

(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. | <i>1687</i> | Press                |
| B.P. No. |             | Mis.                 |
| Dated    | <i>5-7</i>  | <i>C8 76.</i><br>195 |

Not to be folded or roughly handled

Report of Progress in Bore hole No. 11.  
during the month of May 1876.

| Depth<br>from<br>surface. | Nature of soil.                           | Thickness<br>of each<br>stratum | Date of beginning to bore<br>through each stratum. |
|---------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------|
| 1<br>356-7                | 19<br>Brought forward from<br>last report | 11-                             | up to 30 April 1876.                               |

Abandoned

J. W. Pumphell Lieut. Col.  
Executive Engineer in charge Godavari Ry.

Report of Progress in Borehole No 12.  
during the months of May 1876.

| Depth<br>from<br>surface. | Nature of soil - | Thickness<br>of each<br>stratum. | Date of beginning to<br>bore through each stratum. |
|---------------------------|------------------|----------------------------------|----------------------------------------------------|
|---------------------------|------------------|----------------------------------|----------------------------------------------------|

|       |                                     |   |                       |
|-------|-------------------------------------|---|-----------------------|
| 295-4 | Brought forward<br>from last report | } | " Up to 30 April 1876 |
|-------|-------------------------------------|---|-----------------------|

Abandoned

J. W. Campbell Lieut R.E.  
Executive Engineer in charge Godavery R.

17. 4531/96.

M. 453.1  
2 / 76.

Report of progress in Barichole No. 13. 3 4  
during the month of May 1876.

| Depth from surface.    | Feature of soil.                      | Thickness of each stratum. | Date of beginning to bore through each stratum. |
|------------------------|---------------------------------------|----------------------------|-------------------------------------------------|
| 112-6                  | Brought forward from last report      | "                          | Upto 29 April 1876                              |
| From 112-6<br>To 118-6 | Dark clay                             | 6-                         | 1 <sup>st</sup> to 2 <sup>nd</sup> May 1876     |
| "                      | Excavating earth                      | "                          | From 3 to 5 May 1876                            |
| "                      | Putting down pipes                    | "                          | 6 May 1876                                      |
| "                      | Piping 110 feet                       | "                          |                                                 |
| From 118-6<br>To 125-" | Dark clay                             | 6-6                        | From 8 to 10 May 1876                           |
| From 125-"<br>To 128-" | Dark clay with mineral charcoal       | 3-                         | } From 11 to 12 May 1876                        |
| To 131-"               | Light dark clay                       | 3-                         |                                                 |
| From 131-"<br>To 132-4 | Light dark clay with mineral charcoal | 1-4                        | } 13 May 1876                                   |
| To 133-4               | Dark clay with shale                  | 1-                         |                                                 |
| To 137-4               | Light dark clay                       | 4-                         |                                                 |
| To 138-4               | Do do with coal                       | 1-                         |                                                 |
| From 138-4<br>To 142-4 | Shell                                 | 4-                         | 15 May 1876                                     |
| From 142-4<br>To 147-7 | Dark clay                             | 5-3                        | 16 May 1876                                     |
| From 147-7<br>To 155-7 | Light Dark clay                       | 9-                         | } From 17 to 19 May 1876                        |
| To 160-7               | Argillaceous stone                    | 4-                         |                                                 |
| From 160-7<br>To 191-1 | White sand stone                      | 30-6                       | From 20 to 29 May 1876                          |
|                        | Clearing bore holes                   | "                          | 30 and 31 May 1876                              |

J. W. Campbell Lieut. Col.  
Executive Engineer in charge Govt. D.

1745-31/96.

# Report of Progress in Bore hole No 14 (Commenced) during the month of May 1876.

| Depth from surface | Nature of Soil                                                 | Thickness of each stratum | Date of beginning to bore through each stratum     |
|--------------------|----------------------------------------------------------------|---------------------------|----------------------------------------------------|
|                    | Laying out pipes                                               |                           | 1 <sup>st</sup> May 1876                           |
|                    | Removing pipes to No 14 Borehole & excavating brown soil 9 x 9 |                           | 2 <sup>nd</sup> May 1876                           |
| From 13-2          | Brown soil                                                     | 6-2                       | 3 <sup>rd</sup> May 1876                           |
| To 13-2            | Do Do with Hunter                                              | 3-0                       |                                                    |
|                    | Course variegated sand stone                                   | 4-"                       |                                                    |
| From 13-2          | Course Brown sand stone                                        | 1-"                       | 4 <sup>th</sup> May 1876                           |
| To 21-2            | with Conglomerate                                              | 8-"                       |                                                    |
| From 21-2          | Variegated sand stone                                          | 28-"                      | From 5 <sup>th</sup> to 6 <sup>th</sup> May 1876   |
| From 49-2          | Variegated sand stone                                          | 3-"                       | From 8 <sup>th</sup> to 9 <sup>th</sup> May 1876   |
| To 52-2            | Conglomerate                                                   | 1-10                      |                                                    |
|                    | Variegated sand stone                                          | 4-"                       |                                                    |
| From 58-"          | Variegated sand stone                                          | 1-"                       | 10 <sup>th</sup> May 1876                          |
| To 59-"            | Land stone with iron                                           | 2-"                       |                                                    |
|                    | Light Brown sand stone                                         | 2-"                       |                                                    |
|                    | Light Brown clay                                               | 1-"                       |                                                    |
| From 64-"          | Light brown clay                                               | 4-"                       | From 11 <sup>th</sup> to 13 <sup>th</sup> May 1876 |
| To 68-"            | Variegated stone                                               | 14-"                      |                                                    |
|                    | White clay                                                     | 1-"                       |                                                    |
| From 83-"          | Variegated sand stone                                          | 8-"                       | 15 <sup>th</sup> May 1876                          |
| From 91-"          | Dark clay                                                      | 17-"                      | From 16 <sup>th</sup> to 20 <sup>th</sup> May 1876 |
| To 108-"           | Mineral charcoal                                               | 2-"                       |                                                    |
|                    | Dark clay                                                      | 5-"                       |                                                    |
| From 115-"         | Mineral charcoal                                               | 2-"                       | 22 <sup>nd</sup> May 1876                          |
| To 117-"           | Cleaning & Bore hole                                           |                           | From 23 <sup>rd</sup> to 26 <sup>th</sup> May 1876 |

