

John Bruce Davies

EDUCATION

B.Sc., 1963, Physics and Mathematics, University of Wales, Swansea.

M.S., 1967, Geophysics, California Institute of Technology.

Ph.D., 1980, Geophysics and Astronomy, University of British Columbia.

AWARDS

1966: I.B.M. Fellowship, California Institute of Technology

1980-2023: 13 awards in annual Gravity Research Foundation essay competitions

GEOSCIENCE EXPERIENCE

1963-65 Seismic Exploration on the North Sea and Interpretation for SSL and GSC

1965-68 Research in Geophysics at Caltech on nuclear explosion test detection

1968-72 Mineral Exploration consulting, prospecting and contracting

1972-74 Analysis of geohydrological effects of reservoir filling for B.C. Hydro

1974-75 Developed radioactive material assay system for B.C. Government

1976-77 Instructor in Geophysical techniques UBC and B.C. Government course.

1977-78 Consultant on Geophysical I.P. exploration to Cominco/Teck Corp.

1978-79 Lecturer in Geoscience at Simon Fraser University

1980-83 Research in Geophysics at University of Colorado (CU) on nuclear test detection and discrimination, earthquake geophysics and gravitation physics

1984-89 Founded and managed private and V.S.E mineral exploration companies

1990-93 Research at CU on modeling of atmospheric waves from nuclear explosions

1993-94 Consultant to Amoco on advanced non-linear geo-signal processing

1994-97 Geohydrological research at CU on effect of potential earthquake-caused water intrusion on the proposed Yucca Mountain nuclear waste repository

1995-98 Geohydrological research on State of Nevada contract analyzing pump tests and their implications to the safety of the Yucca Mountain proposed repository

1998-99 Consultant to B.P. on oil/gas/water flows in subsurface geohydrology

1999-2023 Mineral Exploration contracts, Resistivity fast survey development and use

2020-2023 Analysis of TorC Hot Springs geohydrology and geophysical activity