

Dr. Anthony Williams-Jones

A.E. (Willy) Williams-Jones is a professor in economic geology and geochemistry at McGill University. He received his early education in South Africa, completing B.Sc. and M.Sc. degrees at the University of Natal, and then emigrated to Canada, where he earned a Ph.D. at Queen's University. Prior to becoming a university professor, he worked for several years as an exploration geologist with INCO in southern Africa and Brazil. His research, which combines field-based and experimental approaches, focuses on the behavior of metals in crustal fluids and the genesis of hydrothermal ore deposits. He and his students (50 M.Sc. and Ph.D. candidates), postdoctoral fellows, and research associates, have made significant contributions to our understanding of the genesis of magmatic base and precious metal deposits and, more recently, deposits of the rare earth elements and related rare metals. The results of this research have appeared in over 150 referred journal articles and book chapters and have been recognized by award from the Geological Association of Canada (Derry and Logan medals), the Mineralogical Association of Canada (Peacock Medal), and the Royal Society of Canada (Bancroft and Miller medals). He is associate editor of *Economic Geology*, a fellow of Society of Economic Geologists, and a fellow of the Royal Society of Canada.