



## ANTHONY WOODSIDE

Lead Mining Engineer

BEng (Mining) – University of NSW



As an accomplished Mining Engineer, Anthony's projects over the past twelve years with Xenith Consulting have focused on the provision of corporate technical consulting services to Australia's major mine owners. Anthony contributes expertise in mining concept studies, strategic mine design and scheduling, competitor analysis and mine expansion proposals to industry leaders.

### Expertise

- **Design:** Detailed mine design and scheduling including the development of scheduling reserve databases and life of mine design
- **Resource Optimisation:** Including coal quality and logistics with expertise in complex multi-seam operations
- **Modelling:** Risk assessments and financial modelling for mine improvement projects
- **Competitor Analysis:** Research, data analysis, trend identification and reporting
- **Conceptual Mine Development Planning:** The what, where, how and why of potential projects
- **Project Supervision and Study Management:** Specialising in technical evaluation projects
- **Due Diligence Studies:** Development of concept studies in the support of acquisition and divestment activities
- **Process Improvement:** Development of alternative mining strategies and techniques to deliver operational efficiencies including operational, equipment performance and costing reviews
- **Feasibility Assessments:** Research, data analysis and reporting of conclusions to assess competing options
- **Technical Input:** Generate and contribute technical content to attain mine operating regulatory approvals
- **Plant & Equipment:** Review, assess and advise on selection, replacement and rationalisation decisions
- **Coal Chain Logistics:** Simulation and optimisation of logistics for mines and product transport systems
- **Forecasting:** Preparation of operating plans and budgets including cost estimation for capital and operations
- **Production Information Systems:** Installation and operation of systems to streamline truck dispatch and production monitoring functions.

### Career Highlights

- **Xenith Consulting:** Project Management of a significant mine expansion feasibility study
- **Xenith Consulting:** Strategic study into waste removal technologies employed at multiple operations of a large mining corporation
- **Rio Tinto Coal:** Establishing and maintaining a strategic planning framework for several minesites in NSW and Queensland.

### Professional Experience

Lead Mining Engineer	2018 – Current	Xenith Consulting Pty Ltd
Manager – Business Transformation	2010 – 2017	
Consulting Mining Engineer	2005 – 2010	
Senior Mining Engineer – Strategic Planning	2004 – 2005	Rio Tinto Coal Australia
Senior Mining Engineer – Resource Planning	2001 – 2004	Coal & Allied
Mining Engineer	1995 – 2001	Lemington Coal Mine