —Proceedings, Revenue Department, communicating Board's Proceedings requesting the Collector to consult with the Executive Engineer as to the best course to be adopted for bringing — from the Chembrambakam tank, communicated to the Chief Engineer for Irrigation ... ..                                                          | 17th "               | 185 M.I.     |
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*Kistna. Water in the Tungabadra.—*The Superintending Engineer directed if necessary to pass the whole of the — to Kistna either before or after 31st December next ...

*Artesian Wells.—*Mr. DeClosets thanked for his communication anent — ... ..

*Do.—*Papers on the subject of — recorded and communicated to Superintending Engineers ... ..

*Water-rate Rules.—*Proceedings, Revenue Department, sanctioning the continuance of the — recorded.

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*Irrigation Works in Zemindaris.—*Proceedings in the Revenue Department communicating Board's Proceedings regarding the provision of funds for repair of — recorded.

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102

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