(1) Number of pages ~~29~~ 22

(2) Date of repair 29-1-88

(3) Initials of the Referencer Owa

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No. / B.P. No.	1999 W	Press. / Mis.
Dated	11-8-1886	~~198~~.

Gzban

Not to be folded or roughly handled.

11th August 1886, No. 1999 W., Public Works.

1/1999

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 30th July 1886, No. 285 E.W. :—

As directed in the latter part of paragraph 12 of General Sankey's inspection notes of 16th February 1883, communicated with endorsement, No. 460 C., of 21st February 1883, I have the honor to forward the sections of the Cruz Milagre dam taken in May 1886, together with a survey of the lagoon as it was in June 1886.

2. As the revetment on the sea-face of the dam is observed to have subsided a little, the Executive Engineer submits an estimate, Rs. 190, for bringing it up again to its full height, which requires special sanction, as the work must be charged to Port Funds.

Order—dated 11th August 1886, No. 1999 W., Public Works.

The estimate, amounting to Rs. 190, for dropping stone along the toe of the existing revetment on the lagoon side of the Cruz Milagre dam near Cochin, is sanctioned.

2. The question of providing an allotment * for the work from Port Funds will be considered in the Financial Department.

3. This sanction has been registered as Excluded Local, No. 13 W. of 1886-87, and classified as Miscellaneous Public Improvements, Original Works.

	RS.
* For Works	190
„ Establishment	44
„ Tools and plant	2
Total ...	236

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
„ Examiner, Public Works Accounts, with the estimate for note and return to Superintending Engineer, IV Circle.
„ Financial Department.
„ Marine

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1886} Madras,

PUBLIC WORKS.

Dated August, 11th.

Recd. *Encl.*

G.O., 11th Aug. 1886, No. 1999 W.

AUGUST.

Cruz Milagre Dam

Estimate of Rs. 190 for dropping stone along the toe of the existing revetment on the lagoon side of the —, near Cochin, sanctioned.

No: 182
Est.

Superintending Engr's office. 4th Circ
Coimbatore. 27th May 1886

From,

3/1999

. K—

Kindly note that original G. O. No. 1997 W of 10-8-86 regarding the site granted for the Victoria Cattle Hospital has been kept at Ooty for W with No. 525 D of 11-8-86— D.L.
18-8-86—

Wanting.

2/1999

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt of

No: 182/Est.

Superintending Engr's office. 4th Circle,
Coimbatore. 27th May 1886

From,

2/1999

The Superintending Engineer,
Fourth Circle.

To,

The Chief Engineer,
P. W. Department.

Sir,

Enclosure 2
1 Survey
1 Cross section

As directed in the latter par of para 12 of General Sankey's Inspection Notes of 16th February 1883, communicated with endorsement No. 460 C of 21st February 1883. I have the honor to forward the section of the Cruz Milagre Dam taken in December 1885.

2. The sections show a slight improvement in the bed of the lagoon which is slowly silting up.

I have the honor to be,
Sir,
Your most obt Servt

E. Beatty - Colonel. R.E.
Superintending Engr. 4th Cir.

G. O. No 857 W 30. 3. 86
B. No 2614 W. 5. 11. 85
G. O. No 2245 W. 28. 9. 83
" " 1623 W. 13. 7. 83
" " 605 W. 13. 3. 83
No 3477 W 4. 12. 83
460 C. 21. 2. 83.
C. No 2075 [illegible] 7-6-86

Recorded

2/6/86

4.6.86

7 - 7.6.86

From

The Supg. Engineer,
Fourth Circle.

Dated 27th } May 1886
Recd. 29th }

No 182
E.W.

Encl. 2

Cruz Milagre Dam

Forwards sections of the — taken in December 1885.

No. 285
E.W.

Supg: Engineer's Office 4th Circle,
Coimbatore 30th July 1886.

From,

The Superintending Engineer,
4th Circle.

To,

The Chief Engineer,
P.W. Department.

Enclosures. 3.
1. Survey
1. Section
1. Estimate

Sir,

As directed in the latter part of para 12 of General Sankey's Inspection Notes of 16th February 1883, communicated with endorsement No 460 C. of 21st February 1883, I have the honor to forward the sections of the Cruz Milagre Dam taken in May 1886, together with a survey of the lagoon as it was in June 1886.

2 As the revetment on the sea face of the Dam is observed to have subsided a little the Executive Engineer submits an estimate Rs 190 for bringing it up again to its full height which requires special

sanction

sanction, as the work must be charged to Port Funds.

I have the honor to be
Sir
Your most obedient Servt

K. Beatty - Colonel R.E.
Superintending Engineer
4th Circle.

5/1899

No 2075C. 7.6.86
L.6.857W. 30.3.86
B.No 2614W. 5.11.85
No 460C. 21.2.83
L.6.2245W 28.9.85
" 1613W. 13.7.85
" 605W. 13.3.85
" 3477W 4.12.83

(6) Mch. 5948

From

The Supg. Engineer
4th Circle

To

The Chief Engineer
P.W. Department.

