



The Engineering Institute of Canada

Fellow Citation 2001

Dr. Ed McRoberts – *A Member of the C.G.S.*

Dr. McRoberts graduated from the University of Alberta, and subsequently earned a DIC and a Masters in Soil Mechanics from Imperial College in London. He returned to complete a PhD at the University of Alberta. He is currently the Chief Technical Officer and Senior Vice President of AMEC Earth and Environmental Ltd. in Calgary.

Dr. McRoberts spent a brief period as a Captain in the Canadian Army and Assistant Professor at the Royal Military College. He joined his current company (which was formerly AGRA Earth and Environmental in 1973). He has a broad background in geotechnical engineering, which includes expertise in:

- Oil Lands and Mining Engineering
- Earth fill Dams and Tailing Dams
- Earthquake Engineering
- Arctic and Pipeline Tailing Dams

Many of his projects have been associated with reserve development in northern climates. This includes of course northern Canada, but also a Jino-Canadian study of Chinese Tailings dams, and Arctic and pipeline engineering in Canada, Alaska and Russia. He has been involved in many world-scale engineering projects, including the Canadian Arctic Gas Study to transport natural gas from the Beaufort Sea to southern Canada, and the development of oil sands in the Fort McMurray area.

Dr. McRoberts has authored over 40 publications on geotechnical, permafrost and mining related topics and was a major contributor to a book on Arctic Engineering. One of his chief duties also, is to promote and encourage high technical standards, acting as mentor throughout his company. He takes this role very seriously, and is widely respected for his work – and his “lead by example” attitude. A credit to his profession.

May I present now, a new Fellow of the Engineering Institute of Canada.

Madam President – Dr. Ed McRoberts