

Key Skills

- Management of major exploration programs, including preparation and presentation of work programs and budgets through to mineral resource estimations
- Preparation of ASX announcements, technical reports and project valuations
- Strong database, 3D modelling, graphics & GIS application skills
- Competent Person for a diverse range of commodities, as defined by the JORC Code 2012

Qualifications

1976 **BA Hons (Geology)** Macquarie University

Industry Memberships

Member of the Australian Institute of Geoscientists

Summary of Experience

2008-present **Geos Mining:** Senior Consultant / Technical Manager: Gold & Base Metals Group

Technical leadership of the Gold and Base Metals Group. 3D modelling and resource estimations of gold, copper, tungsten, molybdenum and coal projects in NSW, Queensland, Northern Territory and Philippines. Preparation of work programs and budgets, reporting and submission of tenement applications. Management and drill rig supervision of several diverse drilling projects in Australia, Argentina and Vietnam. Evaluation of lithium brine projects in Argentina and Nevada, gold-copper projects in Indonesia, Cambodia, Mali and Papua New Guinea and iron ore project in South Australia. Technical advice on the setup of geological protocols for drilling program on a tungsten mine development in Vietnam. Valuations of a major copper-gold project in Peru and gold projects in NSW, Queensland and Papua New Guinea.

1993-2007 **Consultant Geologist**

Consultant on gold and copper exploration programs in PNG, Philippines and Fiji. Management of resource definition drilling programs on a gold-copper deposit in Philippines and exploration programs on gold projects in PNG and Philippines. Technical assessment of several mining projects in Vietnam, gold-copper-base metals exploration projects in Fiji and oil shale deposits in Sweden and Estonia.

1992-1993 **Senior Geologist:** McElroy Bryan Geological Services

Supervision of drilling program on coal project in Upper Hunter Valley.

1986-1991 **Chief Exploration Geologist:** RGC Exploration (PNG)

Management of the RGC Exploration gold-copper projects in Papua New Guinea, involving several major drilling programs. Liaison and reporting to PNG Government departments. Negotiations with indigenous landowners for access permission, compensation agreements and community assistance programs.

1977 – 1986 **Geologist:** Gold Fields Exploration Ltd.

Exploration Geologist on gold, copper, base metals and tin deposits in Tasmania, NSW, Queensland & Victoria. Mine Geologist at the Renison tin mine, Tasmania and the Gunpowder copper mine, Queensland.