Dated 30th } July 1886
Received 2/8/86

No. 285
W

Enclosures. 3

Cruz Mileagre
Submits survey
and sections of — with
an estimate of Rs. 19
for sanction.

3/8/86

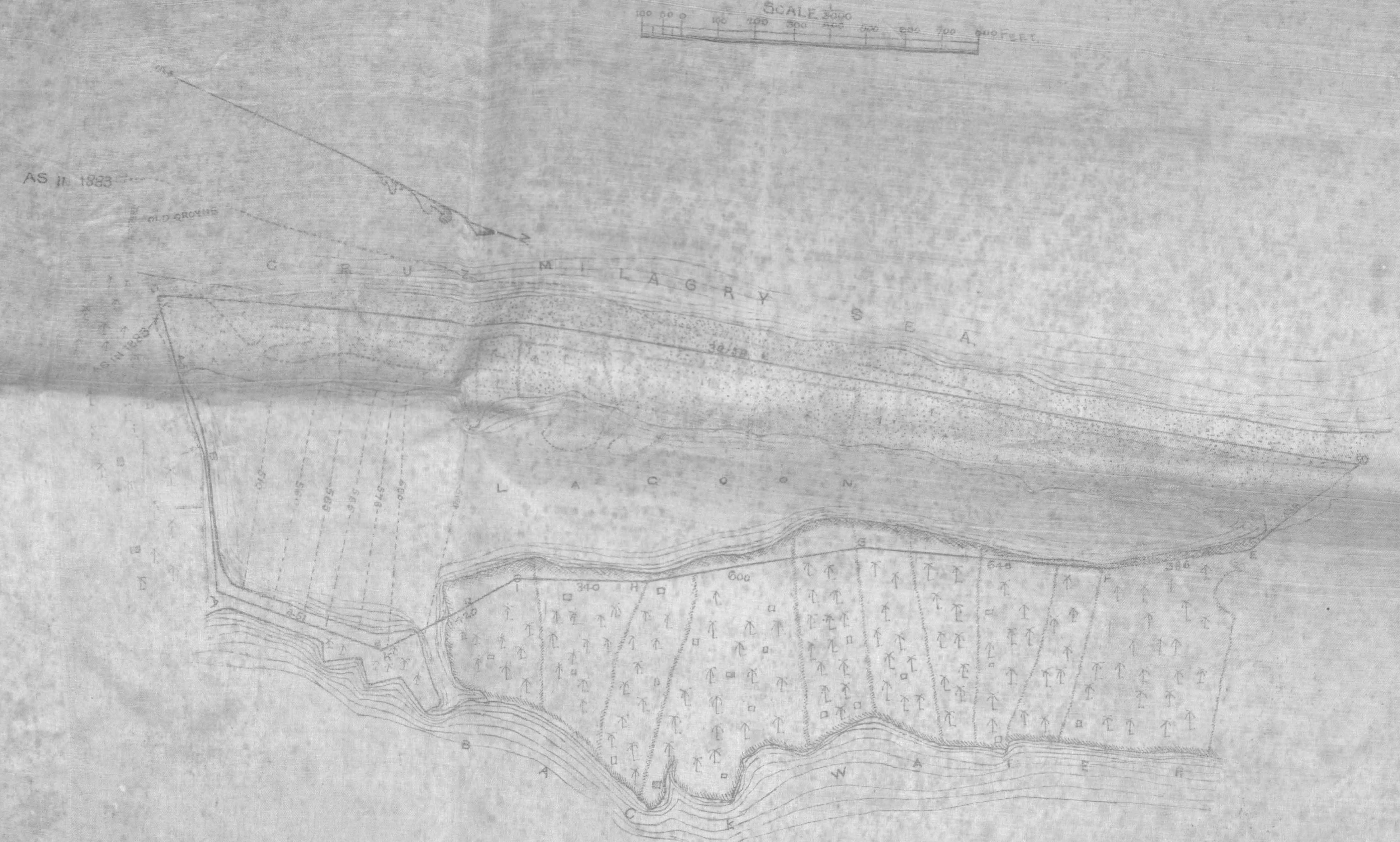
4

SURVEY
OF THE

CRUZ MILAGRE DAM

TAKEN IN JUNE 1886.

