



BERNHARD HEIZMANN

Principal Geologist

MSc (Geology) – Freie Universität Berlin, Germany
MAusIMM • Site Senior Executive (SSE)



Bernhard is a highly experienced geologist who has worked extensively in different roles in resource evaluation, geological modelling, operations and exploration.

This includes planning and managing exploration programs, database management, resource modelling and estimation, project and study reports, operational mine geology and coal quality assessment (thermal and coking coal). He is a Competent Person for JORC reporting as well as an exploration SSE. After early days in South Africa and Victoria, he has worked on coal projects in the Bowen and Galilee Basins for over 15 years.

Expertise

- **Operations:** Responsible for all geological issues on several coal mines, including exploration, mine planning, horizon/grade control, contamination, yield / product quality predictions, reconciliations of tonnages and qualities; as well as managing the geology departments
- **Exploration:** Target generation; planning and execution of exploration programs (drilling and seismic); managing exploration departments (as SSE) which included budget and cost control, contract and contractor management; staff development and supervision, tenement management etc
- **Resource Evaluation:** Competent Person for JORC reporting of coal; data collection/validation (incl. coal quality), database management, geological modelling, resource estimation, resource reporting; audit/review, due diligence and study reports.

Career Highlights

- **Xenith Consulting:** Due Diligence for sale of coal mines by major mining house; modelling and reconciliation support to operating coal mine; overburden model for WA gold mine
- **Vale:** Red Hill (East) exploration program, resource estimation and PFS report compilation
- **Hancock:** Completion of Kevin's Corner Underground PFS study; Alpha mine exploration and resources
- **Anglo American:** Responsible for all of Anglo Coal's exploration; 1000 LTI free exploration days.

Professional Experience

Principal Geologist	2017 – Current	Xenith Consulting Pty Ltd
Exploration Manager and Technical Lead	2014 – 2016	Vale Exploration
Principal Resource Geologist	2012 – 2014	GHD Consulting
Geology Manager	2011 – 2012	Hancock Coal (GVK)
Exploration Manager	2001 – 2010	Anglo Coal Australia