From 117-  
 119- Shale  
 135- Dark Clay  
 137- Carbonaceous Clay  
 2-  
 16-  
 2-  
 } From 27 to 30 May 1876  
 4/26

From 137-  
 138- Dark Clay  
 142- White sand stone  
 1-  
 5-  
 } 31<sup>st</sup> May 1876

District Engineer's Office Godavari  
 Dowlaishweram June 1876  
 J. M. W. Campbell Lieut. R.E.  
 Executive Engineer in charge Godavari Dist.

Report of progress in Borehole No. 15 (Commenced)  
 during the month of May 1876.

Depth from surface. Nature of soil. Thickness Date of beginning to bore of each stratum through each stratum.

Abandoned No. 11 Bore Hole & taken out pipes & removed them to No. 15. 1<sup>st</sup> 2<sup>nd</sup> & 3<sup>rd</sup> May 1876

To 13-8 Brown soil 1-8 } 4<sup>th</sup> and 5<sup>th</sup> May 1876  
 Light Brown sand stone 12-

From 13-8  
 To 22-8 Light white sand stone 9- 6<sup>th</sup> May 1876

From 22-8  
 To 60-8 White sand stone 38- From 8<sup>th</sup> to 13<sup>th</sup> May 1876

From 60-8  
 To 66-2 Coarse white sand stone 5-6 15<sup>th</sup> May 1876

From 66-2  
 To 77-6 Fine white sand stone 11-4 16<sup>th</sup> & 17<sup>th</sup> May 1876

Abandoned owing to the jamming in of a Pump.

J. M. W. Campbell Lieut. R.E.  
 Executive Engineer in charge Godavari Dist.

W 1521/26.

Report of progress in Borehole No 15 A  
commenced on the 18<sup>th</sup> May 1876

| Depth<br>from<br>surface. | Nature of soil-         | Thickness<br>of each<br>stratum. | Date of beginning to<br>bore through each<br>stratum. |
|---------------------------|-------------------------|----------------------------------|-------------------------------------------------------|
| 17-4                      | Light Brown soil        | 1-4                              | 18 <sup>th</sup> and 19 <sup>th</sup> May 1876        |
|                           | Light Brown sand stone. | 16-4                             |                                                       |

stopped for the season.

J. M. W. Campbell Lieut R.E.  
Executive Engineer in charge Govt D.

M 4531  
6/26

779

District Engineer's Office  
Madras 19<sup>th</sup> May 1876

The Executive Engineer  
Godavari District

To Secretary, Government  
Public Works Department  
Madras

With reference to your letter  
dated 12<sup>th</sup> May 1876, I have the  
honour to forward herewith Reports of the  
progress made in Godavari Nos 11, 12,  
13, 14, 15 and 16. I am, Sir,  
at May 1876.

I have the honour to be  
Sir

Yours Most Obedt Servt  
J. W. Campbell Esq.  
Executive Engineer in Charge  
Godavari District

88 12-5-76 to 1199  
805-6-76 - 1390

2. W. 1896 Sept.

No. 4531

From  
The Executive Engineer  
in charge of the  
Government of India  
The Secretary to  
the Government of India  
Dated 19<sup>th</sup> June 1876  
Received at 10<sup>th</sup> 779  
S. 6<sup>th</sup> 779  
Derection. Report  
of progress made in  
during May 1876 - 1877

1687 30 July 1876  
Recorded in continuation  
of fo. no 1370 dated the 5<sup>th</sup>  
June 1876

Bel

45-46

Recd. 22.6.76 Ptel 5.7.76  
Depd 6.7.76

D. S. Jodavay  
W. S. Jodavay  
Sub. Dept.  
Can Eng. for R. S. Jodavay  
Dated 22.6.76

453/CM.

Gobi. of Madras.  
PUBLIC WORKS.

To

Mrs. H. C. Godavery

5/7/70

Dist.

L. N. 2

Recd.

G. O. 5<sup>th</sup> July 1870, No 1687

No. 45-46.

Coal-boring Operations  
at Beddadanale

Godavery St. - Report

of progress made  
during May 1870 -

Verde -

for P. M. P. P.  
21-7-70