SCALE $\frac{1}{2000}$



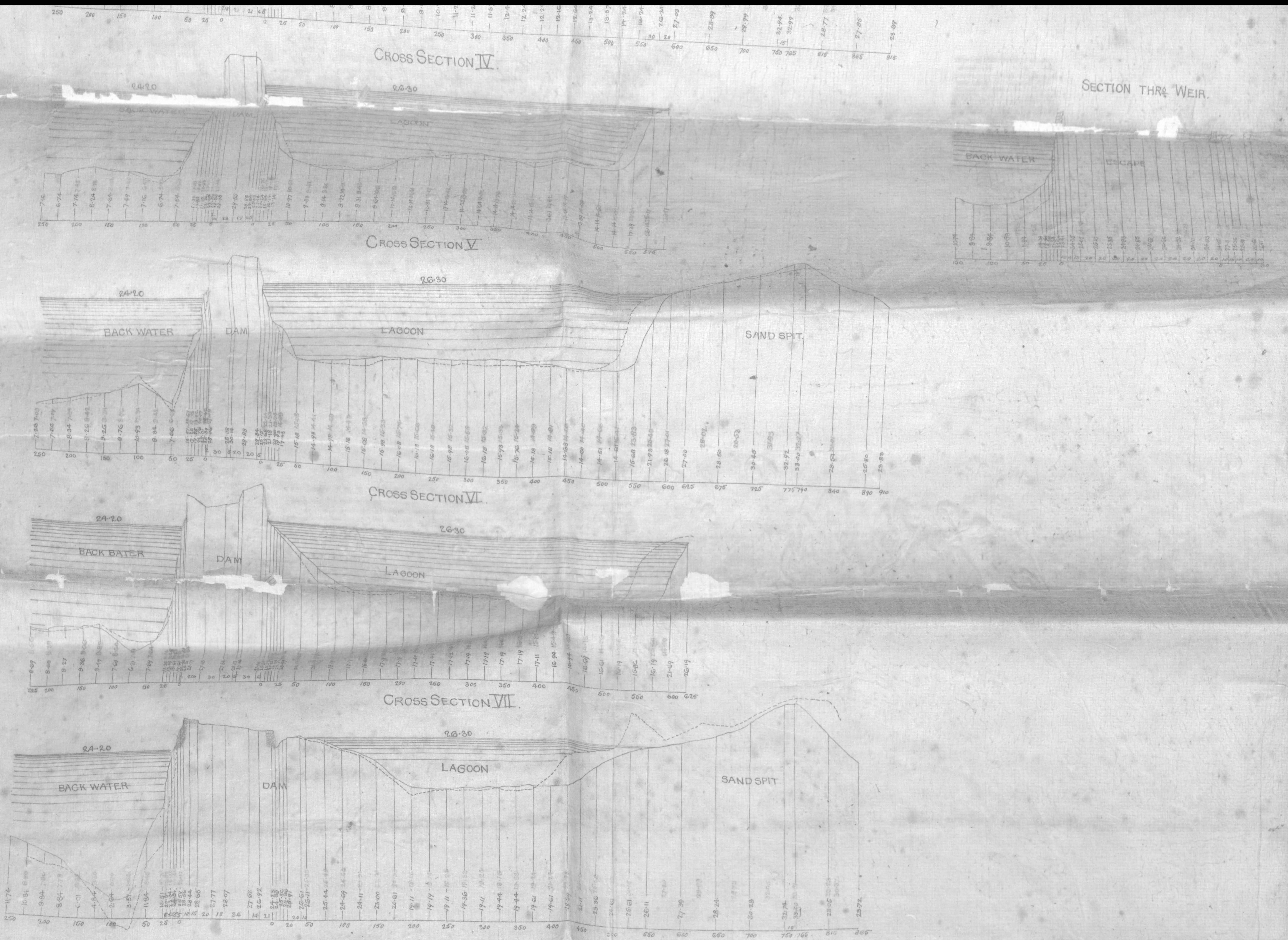
W. COAST DIVISION OFFICE
CALICUT 25 July 1886

Traced by C.R.N.

(SIGNED) L. J. Rungasawmy Iyer
Overseer D.P.W.

(SIGNED) R. Macalister
Sub Division Officer

Executive Engineer



West Coast Division Office } 1885 }

|Signed|

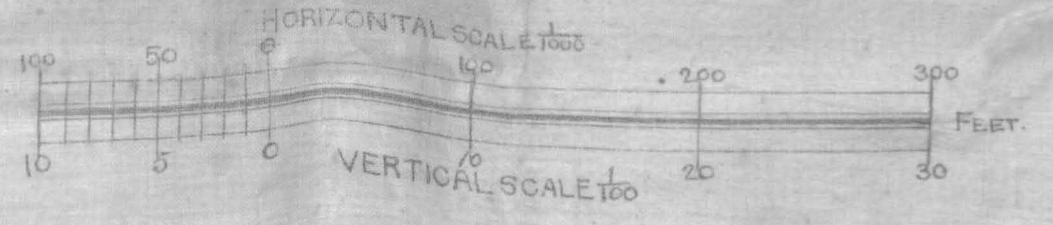
R. Macalister.
Sub Divisional Officer.

