

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1390	(W)	Press
B.P. No.			Mis.
Dated	5-6-	1876	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th June 1876.*

No. 67. Read the following letter from Major J. BEATTY, R.E., District Engineer, Godavery, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Dowlaishweram, 11th May 1876, No. 374 :—

In continuation of my letter No. 196, of the 21st ultimo, I have the honor to forward herewith three reports of the progress made in boreholes Nos. 11, 12 and 13 during the month of April 1876.

Report of Progress in Borehole No. 11.

Depth from Surface.	Nature of Soil.	Thickness of each Stratum.	Date of beginning to bore through each Stratum.
287 6	Brought over from last report	...	Up to 31st March 1876.
From 287 6 To 322 6	{ White sandstone	35 0	1st to 12th April 1876.
From 322 6 To 339 6	{ Soft sandstone	17 0	13th to 19th April 1876.
From 339 6 To 351 0	{ White sandstone	11 6	19th to 24th April 1876.
From 351 0 To { 351 4 353 0	Quartz White sandstone	0 4 1 8	{ 25th April 1876.
From 353 0 To { 353 5 354 1	Iron pyrites Dark clay with mineral charcoal	0 5 0 8	{ 26th to 27th April 1876.
From 354 1 To { 356 1 356 7	Dark clay Argillaceous sandstone	2 0 0 6	{ 28th to 29th April 1876.

Report of Progress in Borehole No. 12.

227 5	Brought over from last report	...	Up to 31st March 1876.
From 227 5 To { 233 5 234 2 235 6	White sandstone Carbonaceous clay Mineral charcoal	6 0 0 9 1 4	{ 1st to 3rd April 1876.
From 235 6 To 237 6	{ Argillaceous clay	2 0	4th April 1876.

*Proceedings of the Madras Government, Public Works Department,
5th June 1876.*

Report of Progress in Borehole No. 12.—(Concluded.)

Depth from Surface.	Nature of Soil.	Thickness of each Stratum.	Date of beginning to bore through each Stratum.
From 237 6 To { 238 0 261 8	Light dark clay White sandstone	0 6 23 8	} 5th to 13th April 1876.
From 261 8 To 262 0	Iron pyrites	0 4	
From 262 0 To 282 6	White sandstone	20 6	15th to 25th April 1876.
From 282 6 To 295 4	Coarse white sandstone	12 10	26th to 29th April 1876.

Report of Progress in Borehole No. 13, (commenced on the 10th April 1876.)

To { 11 0 14 0	Surface soil, brown Variegated soil with kunker Light yellow clay	10 0 1 0 3 0	} 10th April 1876.
From 14 0 To { 17 0 31 0 33 0	Variegated sandstone Brown sandstone Iron clay	3 0 14 0 2 0	
From 33 0 To { 34 0 38 0 42 0 42 6	Brown sandstone Variegated sandstone Buff clay Variegated clay	1 0 4 0 4 0 0 6	} 14th April 1876.
From 42 6 To { 46 6 48 6 58 6 61 10	Red clay Variegated clay Red clay Variegated clay	4 0 2 0 10 0 3 4	
From 61 10 To 67 10	Buff clay	6 0	18th April 1876.
From 67 10 To { 69 10 73 10 75 0	White clay Variegated clay Buff clay, yellow	2 0 4 0 2 0	} 19th April 1876.

*Proceedings of the Madras Government, Public Works Department,
5th June 1876.*

Report of Progress in Borehole No. 13, (commenced on the 10th April 1876).—(Concluded.)

Depth from Surface.	Nature of Soil.	Thickness of each Stratum.	Date of beginning to bore through each Stratum.
From 75 10 To { 78 10 81 0	Yellow clay Variegated clay	3 0 2 2	} 20th April 1876.
From 81 0 To 85 0	Red clay	4 0	
From 85 0 To 89 0	Variegated clay	4 0	22nd to 23rd April 1876.
From 89 0 To 112 6	Light dark clay	23 6	24th to 29th April 1876.

DOWLAISHWERAM,
11th May 1876.

(Signed) J. BEATTY, Major, R.E.,
District Engineer, Godavery.

No. 68. ORDER THEREON, 5th June 1876, No. 1,390.

CIVIL WORKS, No. 8.

RECORDED that No. 11 borehole was deepened from 287-6 to 356-7 or 69 feet. Borehole No. 12 from 227-5 to 295-4 or 68 feet. While a new borehole No. 13 was sunk 112-6 without result as regards coal.

2. The nomenclature adopted to describe the various strata pierced is not understood in all cases. The following should be more specifically defined:—"iron clay," "red clay," "buff clay," or referred to some recognized geological nomenclature.

3. Adverting to paragraph 3 of G.O., No. 1,199, dated 12th May 1876, care should be taken that a sufficient quantity of coal and iron ore is obtained for experimental purposes.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

To the District Engineer, Godavery.
To Mr. King.
To the Public Department.

Exd. E. C. Shunker.
Spare Copies.

Report of Progress in Borehole No. 11.

Depth from surface -	Nature of Soil -	Thickness of each stratum -	Date of beginning to bore through each stratum -
7 1/2 287-6	Brought over from last Report	"	Upto 31 st March 1876
From 287-6 To 322-6	White sand stone	35-	1 st to 12 th April 1876
From 322-6 To 339-6	Soft sand stone	17-	13 th to 19 th April 1876
From 339-6 To 351-6	White sand stone	11-6	19 th to 24 th April 1876
From 351-6 To { 351-4 353-6	Quartz White sand stone	"-4 1-8	25 th April 1876
From 353-6 To { 353-5 354-1	Iron Pyrites Dark clay with mine- ral charcoal	"-5 "-8	26 th to 27 th April 1876
From 354-1 To { 356-1 356-7	Dark clay Argillaceous sand stone	2-" "-6	28 th to 29 th April 1876

District Engineer's Office Coorg
11th May 1876

L. Peatty Major R.E.
District Engineer Coorgery St.

Report of Progress in Borehole No. 12.

