



JOHN CHIPPERFIELD, P.Geol.

Senior Vice-President

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John Chipperfield is a Director and an Associate of Sproule and is involved in the management of Sproule's Canadian and International subsidiaries. John has been a Sproule professional since 1990. John has lectured to industry extensively and has given expert witness testimony numerous times. He has experience in Argentina, Australia, Azerbaijan, Canada (including Northwest Territories, Mackenzie Delta, Grand Banks and Scotian Shelf), China, Colombia, Cote d'Ivoire, Equatorial Guinea, India, Italy, Mali, Mongolia, Mozambique, New Zealand, Peru, Russia, Sudan, Tanzania, United Kingdom, United States (including Alaska), and Yemen.

Diplomas and Degrees

- ❖ B.Sc. (Honours) Geology (1972), University of Alberta, Edmonton, Alberta, Canada

Memberships

- ❖ Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA)
- ❖ Canadian Society of Petroleum Geologists (CSPG)
- ❖ American Association of Petroleum Geologists (AAPG)
- ❖ Society of Petroleum Engineers (SPE)
- ❖ Canadian Well Logging Society (CWLS)
- ❖ Ontario Petroleum Institute (OPI)

Work Responsibilities

- ❖ Oversight of all work conducted by Sproule's International and Unconventional groups
- ❖ Conduct geological and petrophysical evaluations of client properties worldwide
- ❖ Evaluate oil sands and shale gas resources
- ❖ Conduct gas supply studies and resource assessments for asset transactions, facility and pipeline expansions, property/concession evaluations, exchange listings and regulatory hearings
- ❖ Conduct regional geological studies, evaluate exploratory prospects and generate prospects

- ❖ Teach geological aspects of Canadian Property Evaluation and Risk Analysis courses
- ❖ Prepare and present expert witness testimony for litigation, arbitration and regulatory hearings

Employers

- ❖ 1986-1990 **Oz Resources Ltd.**, Calgary, Alberta — *President*
 - ❖ Provided geological consulting, conducting geological studies, property evaluation and prospect generation in Alberta and Saskatchewan.
- ❖ 1981-1986 **Calais Resources Ltd.**, Calgary, Alberta — *Senior Geologist*
 - ❖ Conducted exploration and development geology in Alberta and related reservoir engineering and reserves evaluations.
- ❖ 1979-1981 **Czar Resources Ltd.**, Calgary, Alberta — *Geologist*
 - ❖ Conducted exploration and development geology in central and southern Alberta.
- ❖ 1973-1979 **Energy Resources Conservation Board and Department of Energy and Natural Resources**, Calgary and Edmonton, Alberta — *Geologist*
 - ❖ 1977-1979 - Conducted reservoir engineering evaluations of oil pools related to reserves studies and industry submissions to ERCB.
 - ❖ 1973-1977 - Conducted geological evaluation of oil sands deposits for ERCB and Alberta Department of Energy and Natural Resources.