

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works

DEPARTMENT.

G.O. No. 1623-24	Press Mis.
103 to 111	
Dated 5-7-18	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th July 1872.*

Read the following papers:—

- | | |
|----------|---|
| No. 103. | From the Superintending Engineer, 1st Division.
(Here enter No.—, dated April 1872.) |
| No. 104. | Do. do. do. 2nd do.
(Here enter No.—, dated 26th April 1872.) |
| No. 105. | Do. do. do. 3rd do.
(Here enter No.—, dated 15th April 1872.) |
| No. 106. | Do. do. do. 4th do.
(Here enter No. 223, dated 15th April 1872.) |
| No. 107. | Do. do. do. 5th do.
(Here enter No. 43, dated 21st May 1872.) |
| No. 108. | Do. do. do. 6th do.
(Here enter No.—, dated 5th June 1872.) |
| No. 109. | Do. do. do. 8th do.
(Here enter No.—, dated 3rd May 1872.) |

Statement showing the progress of Agricultural Works under execution from the Extraordinary Grant for the year ended 31st March 1872.

Name of Work.	Amount of Estimate.	Current year's Grant.	EXPENDITURE		Total Expenditure to date.	Succinct account showing the state to which the works have been advanced up to date.	In the year 1871-72.	Up to the year 1871-72.
			During the quarter.	During the current year.				
Extension of irrigation from Western Delta.	Rs. 13,04,610	Rs. 2,96,804 G. O. No. 2,196 dated 28th August 1871.	Rs. 27,321	Rs. 63,995	Rs. 2,25,629	*Short expenditure owing to the difficulty in obtaining labour, almost all that is available being required for the maintenance of existing works.		
						Nursapore Canal—Estimate, Rupees 2,09,600.		
						Masonry Works.		
						Locks ...	02	03
						New weirs ...	00	03
						Minor Channels and Masonry Works.		
						Earth-work ...	00	024
						Masonry works ...	003	003
						Bank Canal—Estimate, Rs. 1,07,990.		
						Drainage tunnels ...	003	05
						Venkaia and Weyera—Estimate, Rupees 11,900.		
						Escape ...	000	100
						Uttili Canal—Estimate, Rs. 86,000.		
						Under-tunnels ...	023	100
						Drainages.		
						Yennamada—Estimate, Rs. 23,500.		
						Earth-work ...	012	012
						Bandadi and Padayacoda—Estimate, Rupees 11,550		21
						Done, not paid for.	009	0021
						Canal—Estimate, Rupees 5,700		
						Buggisseram Drain—Estimate, Rupees 8,950		
						Done, not paid for.		0021
						Drain west of Nursapore Canal—Estimate, Rupees 18,320.		
						Earth-work ...		9

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	Paid for.		
Bridges	0.75	...	...
Ellore Canal—Estimate, Rs. 2,43,700.	0.75	...	...
Sluices	0.4	...	...
Earth-work	0.81	...	...
Head-slucice	1.00	...	...
Bridges	0.66	...	...
Drops	0.5	...	...
Under-tunnel	1.00	...	...
Regulating Bridge and Escape	0.565	...	...
Village sluices	0.17	...	...
Flow-Level Channel.	0.17	...	...
Earth-work	0.82	...	...
Bridges	1.00	...	...
Drops	0.7	...	...
Escapes	1.00	...	...
Panthicodu Drain.	0.75	...	...
Earth-work	0.19	...	...
Head-slucice	0.0	...	...
Aqueduct	1.00	...	...
Regulator	1.00	...	...
Bridge	1.00	...	...
Drainage from 9½ miles of Mid-Level Channel and sundry drains.	0.00	...	...
Earth-work	0.05	...	...
Drainage Diversion.	0.3	...	...
Earth-work	0.3	...	...
Junction Canal—Estimate, Rupees 72,500.	0.05	...	...
Earth-work	0.13	...	...
Mid-Level Channel.	1.00	...	...
Head-slucice.	0.5	...	...
Low-Level Channel.	0.5	...	...
Head-slucice.	0.5	...	...
Other works not commenced though materials are being prepared for many of them.	0.5	...	...