3

Depth from surface.	Nature of soil.	Thickness of each stratum.	Date of beginning to bore through each stratum.
227-5	Brought over from last report	"	Upto 31 st March 1876
From 227-5 To { 233-5 234-2 235-6	White sand stone Carbonaceous clay Mineral charcoal	6 - " " - 9 1 - 4	1 st to 3 rd April 1876
From 235-6 To 237-6	Argillaceous clay	2 - "	
From 237-6 To { 238-" 261-8	Light dark clay White sand stone	" - 6 23 - 8	5 th to 13 th April 1876
From 261-8 To 262-"	Iron pyrites	" - 4	
From 262-" To 282-6	White sand stone	20 - 6	15 th to 25 th April 1876
From 282-6 To 295-4	Coarse white sand stone	12 - 10	26 th to 29 th April 1876

District Engineer's Office Co. }
11 May 1876.

L. Deatty. Major R. }
District Engineer Godavery

P. No. 3487/76
3

Borehole No. 11
in progress.

P. N. 3587/76
2

Borehole No 13
in progress

Report of Progress in Borehole No 13 (Commenced on the 10th April 1876)

Depth from surface.	Value of soil.	Thickness of each stratum.	Date of beginning to bore through each stratum.
To { 11 - "	Lucase soil Brown —	10 - "	10 th April 1876.
14 - "	Variegated soil with humus	1 - "	
	Light Yellow clay —	3 - "	
From 14 - "	Variegated sand stone —	3 - "	11 th to 13 th April 1876
To { 17 - "	Brown sand stone —	14 - "	
31 - "	Iron clay —	2 - "	
33 - "			
From 33 - "	Brown sand stone —	1 - "	14 th April 1876
To { 34 - "	Variegated sand stone —	4 - "	
38 - "	Buff clay —	4 - "	
42 - 6	Variegated clay —	" - 6	
From 42 - 6	Red clay —	4 - "	15 th to 17 th April 1876
To { 46 - 6	Variegated clay —	2 - "	
48 - 6	Red clay —	10 - "	
58 - 6	Variegated clay —	3 - 4	
61 - 10			
From 61 - 10	Buff clay —	6 - "	18 th April 1876
To 67 - 10			
From 67 - 10	White clay —	2 - "	19 th April 1876
To { 69 - 10	Variegated clay —	4 - "	
73 - 10	Buff clay yellow —	2 - "	
75 - "			
From 75 - 10	Yellow clay —	3 - "	20 th April 1876
To { 78 - 10	Variegated clay —	2 - 2	
81 - "			
From 81 - "	Red clay —	4 - "	21 st April 1876
To 85 - "			
From 85 - "	Variegated clay —	4 - "	22 nd to 23 rd April 1876
To 89 - "			
From 89 - "	Light dark clay —	23 - 6	24 th to 29 th April 1876.
To 112 - 6			

District Engineer's Office,
Dowlatabad.
11th May 1876

L. Beatty. Major R.E.
District Engineer Godavery

No. 374

Sept 21-80

From.

Major J. Beatty R.E.

District Engineer
Godavery District

To.

Major General G. W. Walker R.E.

Secretary to Government D. P. W.

MADRAS

SIR,

In continuation of my letter No. 196 of the 21st Ultimo, I have the honor to forward herewith 3 Reports of the progress made in Boreholes Nos. 11, 12, & 13 during the month of April 1876.

I have the honor to be,

Sir,

Your Most obedient Servant
J. Beatty Major R.E.
District Engineer Godavery.

P. N. 3587/76

Borehole No. 13
in progress

Copy
sent

5012 May/76 No 1199

P. W. 1876 Department

3587

Beddadenale Coal
Boring at Stowards
report of progress made
in during April 1876.

Subject.

NO. 374
Encl. 3 sheets

Dated 11th May 1876.
Received 18th May 1876.

The Secretary to Government
Department Public Works
MADRAS.

To

The District Engineer,
Godavery District.

From

1876 77

Recorded that Still Bore-
hole was deepened from
287.6 to 356.7 or 69 feet -
Borehole No 12 from 227.5
to 295.4 or 68 feet - While
a new Borehole No 13 was
sunk 112.6 without result
as regards coal -

1876

D. E. Godavery
W. P. King
Public Dept.

Decl. 2/5/76 Date 5/6/76
C. 26/7/76 and 2/8/76
Dep. to 25-4-26-76

No 1390

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 5th June 1876

Read the following:-

From

The Dist. Eng. Godavery (H.C. No 374 d/11th May 1876)

B/C 4/6

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Borehole was deepened
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or referred to some recognized
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3. Adverting to para
3 of G.O. No 1199 dated 12th
May 1876 care should be
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quantity of coal and iron
ore is obtained for experi-
mental purposes.

Dist. Eng. Gadavay ✓
Mr. King ✓
Public Dept. ✓
Desd 20/6/76

3587/A

Gobt. of 1870 Madras.

PUBLIC WORKS.

To

The M. C. Godavery

Dated

Issued

Recd

For

G. O. 5th June 1890 No. 1390

Recd. 5/7/90

Coal-boring operations
at Beddadanole -
Godavery &c Report

of progress made
during April 1876
~~with~~ records & with
certain remarks.

For in Reg
21-6-96

1/1/90