



MICHAEL MILLS

Principal Geologist

BSc (Geology) Hons – Australian National University
MAusIMM



Michael Mills is a highly experienced geologist with more than twenty-five years working in the mining industry and has held senior resource modelling and exploration geology roles for major mining companies Rio Tinto and North Limited.

Michael also has consultancy experience working for Velseis Pty Ltd and Coffey Pty Ltd and specialises in resource estimation and reporting, geological modelling, resource definition and exploration drilling program activities. Michael’s career history demonstrates a strong emphasis on detailed ore-body knowledge and an ability to consistently deliver to client expectations.

Expertise

- **Project Management:** Well developed project management skills with exposure to numerous commodities including copper, gold and bauxite.
- **Resource Estimation:** Generation of resource models for input into Mine Planning packages.
- **Resource Reporting:** Delivery of JORC compliant resource reports.
- **Geological Modelling:** Development of geological models utilising solid ore-body knowledge.
- **Drilling & Sampling Programs:** Ability to plan and execute drilling and sampling programs for resource definition and exploration activities.
- **Database Management:** Experience with managing company databases.
- **Seismic Interpretation:** Interpreted high resolution 3D seismic data for the coal mining industry .
- **Computer Proficiency:** Datamine Studio RM, Leapfrog Geo (& Edge), AcQuire, ArcGIS (ArcMap), MS Project and Microsoft Suite.

Career Highlights

- **Rio Tinto:** Michael was the Competent Person for the JORC compliant estimation and reporting of Rio Tinto’s world-class lateritic bauxite resources at Weipa in Queensland and Gove in the Northern Territory.
- **Northparkes Mine:** Michael was a member of the discovery and phase 1 drill-out team for the Endeavour 48 porphyry copper gold deposit. This deposit has since been mined.
- **West Africa:** Managed the early stage drilling program at the Tongon orogenic gold deposit in Cote d’Ivoire. This deposit is now a mine.

Professional Experience

Principal Geologist	2020 – Current	Xenith Consulting Pty Ltd
Principal Advisor Resource Geology	2017 – 2018	Rio Tinto Pty Ltd
Specialist Resource Geologist	2007 – 2016	
Seismic Interpreter / Geologist	2002 – 2007	Velseis Pty Ltd
Senior Exploration Geologist – West Africa	1999 – 2000	North Limited
Project Exploration Geologist – Yilgarn, Gawler Craton	1997 – 1999	
Exploration Geologist – Northparkes Mine	1991 – 1996	
Engineering Geologist	1988 – 1989	Coffey Pty Ltd