# Public Works (1896) Department.

RAILWAY BRANCH.

**G.O., No.** 984-85R

**DATED** 26th

[Despatch Abstract.]

Inspection report. — The — of the Madras Railway for the half-year ended the 30th June 1895, communicated to the agent & manager for information & necessary action and a copy of the Pros: ordered to be forwarded to the Govt of India.

Forwarding Pros: on the — of the Madras Railway for the half-year ended the 30th June 1896

[P. W. 26.
1,000—11-8-99.]

Indexed.

## BACK PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
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|  |  |  |  |  |  |  |  |

## FURTHER PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |

---

(No. I.)

No. 8241/496

To E.R.
Abrs
25/6/94

**MADRAS RAILWAY.**

AGENT AND MANAGER'S OFFICE,

Madras, 23rd June 1894

From

The Agent and Manager.
M. R. C.

To

The Consulting Engineer for Railways.
Madras.

SIR,

I have the honour to ask that you will sanction my opening a station at the 163/12 mile Bangalore Branch.

2. The Mysore Reefs and the South East Mysore Gold Mining Companies have recently taken up fresh ground near to the 163rd mile and as these mines now employ upwards of 2000 hands a convenient station between Gudupalli and Kamasamudrum stations is required.

3. I inspected the proposed site of the station in company with Mr. West on the 15th instant.

4. The site is in Mysore territory and in due course land plans will be submitted.

5. We can however open a temporary station and [illegible] with

BACK PAPERS.

our own fence and this we propose to do at once if you will kindly convey your sanction.

6. The Mysore Reefs mine commences to crush its quartz and return gold in July next and the South east Mysore mine I am officially informed in September next and the Manager of the mines is anxious to get up from Madras large supplies of steam Coal.

7. The usual estimate forms &c are submitted herewith. The name of the proposed station will be Bisanattam.

I have the honour to be,
Sir,
Your most obedient servant,

Lewis S. Moss
Agent & Manager.

(1 Estimate
& 1 plan)

Sanction as requested

26/6 94

REGISTER No. 2777
FILE No.

MADRAS RAILWAY.

*From* The Agent and Manager.

*To* The Consulting Engineer for Railways.

No.

*Dated* 188

*Recd.*

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No. 375 R. dated 29th June 1894.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

B

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Letter from the Agent & Manager Madras Railway } H.E. No $\frac{8241}{496}$ of 23rd June 1894

The opening of a station at the $\frac{163}{12}$ mile, Bangalore Branch, Madras Railway, is sanctioned.–

2. The Resident in Mysore will be requested, in the Political Department, to furnish the correct spelling of the proposed name "Bisanattam" both in English and in the vernacular.–

To The Agent & Man: Madras Ry
" Con. Engr. Ry. (...)
" Political Depto.
} Sent 29/6/94

R

2. 5/7

Mis, R, for July 1894

### P. W. D.

No.

MEMORANDUM of Papers removed from the Records of the Madras Government for reference.

## BACK PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|---|---|---|---|---|---|---|---|
|  | 1019 | R | 16-7-90 |  |  |  |  |
|  | 72-3 | R | 29-1-94 |  |  |  |  |
|  | 87 | R | 10-2-94 |  |  |  |  |
|  | 155 | R | 12-3-94 |  |  |  |  |
|  | 226 | R | 11-4-94 |  |  |  |  |
|  | 286 | R | 5-5-94 |  |  |  |  |

## FURTHER PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |

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## Enclosure No. 1 to Railway Circular No. 6 of 1890.

No. 71, dated Camp Sata, 14 miles South-South-West of Jeysalmir, the 14th February 1890.

From—The Engineer-in-Chief, Bikanir Desert Railway Survey,
To—The Director General of Railways.

1. I have the honour to report the following progress on the surveys for the month of January 1890.

2. *No. 1 Party, Delhi westwards.*—No. 1 Party under Mr. S. Brounger have reached mile 173, west of Delhi, having surveyed and levelled in detail during the month from 6 to 173 miles, equal to 111 miles, or at the mean rate of 3·6 miles daily. The route passed following towns: Surajgurh 94 mile, Chirawn 102, Bagur 110, Jhunjhun 117, Mundawa 134, Futehpur 146.