Statement showing the progress of Agricultural Works under execution from the Extraordinary Grant, etc.—(Continued.)

Name of Work.	Amount of Estimate.	Current year's Grant.	Expenditure		Total Expenditure to date.	Succinct account showing the state to which the works have been advanced up to date.	In the year 1871-72.	Up to the year 1871-72.
			During the quarter.	During the current year.				
Extension of Irrigation from Palaru Canal.	Rs. 10,80,000	Rs. 2,00,000	Rs. 53,000	Rs. 93,233	Rs. 2,50,209	• Short expenditure due to difficulty in procuring labour, short period of working season in the Delta, and to change of Executive Officer.		
		G. O. No. 2196. 25th August 1871.				<i>Thosipooddy Lock.</i> Excavating foundations and filling in ... Concrete ... Rough stone-in-chunam ... Cut-stone coping and flooring ... Brick-in-chunam ... Cut-stone quoins ... Rough-stone apron ... Plastering two coats of chunam ... <i>Thosipooddy Calingulak.</i> Excavating foundations ... Concrete ... Rough stone-in-chunam ... Cut-stone ... <i>Chaintapilly Lock.</i> Excavating foundations and filling in ... Concrete ... Rough stone-in-chunam ... Cut-stone quoins ... Do. coping and flooring ... Rough-stone apron ... Brick-in-chunam ... Plastering two coats ... <i>Chaintapilly Calingulak.</i> Excavating foundations ... Concrete ... Rough stone-in-chunam ...	0.05 0.03 0.70 0.78 0.73 1.00 0.56 0.33 0.63 0.85 0.18 0.14 0.59 1.00 0.97 0.92 0.80 0.72 0.75 0.33 0.66 0.93 0.19	1.00 1.00 0.97 0.95 0.75 1.00 0.56 0.33 0.63 0.85 0.18 0.14 1.00 1.00 0.97 0.92 0.80 0.72 0.75 0.33 0.66 0.93 0.19

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<i>Rest-house at Chintapilly.</i> Rough stone-in-chunam ... Brick-in-chunam ... Excavating foundations and filling in ... Arch work ... Mud wall ... <i>Lock at Madapad.</i> Excavating foundations and filling in ... Concrete ... Rough stone-in-chunam ... Cutting, coping, and flooring ... Cutting quoins ... <i>Calingulak at Madapad.</i> Excavating foundations and filling in ... Concrete ... Rough stone-in-chunam ... <i>Calingulak at 7th mile, Cocanada Canal.</i> Excavating foundations and filling in ... Concrete ... Rough stone-in-chunam ... <i>Lock at Cocoor.</i> Excavating foundations and filling in ... Concrete ... Rough stone in chunam ... Cut-stone coping and flooring in ... Do. quoins ... <i>Excavating Tooliabaga Drain.</i> Earth-work ... <i>Kootookooloor Drain.</i> Earth-work ... <i>Improving Cocanada Canal.</i> Earth-work ... <i>Escape over Bheemavaram Aqueduct.</i> Concrete ... Rough stone-in-chunam ... Cut-stone ... <i>Improvements to Samulcootlah Canal.</i> Widening ... Bridges ... Materials for Ventoor Calingulak, Na-	1.00 0.72 1.00 1.00 1.00 0.89 0.5 0.90 0.18 0.11 0.11 0.75 0.49 0.02 0.5 1.00 0.08 0.75 1.00 0.65 0.35 0.15 0.31 0.76 0.26 0.76 0.25 0.13 1.0 1.0	1.00 0.72 1.00 1.00 0.89 0.5 0.90 0.18 0.11 0.11 0.75 0.49 0.02 0.5 1.00 0.08 0.75 1.00 0.65 0.35 0.15 0.31 0.76 0.255 0.76 0.25 0.13
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doorbaka Aqueduct, Komaripallam Sluice, and Bicarvale Nos. 1 and 2 Drops are also nearly collected during 1871-72.

