

In 1883 Mr. Mackinnon proceeded to Queensland and in the following year was appointed a District Engineer in the Water Supply Department of that Colony, under Mr. J. B. Henderson. He was engaged in that service for five years, during which period his work consisted chiefly in making surveys and in preparing plans and estimates for the supply of water to towns in different parts of the Colony, in the construction of tanks and dams along the main stock roads, and in superintending the operations of deep boring for artesian water. These duties were performed to the entire satisfaction of Mr. Henderson.

Mr. Mackinnon left the Water Supply Department in 1889, and was attached for a year to the Queensland Lands Department and employed in examining and reporting on sources of water supply for large irrigation schemes. In 1891 he resigned the Government service and, after a visit to this country, proceeded to British Columbia, where he was engaged in Vancouver until 1900 in private practice as an hydraulic and mining engineer. In the latter year he was appointed Mining Surveyor to the Lake View Consols, Western Australia, and held that post until his death, which took place at Kalgoorlie on the 11th January, 1901.

He was elected an Associate Member of the Institution on the 19th May, 1885.

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ARTHUR MARSHALL, born on the 19th March, 1848, was educated at Marlborough and at St. Peter's College, Cambridge, where he graduated B.A. in 1872. After spending some time at the Crystal Palace School of Practical Engineering, he was articled to Mr. James Mansergh, President, under whom he was engaged on drainage works at Southport and Grantham. He superintended, as Resident for Mr. Mansergh, the construction of the sewage farm at Burton-on-Trent, and subsequently started in private practice in that town. Among the works carried out by him as engineer may be mentioned the drainage of Chesham, Amersham, Ampthill, Swadlincote and Sonning, and the water-supply of Sonning, Wargrave and Twyford. He died at Sonning on the 13th April, 1901, at the age of 52.

Mr. Marshall was elected an Associate Member of the Institution on the 1st February, 1876.

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