The spill waters of the Kautli Nala were crossed at 107 mile, and require approximately 1,500 lineal feet of water-way with 12 feet head-way. No sand hills basins have been crossed until the 168 mile: an improvement on last year's route which met them at mile 120.

3. *No. 2 Party from near Umarkot north-eastwards.*—No. 2 Party under Mr. L. Michel commenced the survey on 1st January at Sufi Fakir, 14 miles west of Umarkot. The progress up to 31st of January is 50 miles over a severely undulating country for 30 miles; following the valleys of the sand hills in a north-east direction. The Mungtor summit, 200 feet high, had to be reached at 20 mile before these valleys were entered. Mr. Michel's movements are greatly hampered by his having to lead out his water for 24 miles, and also to carry rations for nearly 100 men, as no large villages are met with for a length of 60 miles.

3. I was able to help his party by making arrangements with Mr. Watson, Assistant Commissioner of Umarkot, to whom my thanks are due.

4. Out of the 550 miles of survey it will be seen 223 miles have been completed, leaving a balance of 327 miles to carry out.

5. Plans and longitudinal sections have been plotted to within 15 miles of end of surveys of both parties.

### Enclosure No. 3 to Railway Circular No. 6 of 1890.

## ALTERNATIVE FORM.

*Progress report of the East Coast Railway Survey for March 1890.*

| Item No. | Division. | Length in miles. | Superior staff employed on Division. | | Located. | Pegged. | Levelled. | Check Levelled. | Land plans. | Bench marks and lock spitting. | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Ellore Division—<br>Bezvada to Samulcotta | *<br>112·2 | Mr. Baxter,<br>„ Mason,<br>„ Tayler, | Executive Engineer...<br>Assistant „ ...<br>„ „ ... | 112·2 | 112·2 | 112·2 | 112·2 | 112·2 | 112·2 | * Not including the Godavery River. |
| 2 | Tuni Division—<br>Samulcotta to Junction of Gopalapatam 89<br>Cocanada Branch 8— | 97 | Mr. Moore,<br>„ Bell,<br>„ Howard, | Executive Engineer...<br>Assistant „ ...<br>„ „ ... | 97 | 96 | 94 | 94 | 96 | 94 | |
| 3 | Vizianagram Division—<br>Vizianagram to Thaleru ... | 98 | Mr. Gahan,<br>Lt. Waghorn, R.E., | Executive Engineer...<br>Assistant „ ... | 95 | 80 | 85·75 | 5·75 | 80 | 80 | |
| 4 | Chicacole Division—<br>Thaleru to Ganjam ... | 93·75 | Mr. Oldham,<br>Lt. Kincaid, R.E., | Executive Engineer...<br>Assistant „ ... | 93·75 | 93·75 | 92·75 | 92·75 | 83 | 93·75 | |
| 5 | Chilka Lake Division—<br>Ganjam to Cuttack ... | 105 | Mr. Clift,<br>„ Bewley,<br>„ Montresor,<br>„ Berkley, | Executive Engineer...<br>Assistant „ ...<br>„ „ ...<br>Temporary „ ... | 105 | 91 | 86 | 84 | 70 | 84 | |
| | TOTAL ... | 505·95 | | | 502·95 | 472·95 | 470·70 | 388·70 | 441·2 | 463·95 | |

## Enclosure No. 4 to Railway Circular No. 6 of 1890.

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# MU VALLEY STATE RAILWAY.

*Narrative Progress Report of work done to end of January 1890.*

### First Division—0 to 45 miles.

| | | | |
|---|---|---|---|
| Staff. | Mr. Beeston | Executive Engineer. | |
| | „ Berrill | Assistant „ | (Honorary). |
| | „ Faulkner | Assistant „ | |
| | Lieut. Scudamore | Assistant „ | |

### SURVEY.

It was found on closer investigation that the preliminary survey of the Myohoung Branch was not in sufficient detail to locate the line by, and as much of the country was thickly studded with pagodas, is densely populated, and the high ground practically but a neck for a considerable portion of it, it became necessary to have a proper survey made. The want of staff much retarded the work, but it has now been finished, the line located, and the plans and sections are under preparation.

About three miles from Sagaing shore northwards had also to be realigned, to get a line suitable for the river traffic. This has been done, plans and sections completed, and work is in progress.

