

- (1) பக்கங்களின் எண்ணிக்கை 8
 (2) புதுக்கித் திருப்பிய நாள் 2/90
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் *10/90*

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D துறை

88

அரசாணை எண். மு. கோப்புத் தாள் எண்.	400	அச்சகம் பலவகை
நாள் :	13-2-1891	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

4 Shahr

ஆவண. கா-1-18,006-15-6-87.

செப

400

KIDDERPORE DOCK WORKS.

Progress Report for the quarter ending 31st December 1890.

In consequence of some movement in the dock walls, water had to be admitted to dock No. 1, which of course put an end to all further excavation in it.

At the close of the quarter the following was the state of the dock works:—

Sixty-foot lock—Practically completed.

Eighty-foot entrance—Practically completed.

Tidal basin.—The walls completed with exception of coping and joining: the last portions done with the adjoining work. The excavation to the level of 6'00 is drawing to a close.

Double entrance to dock No. 1—Finished.

Graving docks.—Masonry completed for both graving docks: the caissons are being erected: also the pumping engines.

Dock No. 1.—The walls are completed, with the exception of the additional work rendered necessary by the slips.

Boat canal.—Lift lock finished: Chetla lock four-fifths done: main pumping station practically completed.

Subsidiary works.—The hydraulic engine-house is completed, and the jetty heads are about three-fourths done.

J. H. APJOHN,
Engineer, Port Trust.

The 7th January 1891.

Health Return compiled from the monthly report of the Medical Officer for the months of October, November, and December 1890.

MONTH.	Daily average number of workmen.	DAILY AVERAGE NUMBER OF CASES UNDER MEDICAL TREATMENT.			DEATHS.						Mortality per 1,000 of population per annum.	
		Cholera.	Other diseases	Total.	In hospital.			Out of hospital.				Total deaths.
					Cholera.	Other diseases	Total.	Cholera.	Other diseases	Total.		
1890.												
October	4,487		90	90		4	4		2	2	6	16'04
November	4,626	0'5	89	89'5	2	3	5	1		1	6	15'56
December	4,657	1'5	61	62'5	3	6	9	8	4	12	21	54'11
Average total divided by three months	4,590	0'6	80	80'6	1'7	4'3	6	3	2	5	11	28'57

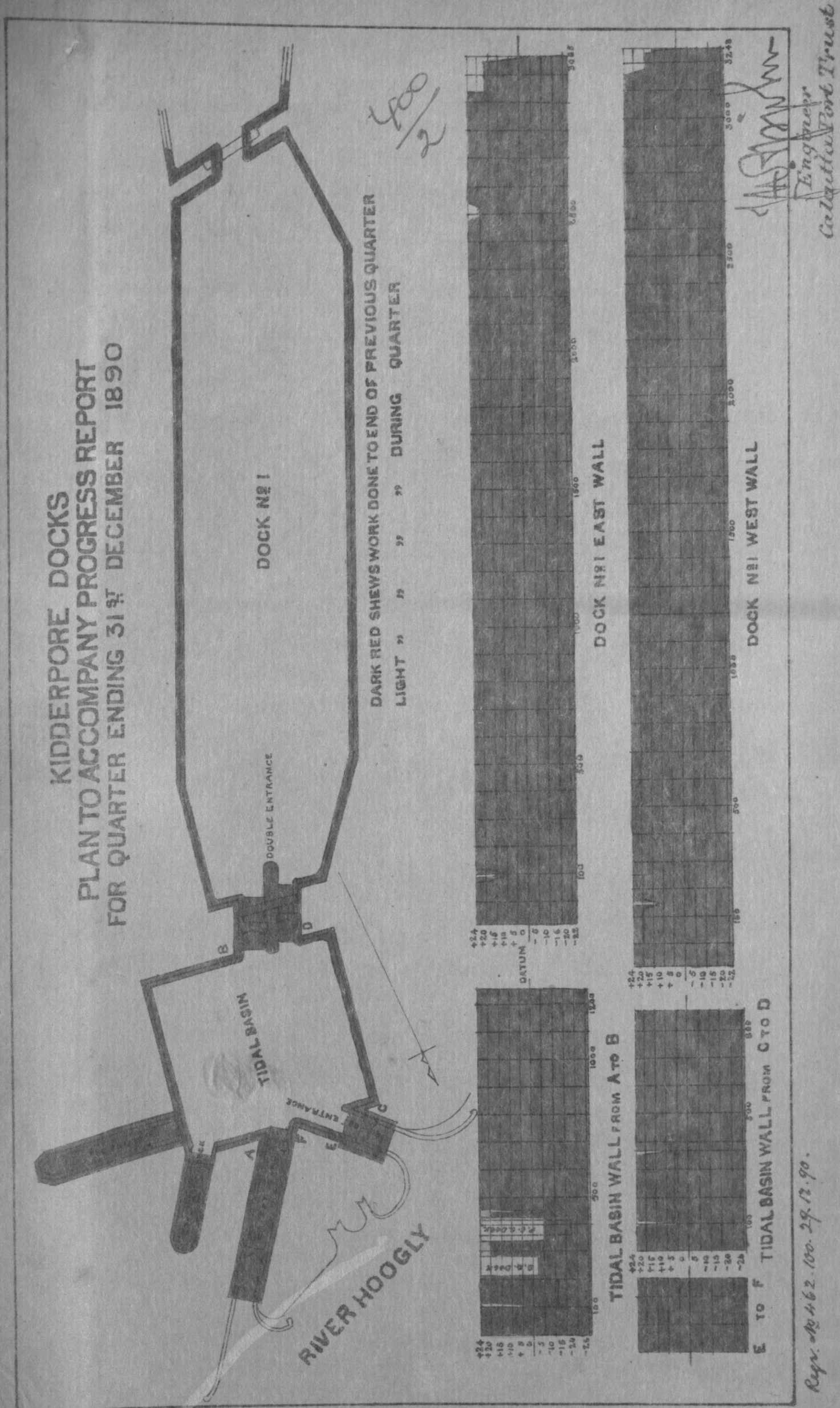
MOHENDRO NATH BISWAS, O'C. RAYE, M.D., J. H. APJOHN,
Medical Officer. Surgeon. Engineer, Port Trust.