*Proceedings of the Madras Government, Public Works Department,
5th July 1872.*

Statement showing the progress of Agricultural Works under various Acts.								
Name of Work.	Amount of Estimate.	Current year's grant.	EXPENDITURE		Total Expenditure to date.	Succinct account showing the state to which the works have been advanced up to date.	In the year 1871-72.	Up to the year 1871-72.
			During the quarter.	During the current year.				
Name of Work.	Rs.	Rs.	Rs.	Rs.				
Enlargement, extension, and improvement of the channel in the Masulipatam section of the Krishna Delta.	1,83,100	40,000	4,269	*21,157	Rs. 1,45,482	*Short expenditure owing to difficulty in obtaining labour, as poorer classes are becoming land-holders and want work as coolies. Masulipatam Canal, from 1st to 4th mile Do. from 4th to 12½ miles Pulleru, from Karkipad to head of Pol-rozukodu Masonry works Head-slucice Earth-work	0-25 0-10 0-17 -16 -07	'58 '65 '93 1. 1. .8
Irrigation channel on the west side of Masulipatam Canal from 13th mile to Adilnagar.	49,500	G. O., No. 1,381, 19th May 1871.	4,847	*10,000	31,824	Earth-work Masonry works...	-04 -13	-36 -13
Extension of the canal for 1,000 yards from the ancient to the bank of Entree Branch.	1,13,500	25,000	855	*5,446	2,19,394	Earth-work Masonry works	0-25	1-08 1-0
Extension of the canal from the main ditch of the ancient branch to the south-east corner of the canal and enlarging the bed of Main Canal from Netheragurram to Borgepalla.	2,76,400	50,000	23,259	+41,710	1,63,556	Head-slucice and bridge Head of channel Enlarging and improving Ryves Channel Do. branch channel Masonry works Three accommodation bridges on branch channels Earth-work Masonry works	 -13 -17 Materials being collected.	-99 -53 -53 -99 -26 -94 -80
Enlargement and improvement of Ryves, Chinnel and its branches and construction of the masonry gate.	4,14,193	45,947	45	†15	1,75,842	Masonry works		
Total	1,95,770	G. O., No. 1,384,						

*Proceedings of the Madras Government, Public Works Department,
5th July 1872.*

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Proceedings of the Madras Government, Public Works Department,
5th July 1872.

Name of Work.	Amount of Estimate.	Current year's grant.	EXPENDITURE		Total Expenditure to date.	Succinct account showing the state to which the works have been advanced up to date.	In the year 1871-72.	Up to the year 1871-72.
			During the quarter.	During the current year.				
Regulating works for the improvement of the river Cauvery.	Rs. 1,37,700	Deduct, as per G. O., No. 147, 17th Jan. 1872. 2,607	Rs. ...	Rs. ...	Rs. 92,933	All the works connected with this project have been completed, with the exception of the minor masonry works amounting to Rupees 9,550, which have not yet been commenced, and may be dispensed with.		
	34,300	Deduct, as per G. O., No. 506, 5th March 1872 7,030						
	1,03,400							
Deduct amount to be charged to Local Funds, as per G. O., No. 118, dated 15th January 1862.	70,400	2,607						
		G. O., No. 147, 17th January 1872.	1,915	2,063	57,083	Conveyance of rough-stone from Trichinopoly has been completed. A small balance is due to the contractor as he did not appear for payment before the end of the year. All other works provided in the estimate have been completed with the exception of the front retaining wall, which is not to be carried out.		
Completing a front and rear retaining wall and apron along the south branch of the Lower Odeeroon Anicut.	1,97,240	1,00,000	40,326	1,01,791	1,29,961	Dam across the Vennaur at the Vellayur Head.		
		Add, as per G. O., No. 506, 5th March 1872. 7,030				Vennaur Sluices.		
		1,07,030				Excavation	0-60	1-00
Regulators for the principal branches for the Vennaur.						Baling	0-52	1-00
						Centring	0-00	0-10
						Brick-in-chunam	0-59	0-75
						Plastering	0-00	0-00
						Pointing	0-00	0-00

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5th July 1872.