### EARTHWORK.

Was started on 1st December 1889. From the Sagaing shore to Obo (about 3 miles) about half done; about 5 miles (that is to mile 7) beyond Obo practically finished; from mile 7 to 10, about one-sixth done; and work has been started in 19th mile; 26 miles jungle clearing and service road done.

### STAFF QUARTERS.

*Sagaing (Obo).*—Quarters for an Assistant Engineer and Upper Subordinate finished; 4 officers' quarters in hand, timber being collected.

*Padoo.*—One Upper Subordinate's quarters in progress. All timber at site.

*Pauktan.*—An Assistant Engineer's quarters in progress. All timber at site.

Work has been considerably retarded for want of staff at the commencement.

### LABOUR.

| | |
|---|---|
| Burmans ... | 1,200 |
| Natives of India ... | 1,000 |
| | 2,200 |

### Second Division—miles 45 to 98.

| | | | |
|---|---|---|---|
| Staff | Mr. Deuchars | Executive Engineer. | |
| | „ Chadwick | Assistant „ | |
| | „ O'Neill | Assistant „ | (Honorary). |

### EARTHWORK.

About 36 miles of jungle cleared, and about 17 miles of service road made; but not continuous.

Earthwork in miles 73 to 74 and 80 to 81, half finished.
„ „ 51 to 52, 63 to 69 and 81 to 82, quarter finished.
„ „ 74 to 80, one-eighth finished.
„ „ 56 to 57 and 61 to 62, just started.
„ „ 57 to 61, 62 to 63 and 69 to 73, not started.

From mile 82 to end of division, under realignment; miles 45 to 56 (excluding 51 to 62) altered, and will have to be realigned.

### STAFF QUARTERS.

Materials being collected.

### LABOUR.

| | |
|---|---|
| Burmans ... | 4,000 |
| Natives of India ... | 600 |
| | 4,600 |

### Third Division—miles 98 to 150.

| | | |
|---|---|---|
| Staff | Mr. Newham | Executive Engineer. |
| | „ Strachey | Assistant „ |
| | „ Despeissis | „ „ |
| | „ Roberts | „ „ |
| | Lieut. Prentice | „ „ |

Work not yet commenced on this division, nearly the whole of which has been under realignment.

G. C. Press, Simla.—No. 32 P. W. D.—14-6-90—1550.

[*General Distribution.*]

Circular No. 6 Railway.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY CONSTRUCTION.

Simla, the 9th June 1890.

## Monthly Narrative Progress Reports of Railway Surveys.

Read—

Public Works Department Circular No. 7 Railway, dated 5th April 1878.
Public Works Department Circular No. 40 Railway, dated 3rd December 1879.

RESOLUTION.—In the Circulars herein read instructions were given for the submission of monthly Narrative Progress Reports, in Form A, for State Railways under construction.

2. Similar Reports have, from time to time, been submitted for Railway Surveys, but these have in many instances been either much too diffuse or so condensed as to give little idea of the actual state of progress.

3. The Government of India accordingly desires that for Railways under reconnaissance or survey a narrative report, somewhat similar to the accompanying reports of the *Bikanir Desert Railway Survey, or of the †East Coast Railway Survey, may be submitted at the close of each month; and that for Railways partly under survey and partly under construction a monthly report somewhat similar to the enclosed report of the ‡Mu Valley State Railway should be furnished. The distribution of the Staff should in every case be shown.

* *Vide* enclosure No. 1.
† *Vdie* enclosures Nos. 2 and 3.
‡ *Vide* enclosure No. 4.

ORDER.—Ordered, that this Resolution be communicated for information and guidance to the Local Governments and Administrations and Officers noted in* the margin.

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab.
The Chief Commissioners of the Central Provinces, Burma and Assam.
The Resident at Hyderabad.
The Agents to the Governor General for Central India, Rajputana, and Baluchistan.
The Accountant General, Public Works Department.
The Director General of Railways.
The Consulting Engineers to the Government of India for Railways, Calcutta, Central Division, and Lucknow.

M. C. BRACKENBURY, Major, R.E,

Under Secretary.

*Documents accompanying.*

1. Progress Report of the Bikanir Desert Railway Survey.
2. Progress Report of the East Coast Railway Survey.
3. Progress Report of the East Coast Railway Survey, Alternative Form.
4. Progress Report of the Mu Valley State Railway Survey.