11.3.86
Colonel R.E
Executive Engineer

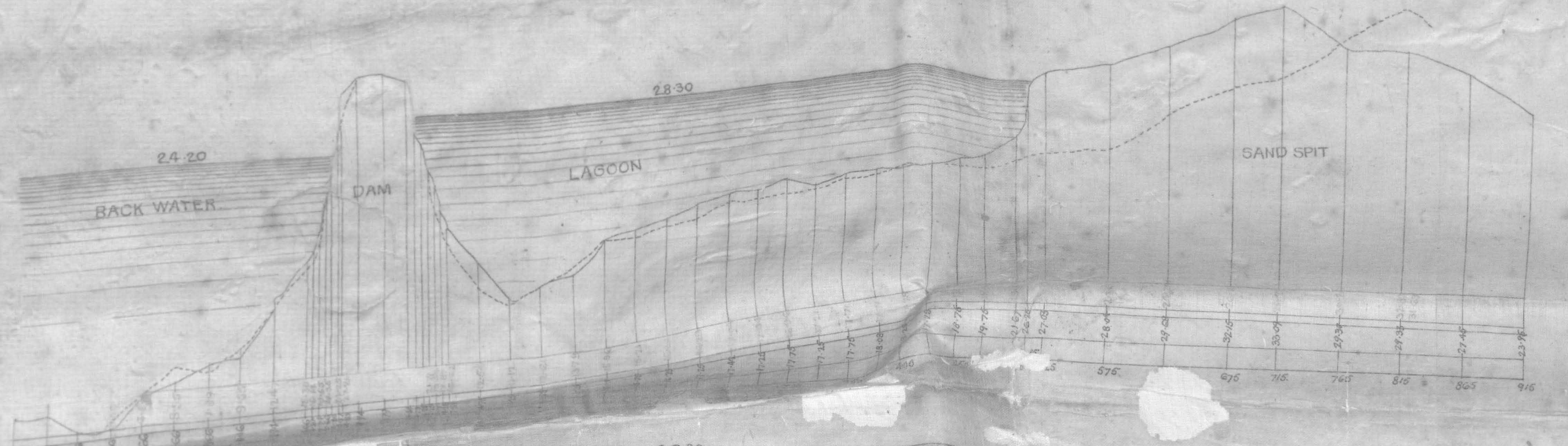
V. G. M.

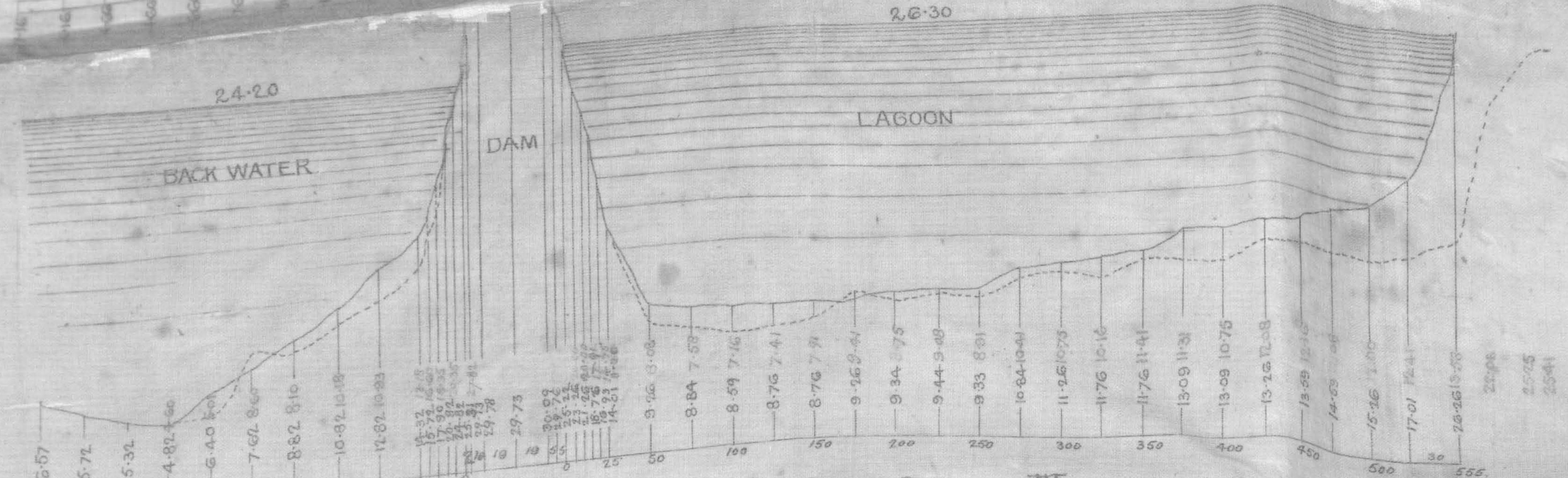
SECTIONS OF CRUZ MILAGRE DAM COCHIN.

TAKEN IN DECEMBER 1885.



CROSS SECTION I.