Cut-stone	0-51	0-60
Shutters	0-75	0-75
Sundries	0-41	0-52
Vellayur Sluices.		
Excavation	0-59	0-95
Baling	0-92	0-92
Centring	0-00	0-00
Brick-in-chunam	0-42	0-44
Plastering	0-00	0-00
Pointing	0-37	0-37
Cut-stone	0-12	0-12
Shutter	0-75	0-75
Sundries	0-14	0-19
Dam across the Pananar and Coryaur Heads.		
Brick-in-chunam	0-63	0-63
Cut-stone	0-50	0-50
Baling	0-45	0-95
Shutter	0-50	0-50
Earth-work	0-75	0-75
Excavation	0-50	0-95
Durbah rollers pegs, durbah facing	0-50	0-50
Compensation	1-00	1-00
Dam across the Pandavayur Head.		
Brick-in-chunam	0-26	0-65
Excavation	0-37	1-00
Baling	0-61	1-00
Cut-stone	0-76	0-75
Store-shed	1-00	1-00
Dam across the Vellayur Head.		
Brick-in-chunam	0-27	0-56
Excavation	0-75	1-00
Baling	0-98	1-00
Cut-stone	0-26	0-26
Store-shed	1-00	1-00

Statement showing the progress of Agricultural Works under execution from the Extraordinary Grant, etc.—(Concluded.)		Total Ex-	Succinct account showing the state to	In the
EXPENDITURE				

Statement showing the progress of Agricultural Works under execution from the Extraordinary Grant, etc.								
Name of Work.	Amount of Estimate.	Current year's grant.	EXPENDITURE		Total Expenditure to date.	Succinct account showing the state to which the works have been advanced up to date.	In the year 1871-72.	Up to the year 1871-72.
			During the quarter.	During the current year.				
Sirivenkata Anicut	RS. 9,31,000	RS. 1,75,000	RS. 63,278	RS. 99,588	RS. 6,54,482	*Short expenditure due to work having been stopped on the contractor's accounts had been adjusted work was resumed departmentally, and is now progressing satisfactorily.		.87
						Anicut		.75
						Head-slucies		.20
						Masonry works, north side		.88
						Do. do. south do.		.78
						North tanks		.69
						Do. channels		.10
						South tanks		.10
						Do. channels... ..		.87

Statement showing the nature and progress of all preliminary surveys and inquiries under prosecution in connexion with new Irrigation Projects intended to be carried out from Loan Funds.

District.	Name of Project.	Particulars of progress of investigations.
Ganjam ...	Rooshkoolia and Mahanuddy Project.	Estimates, etc., for the Rooshkoolia Project under preparation and will shortly be submitted to Government.
Do. ...	Vamsadara River or Chicacole Project.	Has been received from Captain Beckley, and is now under examination in the Superintending Engineer's office.
Godavery ...	Central Delta Project	Submitted to the Madras Government with reference to certain modifications suggested by the Acting Chief Engineer for Irrigation.
Do. ...	Unnamalunka do.	Site and plans examined by Acting Chief Engineer for Irrigation and further information called for.
Kistna ...	Eastern Delta	Plans and estimates for the completion of irrigation and drainage scheme of Kykalur portion are ready. The field-work on the other portion will be furnished in the current fair season.
Do. ...	Western do.	Field-work has been completed. Plans and estimates are under preparation.
Tinnevelly ...	Numbiar River Irrigation	Levels and surveys completed, not plotted.
Do. ...	The improvement and extension of irrigation under the Tambrapoorney and its tributaries.	Levels of North and South Codamalalagien Channels, Cunnadien Channels, and Marathoor Malacal completed and partly plotted.
Madura ...	Perryaur Project	With Chief Engineer for Irrigation.

