

Public Works ⁹⁹⁹⁸ (1896) Department.

G.O., No. 33/7 W.

DATED 19th November 1896

[Despatch Abstract.]

Assistant Engineers: Govt of India letter forwarding an extract report shewing the character of the training received by certain — who have been posted to Madras. Recorded with reference to Co. 32094 of 10.4.96.

BACK PAPERS.

FURTHER PAPERS.

Extract from a report from Mr. H. V. S. Baker showing the character of the training which has been received by each of the Asst. Engineers who completed under him their year's course of practical instruction on the 31st August 1896.

Messrs. J. B. Lutman and M. Brown have been trained at the Cardiff Waterworks, near Merthyr Tydfil. These works which are on a large scale, have been constructed in a masterly way, and the care bestowed on the quality of the materials used, and of the workmanship employed could not be surpassed, while the arrangements made to ensure uniform excellence in the materials and economy in their carriage, manipulation, and disposal in the work were worthy of special study. Messrs. Lutman and Brown have been constantly employed in outdoor duties, and have seen a great deal of earthwork, puddling, concrete, masonry, tunnelling, timbering of deep foundations, &c. They have also visited the following works, viz.:— Blackwall Tunnel; Birmingham Waterworks; Lancashire, Derbyshire, and East Coast Railway; Kendal Waterworks; Ackton Hall and South Kirkby Collieries, near Leeds; and railway works under construction by the Caledonian Railway Company in Glasgow.

Mr. C.T.Mullings has been trained at the Kendal Waterworks; under Mr.G.F.Deacon. For the first two months the works were in a preliminary stage and he was retained at the Head Office, where he studied the report and project^{and} made copies of important drawings. He then proceeded to Kendal in a position to utilise to the best advantage his time at the works. He has seen the excavation of the foundations for the dam, and the subsequent construction of part of it; the erection of temporary buildings, laying of lines of railway, quarrying operations, drainage arrangements, &c., and has been constantly employed in surveying, levelling, making measurements, and in carrying out experiments for testing Portland cement. He has also visited the

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been posted to Nassau.

Blackwall Tunnel; Cardiff Waterworks; Birmingham Waterworks;
Lancashire, Derbyshire, and East Coast Railway; coal mines at
Leeds, and Railway works in Glasgow.

All communications
should be addressed
to the Secretary.

No. 2700 G.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

GENERAL.

To

The Secretary to the Government of Madras,
Public Works Department.

Simla, the 27th October 1896.

Sir,

With reference to Public Works Department Notification
No. 451 dated 27th October 1896, I am directed to forward
for information, an extract from the report by Mr. H.V.S.

-----	Baker Superintendent of the practical
Mr. J.B. Lutman	: training course, shewing the character
" M. Brown	: of the training received by the Assistant
" C.T. Mullings	: Engineers noted on the margin who have
-----	been posted to Madras.

I have the honour to be,

Sir,

Your most obedient servant,

C. H. Walker

Under Secy. to the Govt. of India.

Document accompanying :-

Extract referred to.

CR

B.C.

A.R.K.