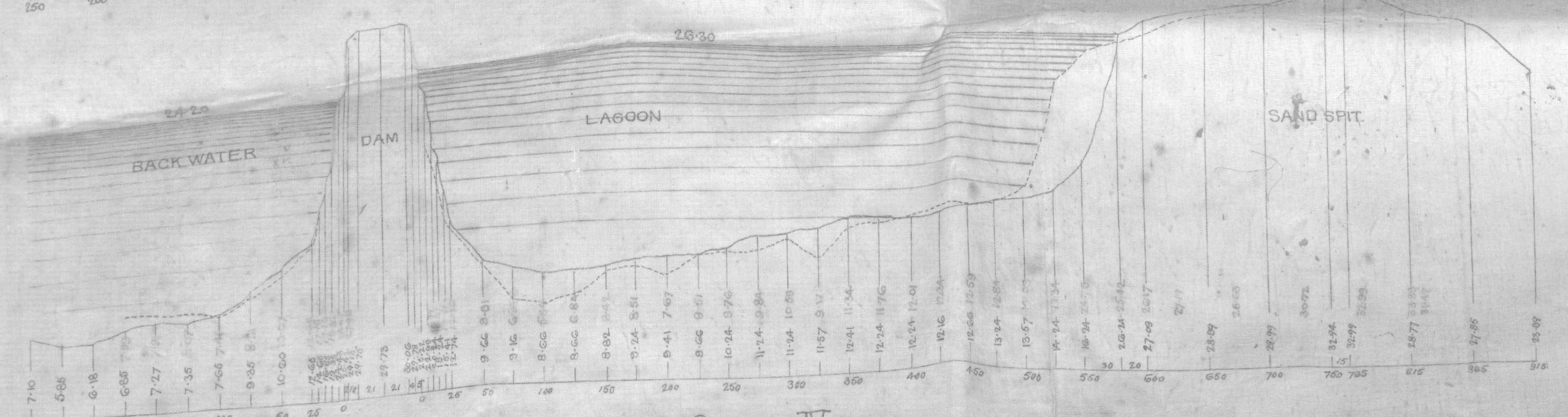




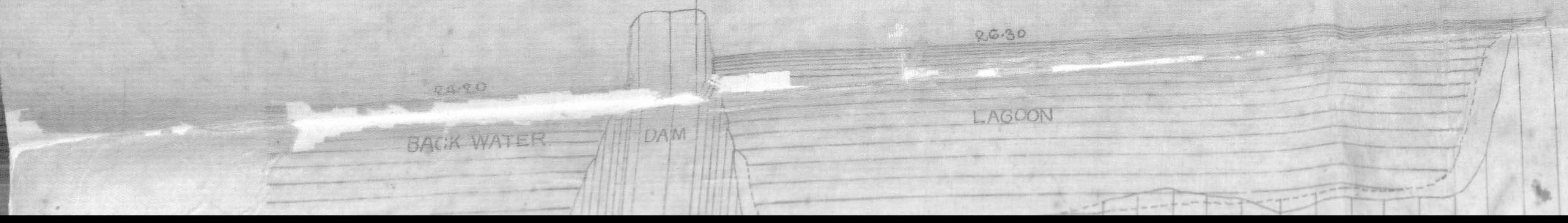
NOTE

DOTED LINES AND RED FIGURES SHEW
LEVELS TAKEN IN MAY 1885.

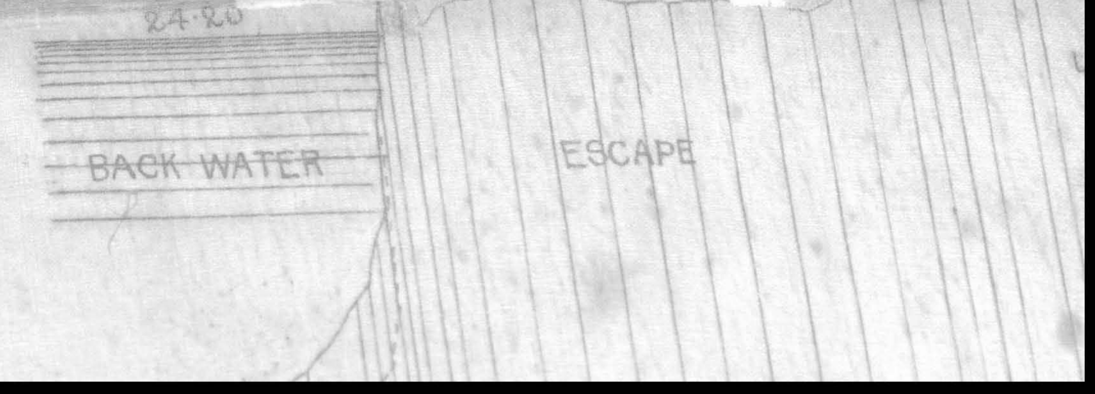
CROSS SECTION III



CROSS SECTION IV.