Statement detailing the expenditure incurred on the dock works to the end of December 1890.

PARTICULARS.	Amount.	Total.	REMARKS.
	Rs. A. P.	Rs. A. P.	
Works	1,81,42,585 6 0		
Land	25,58,549 0 9		
Total		2,07,01,134 6 9	

J. H. APJOHN,
Engineer, Port Trust.

The 5th January 1891.



400
3

QUARTERLY INSPECTION OF KIDDERPORE DOCK WORKS.

Dated the 30th January 1891.

From--MAJOR A. D. McARTHUR, R.E., and W. CONNAN, Esq.,

To--The Secretary to the Government of Bengal, Public Works Department.

In accordance with the Government order communicated with the Under-Secretary's letter No. 145M., of the 12th instant, we have the honour to report that the 15th Quarterly Inspection of the Kidderpore Dock Works was made on the 23rd instant.

The usual tabular statement and the index plan showing the work done during the quarter ending 31st December 1890 and the total amount of work executed from the commencement which has been prepared by the Superintendent of the Dock Works are already with Government. The present state of the various works under construction is reported in the following paragraphs:—

Sixty-foot Lock.—This work is practically completed, 13.7 per cent. of excavation and 1.9 per cent. of masonry only remaining to be done.

Eighty-foot entrance.—This is also practically completed, and only 21.0 per cent. of excavation still remains to be executed.

Double entrance to Dock No. I.—This work is finished and no remarks are called for. Swing bridge is now open to traffic.

Tidal Basin.—The quay walls are completed with the exception of coping and joining on the last portions done with the adjoining work. The excavation to the level of—6.00 is drawing to a close.

Graving Docks.—Masonry works completed for both graving docks and the caissons and pumping engines are being erected.

Dock No. I.—The quay walls are completed with the exception of the additional work rendered necessary by the slips reported on the last occasion.

Boat Canal.—As reported in the last quarter the lift lock is finished and the main pumping station is practically completed. Of the estimated quantity of work 17.6 per cent. of excavation and 4.8 per cent. of masonry still remain to be done. The Chetla lock walls are approaching completion and four-fifths of the work done.

Subsidiary Works.—The hydraulic engine-house is completed. The four jetty heads to the entrances are about three-fourths done and the foundations of the cargo-sheds nearly finished.

Expenditure.—The total expenditure up to the end of the quarter under review is reported to be Rs. 2,07,01,134, of which Rs. 1,81,42,585 represent outlay on works, and Rs. 25,58,549 on account of land.

Sanitary.—The health of the work-people was not so good as during the previous quarter. The daily average number of coolies at work was 4,590, among whom there were 11 deaths, thus showing a death-rate of 28.57 per mille per annum.

General remarks.—We are of opinion that fair progress was made with the work up to the end of the quarter. The quality of work as far as we have been able to judge is satisfactory.

Any further communication should be
addressed to
THE SECRETARY TO THE GOVT. OF BENGAL,
PUBLIC WORKS (MARINE) DEPT.,
CALCUTTA.

And the following number should be quoted:—

355²/₂ MARINE.

GOVERNMENT OF BENGAL,

(MARINE DEPARTMENT),

CALCUTTA.

The 4th February 1890.

To The Secretary to the
Government of Madras,
Public Works Dept.

Sir.

I am directed by the Lieutenant
Governor to forward, for the information
of the Government of Madras the
accompanying copy of the report
(with plan and statement) of the
15th quarterly inspection of the Dock
works at Kidderpore, which are being
carried out by the Commissioners of
the Port of Calcutta.

I have the honor to be
Yours truly
Your most obedient servant—

W. V. Rastie

Under Secretary

Accompanying
Copy of a Report
plan & statement
referred to.

1878 to 1880

E. H. 2-91

E. 3

(4)

1875-1880
with 1880-1881
1881-1882

No. 400 W. 13 Feb 1891

10/

Copies forwarded
to the Chairman M. H. J.
Brown in continuation
of L. O. 42 3210 W. 2 42
Dec 1890.

W. H. B.
12. 2. 91

S. 1002

14/2/91

Ch. M. H. J. B.
with 1880-1881
1881-1882