ORDER THEREON, 5th July 1872, No. 1,623.

ORDERED that the following letter
be sent:—

(Here enter No. 1,624, dated 5th July 1872.)

(True Extract.)

(Signed) R. F. OAKES, Captain, R. E.,

Ag. Joint Secretary to Government.

Exd. A. S. Rodgers.

PUBLIC WORKS DEPARTMENT,
OOTACAMUND, 5th July 1872.

No. 111.

No. 1,624.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT.

IRRIGATION, No. 4.

SIR,—I am directed to transmit, for the information of the Government of India, the Progress Report for the year ended 31st March 1872 of all irrigation works which are being carried out from funds supplied from the Extraordinary Grant, as also a statement of Projects under investigation.

2. The report has been prepared in the form circulated with your letter No. 420-I, dated 4th June 1872.

3. With reference to paragraph 2 of letter No. 13-I, dated 5th January 1872, from the Deputy Secretary, I am to state that a column has been inserted in the present report showing the progress made on the works during the year.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed) R. F. OAKES, Captain, R. E.,

Ag. Joint Secretary to Government.

Exd. A. S. Rodgers.

Expenditure of Irrigation for
Eastern Delta

200,000
3196
G.B. 2196. 2814
August 1871.

55,000

95,288

256,209

Expenditure due to difficulties
in procuring labor - short periods of
working during the Delta and to

Change of Executive Officer.

Thos. J. J. J. J.

Excavating foundations & filling in	0.05	1.00
Concrete	0.03	1.00
Rough stone in channels	0.70	0.97
Cut stone coping and flooring	0.65	0.95
Brick in channels	0.75	0.75
Cut stone quoins	1.00	1.00
Rough stone coping	0.56	0.56
Plastering 2 coats of channels	0.33	0.33
<u>Thos. J. J. J. J.</u>		
Excavating foundations	0.55	0.55
Concrete	0.85	0.85
Rough stone in channels	0.15	0.15
Cut stone	0.14	0.14

Drainage

Parthiendras drains

Earthwork	0.19	0.5
Head sluice	0.0	1.0
Ingratment	0.00	1.00
Regulation	0.00	1.00
Bridge	0.00	1.00

Drainage from 9 1/2 miles of land

Low channels & Tundry drains

Earthwork	0.05	0.05
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Drainage diversions

Earthwork	0.3	0.3
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Drainage Canal. Estimate Rs. 72,500

Earthwork	0.13	0.75
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Mid level channels

Head sluice	}	1.00	1.00
Low level channels			

Head sluice	}	0.5	0.5
Head sluice			

Other works not commenced though materials
are being prepared for many of them.

