

C.H. BOB MAARTMAN

By Cyril E. Leonoff

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C.H. Bob Maartmann was born on a homestead in the Qu'Appelle Valley of Saskatchewan. He was trained as a diesel mechanic at Vancouver Technical School. He served in the RCAF throughout World War II, first as an aero engine mechanic, then flying in an air crew. A beneficiary of the veterans' program, Bob headed the University of British Columbia Civil Engineering class, graduating with honours in 1950.

In the first part of his career, Maartman worked as a hydraulics designer on hydroelectric projects in British Columbia: Kemano, BC Electric Co. developments at Whaleach, Seton Creek, Clowhorn Falls, and Cheakamus, on the initial power studies of the Peace River, and on the review board of Mica Dam. Canada-wide, he worked on downstream projects for Churchill Falls, Labrador; on hydroelectric projects in southern Ontario; and on the review board for Kettle Falls, Manitoba. Internationally, he was involved in the Kundah Project, India and in other projects in Ceylon and South America.

Maartman joined Ripley, Klohn and Leonoff in 1969 as a civil and geotechnical engineer. He worked on water resource projects in Alberta, Fraser River dykes, Bennett Dam, and on tailings dams at Brenda and Gibraltar mines in British Columbia. One of the first engineers to become computer literate, he developed software programs to analyse the stability and liquefaction potential of such structures during an earthquake.