G. C. Press, Simla.—No. 32 P. W. D.—15-4-90.—1550.

B.

No. 1019 R. dy 16th July 190.

Commd to the Consg. Engr. for Rys: for information and guidance in continuation of Pros: No. 354 R, dated 13th April 1878.

Sd/ J. G.
Offg. R.

Consg. Engr. for Rys:

# Progress Report of the Bezvada Ma ras Railway Survey to the end of December 1893.

| Item No | Divisions | Length of miles | Superior Staff empl yed on Division | Progress of work. |
|---|---|---|---|---|
| 1 | Madras Division. Madras to Gudur. - - - - | 86 | Mr Theo-Michell, Exec utive Engineer. V. Rungasa my Iyengar. Temporary Engi neer | Work confined to the Madras-Ennur section 11. miles. Line staked out and mostly levelled. |
| 2 | Nellore Division. Gudur to Ongole. - - - - - | 104 | Mr P. Duncan. Exec utive Engi neer<br>" J. W. Perret, Tempo rary Engi neer | Work started. Crossing of the Pennar River fixed and boring commenced. |
| 3 | Bezvada Division, Ongole to Bezvada. - - - - | 83 | Mr H. J. Oddie, Execut ive Engine er<br>" C. H. Bond, Tempo rary Engi neer | 11 miles staked out and levelled. |

Kattivakkam }
20th January 1894. }

(Signed) E. J. Shadbolt,
Engineer-in-Chief
Bezvada Madras Ry: Survey.

Bezwada Madras Railway Survey.

No 109

A011
21/1/94
ER

From

The Engineer-in-Chief
Bezwada Madras Railway Survey.

To

The Consulting Engineer for Railways
Madras.

Dated Kattivakkam the 20th January 1894

Sir,

I have the honor to forward herewith Progress Report of the Bezwada Madras Railway Survey to the end of December 1893.

I have the honor to be
Sir
Your most obedt: Servant

E. J. Shadbolt

Engineer-in-chief
Bezwada Madras Ry S.

20/1

Enclosure
one

D. L. R.
22/1 94

322

B. No 72-3 R dt/ 29-1-94

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Letter from the Engr.-in-Chief, B.-M. Ry. Survey. } H. E. No: 109 dt 20th January 1894.

Ordered that the Progress Report for the Bezwada Madras Railway Survey to the end of December 1893, be forwarded to the Government of India.

H. E. No: 73 R dt 29-1-94.

DESPATCHED
0 JAN 94

To
The Engr.-in-Chief.
B.-M. Ry. S.

To,
The Secy. to the
G. of Ind. ~~P.W.D.~~,

Sir,

With reference to your

your Circ: No: 6 Ry, dated 9th June 1890, I am directed to forward herewith for the information of the Government of India, Progress Report of the Bezwada-Madras Railway Survey upto the end of December 1893 -

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DESPATCHED
30 JAN 94

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Progress Report way Survey to the end of January 1894

| Item number | Divisions | Length miles | ss of the work |
|---|---|---|---|
| 1 | No. 1. Division<br>Madras to Gudur | 86 | r section, Eleven miles<br>ion arrangements, finally<br>velled. |
| 2 | No. 2 Division<br>Gudur to Ongole | 104 | of Penner River completed<br>d and fixed, four miles<br>velled. |
| 3 | No. 3. Division<br>Ongole to Bezwada | 83 | ged and fixed, forty three<br>nd levelled. |

Kottivakkum
Dated 6th Feby '94

gned) E. I. Shadbolt
Engineer-in-Chief
Bezwada Madras Ry. Survey

BEZWADA-MADRAS RAILWAY SURVEY.

No. 176

From

The ENGINEER-IN-CHIEF,
Bezwada-Madras Railway Survey,

To

The CONSULTING ENGINEER FOR RAILWAYS,
Madras.

Dated Kattivakkam, the 5th February 1894.

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Sir,

I have the honor to forward herewith Progress Report of the Bezwada-Madras Railway Survey to the end of January 1894.

I have the honor to be
Sir
Your most obedient Servant
E. I. Shadbolt
Engineer-in-Chief
Bezwada-Madras Ry. Survey.