Statement showing the Progress of Agriculture
ended 31st March 1872

his expectations from the extraordinary grant for the year

Name of work	Amount of Estimate	Current Year's Grant	Appropriation During the Quarter	Appropriation During the Current Year	Total Expenditure to date	Successive account showing the State to which the works have been advanced up to date	In the up to Year 1871
<u>Christie's Lock</u>							
Excavating foundations & filling in						0.55	1.30
Concrete						1.00	1.30
Rough stone in chimneys						0.97	0.97
Cut stone Lurins						0.92	0.92
Do Cappings & flooring						0.80	0.80
Rough stone apron						0.72	0.72
Bricks in chimneys						0.75	0.75
Plastering 2 coats						0.33	0.33
<u>Christie's Lock, Caledon</u>							
Excavating foundations						0.66	0.66
Concrete						0.93	0.93
Rough stone in chimneys						0.19	0.19
<u>Lock house at Christie's Lock</u>							
Rough stone in chimneys						1.00	1.00
Bricks in chimneys						0.72	0.72
Excavating foundations & filling in						1.00	1.00
Lock work						1.00	1.00
Mud wall						0.89	0.89
<u>Lock at Madapadi</u>							
Excavating foundations & filling in						0.5	0.5
Concrete						0.90	0.90
Rough stone in chimneys						0.18	0.18
Cutting Cappings & flooring						0.11	0.11
Cutting Lurins						0.11	0.11
<u>Locking at Madapadi</u>							
Excavating foundations & filling in						0.75	0.75
Concrete						0.49	0.49
Rough stone in chimneys						0.02	0.02
<u>Locking at 7 1/2 mile, Cocanada Canal</u>							
Excavating foundations & filling in						0.5	0.5
Concrete						1.00	1.00
Rough stone in chimneys						0.08	0.08
<u>Lock at Pooor</u>							
Excavating foundations & filling in						0.75	0.75
Concrete						1.00	1.00
Rough stone in chimneys						0.65	0.65
Cut stone Cappings & flooring in						0.35	0.35
Do Lurins						0.15	0.15

Statement showing the Progress of Agriculture
ended 31st March 1872

Expenditure from the Extraordinary grant for the year

Name of work	Amount of Estimate	Current Grant	Expenditure during the year	Expenditure during the current year	Total Expenditure to date	Successive account showing the state to which the works have been advanced up to date
Enlargement, extending, and improvement of the channels in the Madakipatam Section of the Krishna Delta.	18,100	40,000	4269	2,157	14,5482	<p>Expenditure on the Madakipatam Section of the Krishna Delta.</p> <p>Earthwork 0.76 0.76</p> <p>Improving for a canal Canal 0.255 0.26</p> <p>Escape over the main canal Aqueduct 0.76 0.76</p> <p>Concrete 0.25 0.25</p> <p>Bridge 0.13 0.13</p> <p>Improvements to the main canal 1.0</p> <p>Widening 1.0</p> <p>Bridges 1.0</p> <p>Materials for the main canal and for the escape over the main canal and for the bridge are also nearly collected during 1871-72.</p>
Irrigation Channel on the west side of Madakipatam Canal from 13th mile to Ankuram.	4,9860	4053	2409	4003	49802	<p>Earthwork 0.16 1.0</p> <p>Masonry Works 0.07 0.8</p>
Widening the head of the Madakipatam Canal for 1000 yards from the Anicut to the head of the main branch.	11,3532	25,000	4847	10,000	31824	<p>Earthwork 0.04 0.36</p> <p>Masonry Works 0.13 0.13</p>
Sloping down the banks of the main Canal from the Southern branch of the Anicut & enlarging the head of the main Canal from Seelamagere to Booparaka.	2,76,400	25,000	855	5,446	2,19,394	<p>Earthwork 0.25 1.08</p> <p>Masonry Works 1.0</p>

no expectations from the Extraordinary Grant for the year

Name of work	Amount of Estimate	Current Year's Grant	Upper division During the year	During the Current Year	Total Expenditure to date	Successive Account showing the State to which the works have been advanced up to date	In the year 1871
Enlargement and improving of the Rio de Janeiro channel and its branches and construction of the masonry works.	50,000	22,259	4,710	16,356	Head of the Rio de Janeiro channel 14 15 55 Enlarging & improving Rio de Janeiro channel 17 53 99 Masonry Works 26 3 accommodations Bridges on branch channels 3 materials being collected		
Enlargement of the channel & construction of the necessary masonry works.	45,947	45	45	17,584	Earthwork 94 Masonry Works 80 Rapids at Druggersville 74 Earthwork 6 Masonry 74		
Improvements to the Surapully channel.	100,000	12,595	80,000	33,580	Short expenditures owing to difficulty in obtaining labor. Mining Petroleum Earthwork 14 11 Masonry 5 59 Fencing 5 93 Masonry 113 Channel South of Pennington Earthwork 9 74 Cutting laterals and gravel 3 83 Masonry Works 1 98		
Arcut across the Pelanca river at Pelandoran.	46,000	16,450	34,355	71,189	* Rising to frequent but unsatisfactory changes both of the Executive and Superintending Engineers during the years 1871-72 this work has not progressed so satisfactorily as might have been desired. Arcut Brick in chimney 30 33 Cut stone 13 13 Concrete 33 36 Head of the Pelanca Brick in chimney 70 70 Cut stone 100 100		

