

(1) Number of pages 12(2) Date of repair 2/2/44

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.**Government of Madras.***Public Works* **DEPARTMENT.**

G.O. No. <u>682</u>	Press ~~Mis~~
<u>43-44</u>	
Dated <u>3</u> - <u>3</u> - <u>1870</u>	

Not to be folded or roughly handled*23/2/44*

*Proceedings of the Madras Government, Public Works Department,
3rd March 1870.*

No. 43. Read the following endorsement of the Officiating Superintending Engineer, 8th Division, dated Madura, 16th February 1870, No. 2,717.

Read the following :—

*Memorandum on Work executed in connection with the Perryaur Project up to
31st January 1870.*

THE surveys of the ground between the present Perryaur Camp and the Nellecumputty stream have made good progress.

2. The examination of the ground in the neighbourhood of the dam site has been carried on as far as the limited amount of money available for the work would allow.

3. Several streams which appear likely to be useful for the silting process have been gauged.

4. The surveys for the distribution channels in the Madura District have made good progress under the direction of Lieutenant Coaker.

* Rainfall, 1.52 inches.
Depth run off, 1.64 inches.
Discharge of river, 35 million cubic yards.

5. A table of rainfall and discharge of river is enclosed; the rainfall is somewhat less, the discharge considerably greater, than Captain Ryves' estimate.*

PEREACOLUM,
8th February 1870.

(Signed)

J. PENNYCUICK, Lieut., R. E.,
Executive Engineer on Special Duty.

One diagram.
,, table of rainfall, etc.

FORWARDED to the Acting Chief Engineer for Irrigation.

(Signed)

H. L. PRENDERGAST, Captain, R. E.,
Offg. Supg. Engineer, 8th Division.

No. 44.

ORDER THEREON, 3rd March 1870, No. 682.

IRRIGATION, No. 2.

ORDERED to be recorded.

True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

Exd. A. S. Rodgers.

16 February 1870

18th February 1870

Perion

Table of rainfall and discharge of river during January 1870

Date	Rainfall			Discharge		Date	Rainfall			Discharge	
	Chunaw mullayin Perion inches	Water Level feet	Cubic feet per second	1000 cu yards per day			Chunaw mullayin Perion inches	Water Level feet	Cubic feet per second	1000 cu yards per day	
1	0.31	0.70	518	1,657			0.50	0.42	-	-	26,654
2	0.11	2.03	1160	3,712	17		0.05	0.05	339	1,085	
3	0.00	6am 2.65 6pm 1.71	1541 957	3,997	18		0.00	0.00	0.75	536	1,715
4	0.00	1.15	690	2,208	19		0.00	0.08	345	1,104	
5	0.50	0.00	0.60	483	1,546	20	0.13	0.05	0.05	339	1,085
6	0.00	0.45	435	1,392	21		0.10	0.48	444	1,421	
7	0.00	0.35	408	1,306	22		0.17	6am 3.88 noon 2.22 6pm 2.80	2,348 1,865 1,514	6,126	
8	0.00	0.50	451	1,443	23		0.00	6am 3.55 noon 2.50 6pm 2.11	2,083 1,461 1,214	5,125	
9	0.00	0.35	408	1,306	24		0.20	6am 1.83 6pm 1.75	1,030 536	2,506	
10	0.00	0.25	384	1,229	25		0.02	0.50	451	1,443	
11	0.00	0.25	384	1,229	26		0.03	0.60	483	1,546	
12	0.00	0.15	361	1,155	27		0.00	0.75	536	1,715	
13	0.00	0.15	361	1,155	28		0.00	0.30	396	1,267	
14	0.00	0.10	349	1,117	29		0.00	0.15	361	1,155	
15	0.00	0.10	349	1,117	30		0.00	0.01	0.12	354	1,133
16	0.00	0.05	339	1,085	31		0.00	0.08	345	1,104	
0.50 0.42			-	-	26,654	Total	0.83	0.85	-	-	56,184

Depth run off from drainage

area of 250 square miles 2.61 inches

Mean discharge { 1,812,000 Cubic yards per day
75,500 per hour
566 feet per second

Peracolum 2
8th February 1870 3

(True Copy)

(signed) J. Perryerick Esq. M.A.
Esq. Engineer on Special duty
Ans. Smithy Capt. M.A.
Offg. Superintending Engineer 8th Feb

Maddera 2
16th February 70 3

Memorandum
on work executed in connection with the Periar
Project, up to 31st January 1870.

1. The surveys of the ground between the present Periar Camp and the Killecumputty stream have made good progress.
2. The examination of the ground in the neighbourhood of the dam site has been carried on as far as the limited amount of money available for the work would allow.
3. Several streams which appear likely to be useful for the silting process have been gauged.
4. The surveys for the distribution channels in the Madurra District have made a good progress under the direction of Lieut. Coaker.
5. A table of rain-fall and discharge of river is enclosed, the rain fall is somewhat less, the discharge considerably greater

Enclosure 1

29.1.1870

From J. O. M. Esq. Esq.

To J. O. M. Esq. Esq.
for signature
Madras

29.1.1870

Madras 29.1.1870

Table of Rain-fall and

discharge of river during
January 1870

greater, than Captain Pynes estimate.

Rain fall 1.52 inches
Sept. 1st to 1. 64 -
Discharge of river 35
millions Cubic yds

P. Macolam

8th February

1878

(Signed) J. P. Pymcrick Lt. R.E.

Executive Engineer

on Special duty

No. 2717 (True Copy)

Encls 2

1 Diagram

1 Table of

rain fall &c.

Forwarded to the Chf. Chief Engineer
for Irrigation.

Madras
16th February
1878

Wm. Simington Captain R.E.

Offg. Supp. Engineer 8th Dec

ppr. 1070 2/14

of 11/15

The City of San Francisco
18th Nov 1890

To the City Engineer
for San Francisco
California

B. 2

Dated 16th Nov 1890
Received 17th Nov 1890

No 682-3 March 1890

Forwarded City of San Francisco

San Francisco

works succeeded in some

town with the San Francisco

up to 31st January 1890.

1882

San Francisco

San Francisco

Rec 715
Govt. of 1870: W. I. was

PUBLIC WORKS.

To

Dated

Recd.

Ex. A.

G. O. 3^d March 1870. No. 682.

No. 43-44

Perryans Project Enclosed
this day copy of the 8th Dec sub-
mitting a memo, showing the
work executed in connection
with the Perryans Project in
the Madras Co., up to 31st Dec-
ember 1870 - Enclosed