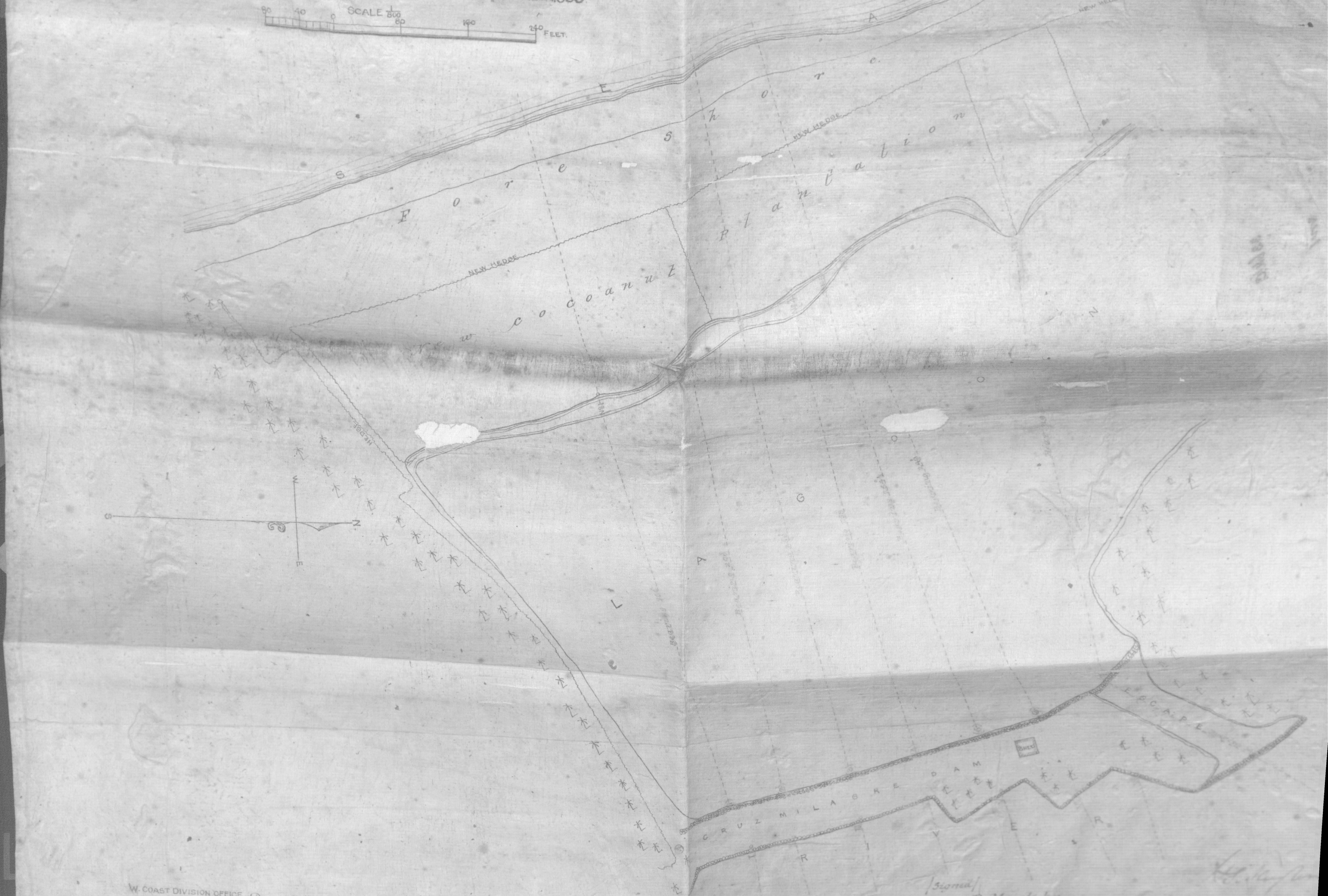


SECTION THRE WEIR.



(WITH LAGOON BEACH &c)