Statement showing the Progress of Agriculture
ended 31st March 1872

Expenditure from the Extraordinary grant for the year

Name of work	Amount of Estimate	Amount of Grant	Expenditure During the Year	Expenditure During the Current Year	Total Ex- penditure to date	Successive account showing the State to which the Works have been advanced up to date	In the up to Year the year 1871
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Regulating works for the
improvement of the river
Cautery.
Deduct amount to be
charged to Local Funds
as per G.O. No. 118, dated 15th
January 1869.

10000
Deduct as per
G.O. No. 147
17th January
1872 2607
7893
Deduct as per
G.O. No. 596
5th March
1872 7050
343

Completing a front and
rear retaining walls and
a front along the South
branch of the Lower
Laroon River.

2607
G.O. No. 147 -
17th January 1872

Regulations for the
principal branches
of the River.

100000 40326
Deduct as per
G.O. No. 596
5th March
1872 7050
107050

92933

2063

57083

101791

129961

Main Channel

Earthwork

Materials prepared and collected.

All the works connected with this
Project have been completed with
the exception of the minor masonry
works amounting to Rs. 9500 which
have not yet been commenced
and may be dispensed with.

Interference of rough stone from
Mishinapoly had been completed.
The small balance is due to the
Contractor as he did not ap-
pear for payment before the
end of the year. All other works
provided in the Estimate have
been completed with the ex-
ception of the front retaining
wall which is not to be
carried out.

Same across the River at
the Victoria head.

Victoria Sluice

Excavation	0.60	1.00
Balancing	0.52	1.00
Contracting	0.00	0.10
Bricks in Channel	0.54	0.75
Plastering	0.30	0.00
Finishing	0.00	0.00
Cut Stone	0.54	0.60
Shutter	0.75	0.75
Sundries	0.41	0.62

Statement showing the Progress of Agriculture
ended 31st March 1872

Expenditure from the Extraordinary Grant for the year

Name of work	Amount of Estimate	Amount of Grant	Expenditure during the year	Expenditure during the current year	Total Ex- penditure to date	Successive accounts showing the state to which the works have been advanced up to date	In the 4th to year the year 1872
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Drainage and Irrigation

Veteran's Trenches

Excavations	0.59	0.95
Balings	0.92	0.92
Footings	0.00	0.00
Bricks in chumams	0.42	0.42
Plastering	0.00	0.00
Painting	0.37	0.57
Cut stone	0.12	0.12
Shutters	0.75	0.75
Timbering	0.14	0.19

Dams across the Panamian
and Coyana heads.

Bricks in chumams	0.63	0.63
Foot stone	0.50	0.50
Balings	0.45	0.95
Shutters	0.50	0.50
Earthwork	0.75	0.75
Excavations	0.50	0.95
Barbed wire posts, durbar	0.50	0.50
Footings	0.50	0.50

Compensation.
Dams across the Pandayaur
heads.

Bricks in chumams	0.26	0.65
Excavations	0.87	1.00
Balings	0.61	1.00
Foot stone	0.76	0.76
Stone sheds.	1.00	1.00

Dams across the Petyaur
heads.