Enclosure
(one)

E.S. 5/2

REGISTER
№ 601
FILE
№

B

No. 87 R dy 10th Feby/94

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Letter from the Engineer-in-Chief, Bezwada-Madras Railway Survey } H. E. No: 176 dy 5th Feby, 1894

Ordered that the Progress Report for the Bezwada-Madras Railway Survey up to the end of January 1894, be forwarded to the Government of India.

H. E. No: 88 R dy 10-2-94

To,
The Engr.-in-Chf.
B. M. Ry. Svy.

To
The Secy. to the Govt. of India, P. W. D.

Sir,

With reference to your

your Cir: No: 6 Ry, d/
th June 1890, I am
directed to forward
herewith for the in-
formation of the
Government of India
Progress Report of the
Bezwada Madras Rail-
way Survey up to the
end of January 1894.

B
No. 87-88 R d/ 10 Feby /94.

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9/2 94

PATCHED
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I. C. 14/ii

15/2

INDEXED.

# Progress Report of the Bezvada Madras Railway Survey to the end of February 1894.

| Item No. | Divisions | Length Miles | Superior staff employed. | Progress of work. |
|---|---|---|---|---|
| 1 | No. 1. Division ... | | Mr. Theo. Michell Ex: Engr. | Madras-Ennur Section (10 miles) finished and Estimates prepared. Total ranged and fixed 28 miles. |
| | Madras to Gudur | 86 | " V. Rungasawmy Iyengar Temporary Engineer | |
| 2 | No. 2. Division ... | | Mr. P. Duncan Ex: Engr: | About 20 miles ranged out of which 15 have been staked out and completed. |
| | Gudur to Nellore | 24 | " J. W. Perret Tem: Engr: | |
| | Nellore to Ongole | 80 | | |
| | Total | 104 | | |
| 3 | No. 3 Division | | Mr. H. J. Oddie Ex: Engineer | 80 miles staked out. Levelling and all other work done for 7½ miles. |
| | Ongole to Bezvada | 83 | " C. H. Bond. Temp. Engr: | |

Dated Kattivakkam }
the 6th March 1894. }

(Sd) E. I. Shadbolt
Engineer-in-Chief
Bezvada-Madras Ry: Survey.

BEZWADA-MADRAS RAILWAY SURVEY.

No. 275

From

THE ENGINEER-IN-CHIEF,
BEZWADA-MADRAS RAILWAY SURVEY,

To

THE CONSULTING ENGINEER FOR RAILWAYS,
MADRAS.

*Dated Kattivakkam,* the 6th March 1894.

---

Sir,

I have the honor to forward herewith Progress Report of the Bezwada-Madras Railway Survey to the end of February 1894.

I have the honor to be
Sir
Your most obedt. Servant

E. J. Shadbolt

Engineer-in-Chief
Bezwada-Madras Ry: Survey

[illegible] 8/3

ER

[illegible] 10/3/94
Forward

Enclo
(one)

E.
6/3

REGISTER
№ 1074
FILE
№

the 6th March 1894.

Sir:

I have the honor to forward herewith Progress Report of the Bezwada–Madras Railway Survey to the end of February 1894.

I have the honor to be
Sir
Your most obedient Servant

Engineer in Chief

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No. 155 R dy 12 March 1894.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

B.

## PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Letter from the Engr. in Chief Bezwada–Madras Ry. Survey. } H.E. No. 275 dy 6 March 94

Order direct that the Progress Report of the Bezwada–Madras Railway Survey to end of February 1894. be forwarded to the Govt. of India.–

DESPATCHED
12 MAR. 94

To the Engr. in Ch. B.M. Ry. Sy.

H.E. No 156 R dy 12 March 94

To
The Secy. to the Govt. of India
P.W.D.

Sir

With reference to your Circular No: 6 Ry dated 9th June 1890, I am directed to forward herewith for the information of of the Govt. of India, Progress Report of the Bezwada Madras Railway Survey up to the end of February 1894.

Two

A

DESPATCHED
13 MAR. 94

B

No. 155-56 R of 12th March 1894.

14/3.

Bezvada - Madras.

Railway Survey.