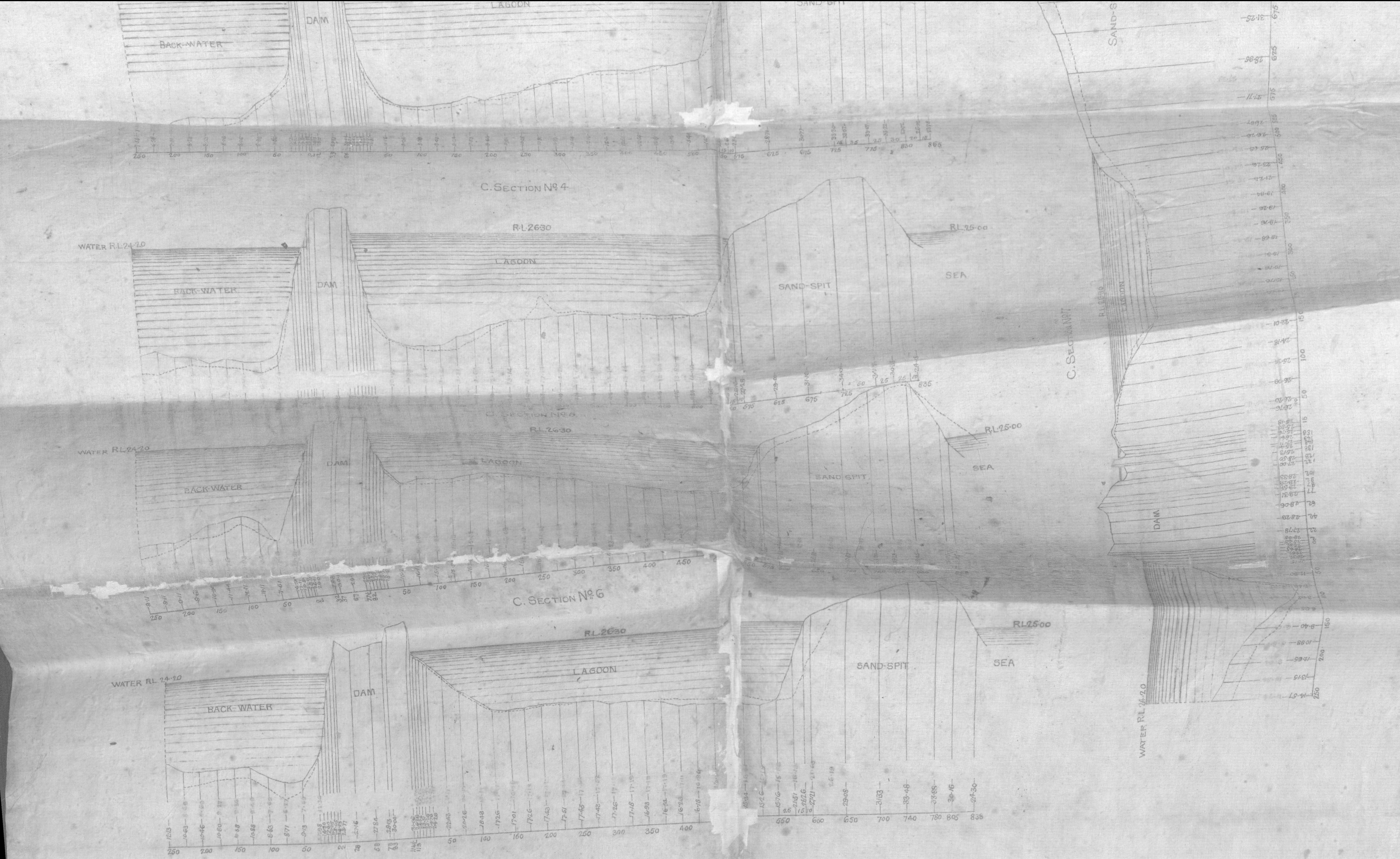
SHOWING POSITIONS OF CROSS SECTIONS TAKEN IN DECEMBER 1885



(Signed)
R. Macalester
Sub Division Officer

EXECUTIVE ENGI

W. COAST DIVISION OFFICE
CALICUT 7th May 1886



|Signed|

L. J. Rungasawmy Iyer
Overseer D.P.W

|Signed|

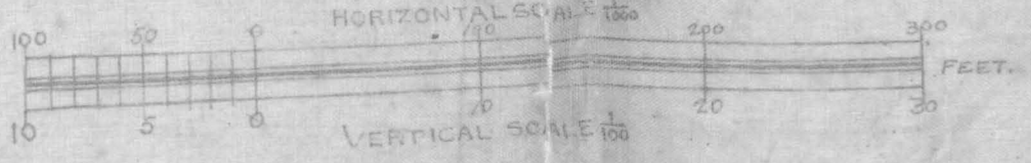
R. Macalister.
Sub Division Officer.