Bricks in chumams	0.27	0.55
Excavations	0.75	1.00
Balings	0.95	1.00
Cut stone	0.26	0.26
Stone sheds.	1.00	1.00

Strengthening Ancient 5,31,600 1,75,000 53,278

+ 99,588 5,58,482

+ That expenditure due to work
having been stopped on the
Contractor being informed
when

Statement showing the Progress of Agriculture
ended 31st March 1872

Expenditure from the Extraordinary Grant for the year

Name of Works	Amount of Estimated	Amount of Grant	Expenditure During the Year	Expenditure During the Current Year	Total Ex- penditure to date	Amount Account showing the State to which the Works have been advanced up to date	In the year 1871
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When the Contractors Accounts
have been satisfied, work has
been resumed, and it is now progressing satisfactorily.

Gravel	10	87
Head Sluices	10	75
Masonry Works North Side	17	50
Do Do South Side	86	88
North Tanks	62	78
Do Channels	40	59
South Tanks	10	90
Do Channels	10	87

Statement showing the nature and progress of all preliminary surveys and inquiries under prosecution in connection with the new Irrigation Projects intended to be carried out from Excess Funds

20

District Name of Project Particulars of progress of investigation

Coimbatore Roschhorla and Mahamuddy Project Estimate re for the Roschhorla Project under preparation and will shortly be submitted to Government.

Do Yamsadara River or Chicacole Project Has been received from Captain Bechley and is now under examination in the Superintending Engineer's office.

Godavery Central Delta Project With Chief Engineer for Irrigation for revision. Returned to the Superintending Engineer for revision.

Do Umamalakunta do Site & plans examined by Acting Chief Engineer for Irrigation and further information called for.

Mistral Eastern Delta Plans & estimates for the completion of irrigation and drainage scheme of Kalyan portion are ready. The field work on the other portion will be furnished in the current fair season.

Do Western do Field work has been completed. Plans & Estimates are under preparation.

Tanjore Kumbhar River Irrigation Levels & surveys completed not plotted.

Do The improvement & extension of irrigation under the Sambrapady & its tributaries Levels of north and south Coda malalagen Channels, Cunnadieu Channels and Mowathoor Malacal Completed and partly plotted.

Madura Panyas Project With Chief Engineer for Irrigation

Submitted to the Madras Government with reference to certain modifications suggested by the Act. Chief Engineer.

P. W. 3050/72.

From July 179 A.D. 125-4.

N^o 1623
Public Works Department.

Proceedings of the Madras Government
Under date the

Read the following

From the Sup^r Engr^r T^r G^r H. E. N^o dated April 1872
" " " 2nd G^r " " " 26th do
" " " 3rd G^r " " " 15th do
" " " 4th G^r " " " N^o 223 " 15 do
" " " 5th G^r " " " N^o 43 " 21 May
" " " 6th G^r " " " " 5 June
" " " 8th G^r " " " " 3 May

+ with the letter of the 18th April

Ordered that the
following letter be sent.

H. E. N^o dated.

[Signature]
11/9

N: 16/24.

So

The Secretary to the Govt
of India P.W. Dept

Sir

I am directed to transmit
for the information of the Govt of In-
dia, The Progress Report for the year
ended 31st March 1872 of all iniga-
tion works which are being car-
ried out from funds supplied from
the Extraordinary grant as also
a statement of projects under in-
vestigation

2 The Report has been pre-
pared in the form circulated
with your letter N: 4201. dated
14 June 1872.

3. With reference to para 2 of
letter N: 13 I dated 5 January 1872
from the Deputy Secretary I am
to state that a column has
been inserted in the present re-
port.

port showing the progress
made on the works during
the year.

11.9. 1872

Gobt. of 1872 Madras.
PUBLIC WORKS. ✓

To Secretary to the Govt.
of India

Dated

Recd.

Encl. / ✓

G. O. 5th July 1872. 1623-1624.

Nos. 113 & 110 & 111

Report of the
Ordinary Irrigation Works

for the year ended 31st
March 1872 ordered to be
forwarded to the Govt.
India

Forwarded with re-
marks, Report of
Sd. Irrigation Works for the
year ended 31st March 1872

Despatched 17/7/72 with 35 cts
of G.O. 1624 of 1872