Progress Report

to the end of March 1894

| Divisions | Length miles | Superior Staff employed | Progress of work. |
|---|---|---|---|
| No. 1 Division | | Mr. T. Michell. Exe. Engineer<br>" V. Rungasawmy Iyengar. Temp. Engineer | Field work completed for 61 miles. Project and estimates have been submitted for the first 10 miles forming the Madras-Ennur section. |
| Madras to Gudur | 86 | | |
| Vallur to Kattur (branch) | 10 | | |
| | 96 | | |
| No. 2. Division | | Mr. P. Duncan Exe. Engr.<br>" J. W. Perret Temp Engr. | Field work completed for 32 miles |
| Gudur to Nellore (existing metre gauge) | 24 | | |
| Nellore to Singaraya | 55 | | |
| | 79 | | |
| No. 3 Division | | Mr. H. J. Oddie. Exe. Engr.<br>" C. H. Bond. Temp. Engr. | Field work completed for 83 miles on the main line and for 15 miles on the Guntur branch. |
| Singaraya to Bezvada | 101 | | |
| Sundur to Guntur (branch) | 15 | | |
| | 116 | | |

Summary of length

| | |
|---|---|
| Madras to Bezvada | 266 |
| Kattur Salt Branch | 10 |
| Guntur Branch | 15 |
| Total length of Survey | 291 |

Summary of field work completed

| | Main Line | Branches | Total |
|---|---|---|---|
| No. 1. Division | 61 | " | 61 |
| No. 2. Division | 32 | " | 32 |
| No. 3. Division | 83 | 15 | 98 |
| Total | 176 | 15 | 191 |

Kathivakum
4th April 1894

Sd/- E. J. Shadbolt
Engineer-in-chief
Bez: Madras. Ry. Survey.

## BEZWADA-MADRAS RAILWAY SURVEY.

No. 340

From

THE ENGINEER-IN-CHIEF,
BEZWADA-MADRAS RAILWAY SURVEY,

To

THE CONSULTING ENGINEER FOR RAILWAYS,
MADRAS.

*Dated Kattivakkam,* the 5th April 1894.

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Sir,

I have the honor to forward herewith the Progress Report of the Bezwada-Madras Railway Survey to the end of March 1894.

ann 7/4

I have the honor to be
Sir
Your most obedt Servt

E. O. Shadbolt

Engineer-in-chief
Bezwada-Madras Ry Surv

Encl. one.

E.C.
5/4

1582

DESPATCHED
12 APR. 94

9
12/4

B. No 226 R d/11-4-94

PUBLIC WORKS DEPARTMENT.
RAILWAY BRANCH.

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Letter from the Engr.-in-Chief Bezwada-Madras Ry. Sy. } H.E. No. 340 of 5th April 1894

Ordered that the Progress Report of the Bez: Madras Ry Survey to end of March 1894, be forwarded to the Govt. of India

To the Engr.-in-Ch. B. M. Ry. Sy.

H.E. No 227 R of 11th April 94

To The Secretary to the Govt of India
P. W. Depts

Sir,

With reference to your Circular No. 6 Ry, dated 9th June 1890, I am directed to forward herewith for the information of

# Bezwada Madras Railway Survey
# Progress Report to the end of April 1894

| Divisions | Length Miles | Superior staff employed | Progress of work |
|---|---|---|---|
| **No. 1. Division** | | Mr. T. Mitchell Exe: Engineer | Field work completed for main line, 86 miles Project and Estimates for the Madras-Ennur section, 10 miles have been submitted separately. |
| Madras to Gudur | 86 | Mr. V. Rungasawmy Iyengar Temporary Engineer | |
| Vellur to Kuttur (branch) | 10 | | |
| | 96 | | |
| **No. 2. Division** | | Mr. P. Duncan Exe: Engineer | Field work completed for 54 miles |
| Gudur to Nellore (existing metre gauge) | 24 | Mr. J. W. Perrett Temp: Engineer | |
| Nellore to Ongole | 72 | | |
| | 96 | | |
| **No. 3 Division** | | Mr. H. J. Oddie Exe: Engineer | Field work completed for the whole 99 miles |
| Ongole to Bezwada | 84 | Mr. C. H. Bond Temp: Engineer | |
| Sundur to Guntur (branch) | 15 | | |
| | 99 | | |
| **Summary of Length** | | | |
| Madras to Bezwada | 266 | | |
| Kuttur Salt Branch | 10 | | |
| Guntur Branch | 15 | | |
| Total length of survey | 291 | | |

## Summary of Field work Completed

| | Main line | Branches | Total |
|---|---|---|---|
| No. 1. Division | 86 | " | 86 |
| No. 2. Division | 54 | " | 54 |
| No. 3. Division | 84 | 15 | 99 |
| | 224 | 15 | 239 |

Dated Kuttivakkam }
the 1st May 1894 }

(Signed) E. J. Shadbolt
Engineer-in-Chief Bezwada
Madras Ry Survey

**BEZWADA-MADRAS RAILWAY SURVEY.**

No. 410

From

THE ENGINEER-IN-CHIEF,

BEZWADA-MADRAS RAILWAY SURVEY,

To

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

*Dated Kattivakkam, the* 1st May 1894.