Executive Engineer

West Coast. Division Office }
Calicut 26th July 1886 }

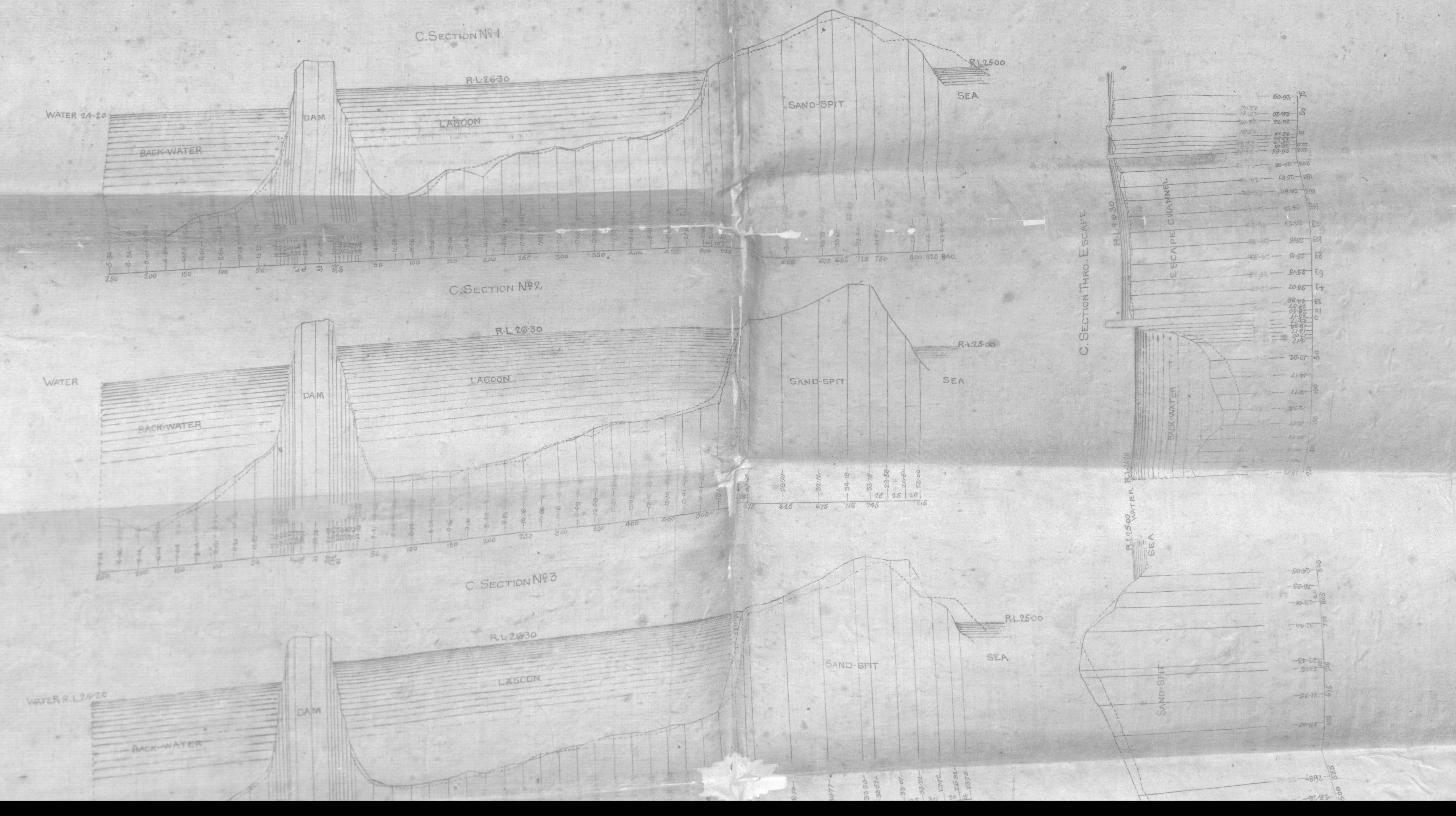
Traced by C.R.N

LEVELS AND SECTIONS
OF THE
CRUZ-MILAGRE DAM COCHIN
TAKEN IN MAY 1886.



NOTE

DATUM LINE 30.00 FEET BELOW B.M. No 1 SOUTH END OF BUND.
DOTTED BED } SHOWS LEVELS TAK JANUARY 1886.
AND RED FIGURES. }


C. SECTION No 1.

C. SECTION No 2.

C. SECTION No 3.

C. SECTION THRO. ESCAPE

B. & R.
Works.

No. 1999 W

PUBLIC WORKS DEPARTMENT.

10/1999

PROCEEDINGS OF THE MADRAS GOVERNMENT

11th August /86.

READ the following

From the Supdg. Engineer IV Circle. H. E. No: 285 E. W. d/ 30th July 1886.

The estimate amounting to Rs. 190, for dropping stone along the toe of the existing revetment on the lagoon side of the Cruz Milagre dam ~~at~~ near Cochin, is sanctioned.

2. The question of providing an allotment[×] for the work from Port funds will be considered in the Financial Department.

3. This sanction has been registered as Excluded Local No. 13 W of 1886-87, and classified as Miscellaneous Public Improvements, Original Works.

4/8/86

× For works	Rs. 190
" Establishment	" 44
" Tools and Plant	2
Total Rs.	236

DC 11/8

To The Supdg. Engr. IV Circle
" Examiner of P. W. Accts with the estimate for note & return to S. E. IV
" Financial Department
" Marine Department

To The Chief Secy for favor of counter-initials.

6.8.86

9/8

5943.

Govt. of 1886 Madras.
PUBLIC WORKS.

12/8/86

Dated

Recd.

Encl.

G.O., 11th August 1886, No. 1999 W.

Cruz Milagre dam

≡

Estimate of Rs 190 for dropping stone along the toe of the Existing revetment on the lagoon side of the — near Cochin

Sanctioned

80/6

Sd 12/8 Exe 12/8.