



ROSS HAUPT
Lead Mining Engineer

BEng (Mining) – University of Queensland
MAusIMM • MAICD

Ross Haupt has over 30 years’ experience in practical, operational and consulting roles for open cut coal mines across Australia, USA and South Africa. He has extensive experience in analysing dragline techniques to evaluate the effectiveness of various digging methods; throw blasting alternatives; multipass methods; and dragline pullback on coal exposure economics. Ross has managed projects involving the economic ranking of deposits; preparation of short and long term mine plans based on lowest cost production; mining prefeasibility and feasibility studies; and mineable reserve estimation. He has particular expertise in coal deposits that are structurally complex. Ross is one of the founders of Xenith.

Expertise

- **Strategic Planning:** Investigation of alternative mining strategies and operational techniques to maximise resources
- **Project Management:** Conceptual, Prefeasibility and Feasibility Studies
- **Reserves Estimation:** JORC compliant Reserve Statements
- **Information Management:** Derivation of mine planning reserves databases from raw geological data with specific expertise in structurally complex deposits
- **Technology Application:** Application of digital technology to streamline the mine planning and design processes
- **Design:** Development of software solutions tailored for specific mine planning requirements
- **Dragline Optimisation:** Detailed evaluation of alternatives; rehandle and productivity assessments
- **Dragline Selection:** Sizing and configuration of new draglines to best fit the mine’s conditions
- **Cast Blasting Methods:** Evaluation of the effects on dragline productivity and profitability.

Career Highlights

Xenith Consulting:

- Management of several successful mining related projects, including the prefeasibility and feasibility studies for the Wandoan coal project in southern Queensland
- Completion of numerous dragline method and pit configuration studies for a number of operating coal mines in Eastern Australia, as well as feasibility studies for potential dragline operations in non-coal operations (including iron ore).

Mining & Geological Services:

- Recommended fit-for-purpose sizing and configuration of draglines for Hail Creek, Ensham and Lake Lindsay projects, all of which have been successfully implemented.

Professional Experience

Lead Mining Engineer / Director	2010 – Current	Xenith Consulting Pty Ltd
Consulting Mining Engineer / Director	2005 – 2010	
Consulting Mining Engineer	1996 – 2005	Mining & Geological Services
Mining Engineer, Director	1995 – 1996	Dragline Technologies
Manager, Software Design	1994 – 1995	Runge Mining
Mining Systems Consultant	1986 – 1994	
Overburden Engineer	1982 – 1986	TDM Riverside Mine