Sir,

I have the honor to forward herewith the Progress Report of the Bezwada-Madras Railway Survey to the end of April 1894.

I have the honor to be
Sir
Your most obdt. Servant

E. J. Shadbolt

Engineer-in-chief
Bezwada Madras Ry Survey.

4/5/94

Enclo
(One)

8.
30/4

REGISTER
No 1201
FILE
No

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B.

No. 286 Ry 5th May 1894.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

## PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Letter from the Engr. in Chief Bezwada Madras Ry Sy } H.E. No. 410 of 1st May 94

Ordered that the Progress Report of the Bezwada-Madras Ry Sy. to the end of April 1894, be forwarded to the Govt. of India.—

To The Engr. in Ch. B. M. Ry Sy.

H.E. No 287 R of 5th May 94

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

Sir

With reference to your Circular No: 6 Ry, dated 9th June 1890, I am directed to forward herewith for

# Bezwada-Madras Railway Survey
# Progress Report to the end of May 1894

| Divisions | Length Miles | Superior staff employed | Progress of work |
|---|---|---|---|
| No 1. Division | | Mr. Thos: Michell Exe: Engineer | all field work having been completed during the month of May no further progress report will be submitted<br>The staff is now Collecting together at Coonoor for the purpose of preparin the designs and Estimat Connected with the project. |
| Madras to Gudur | 86 | " V. Rangaswami Iyengar Temporary Engineer | |
| Vallur to Kattur (branch) | 10 | | |
| | 96 | | |
| Gudur to Nellore | | | |
| Existing metre gauge | 24 | no field work | |
| No 2. Division | | Mr. P. Duncan Executive Engineer | |
| Nellore to Ongole | 72 | " J. W. Perrett Temporary Engineer | |
| No 3. Division | | Mr. H. J. Oddie Executive Engineer | |
| Ongole to Bezwada | 84 | " C. H. Bond Temporary Engineer | |
| Sundur to Guntur (branch) | 15 | | |
| | 99 | | |
| Summary of Length | | | |
| Madras to Bezwada | 266 | | |
| Kattur salt-branch | 10 | | |
| Guntur Branch | 15 | | |
| Total length of survey — | 291 | | |

Coonoor
5th June, 94

(Signed) E. I. Shadbolt
Engr. in Chief, Bezwada-
Madras Railway Surv

1028
8/6/94
As usual

**BEZWADA-MADRAS RAILWAY SURVEY.**

No. 493.

From

THE ENGINEER-IN-CHIEF,
BEZWADA-MADRAS RAILWAY SURVEY,

To

THE CONSULTING ENGINEER FOR RAILWAYS,
MADRAS.

*Dated* Coonoor ~~Kattivakkam~~, the 5th June 1894.

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Sir,

I have the honor to forward herewith the Progress Report of the Bezvada – Madras Railway Survey to the end of May 1894.

I have the honor to be
Sir
Your most obedt Servant

E. J. E. Wadbolt
Engineer-in-chief
B M Ry Survey

Enclosure
(one)

E.S.
5/6

REGISTER
No 2534
FILE
No

No 352 R of 14th June 1894.

B

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Letter from the Engr. in Chief Bez: Mad: Ry Ey } H.E. No. 493 of 5th June 1894.

Ordered that the Progress Report of the Bezwada-Madras Ry Survey to the end of May 1894, be forwarded to the Govt. of India.

W
13 June

To The Engr. in Ch: B. M. Ry Ey.
copy despatched 14-6-94

H.E. No 353 R of 14th June 1894

To The Secy: to the Govt. of India P. W. D. Simla

W
13 June

Sir,

With reference to your Circular No. 6 Railway, dated 9th June 1890, I am directed to forward herewith, for the information of