



JAMES PORTER

Lead Mining Engineer



BEng (Mining) Hons Class I (Dean's Commendation) – University of Queensland
 BEng (Mechanical) – University of Queensland
 Graduate Diploma in Education – Griffith University
 MAusIMM CP (Min) • RPEQ • PRINCE2 Project Management Practitioner

With a career in mining since 1999 including open cut coal pit operations since 2002, James has extensive experience in mine design, scheduling and planning, contract management, project forecasting and project management. Due to his leadership ability and professional engineering skills, James is well placed to meet the challenges of providing strategic and technical support and leadership to resource companies at an operational, senior management or executive level.

Expertise

- **Long Term Planning:** Producing Life-of-Asset mine plans for clients, engaging in dragline operation evaluations. Development of Cast-Doze-Excavate and Dragline methods in Dragsim. Modelling truck haulage in schedules. Economic evaluation of alternative approaches to exploiting resources supported by physical schedules and method modelling
- **Short-Mid Term Planning:** Producing short-term plans, 5-year plans, 10-year plans based on equipment schedules. Stage plans in SPRY, XPAC and Vulcan. Coal blending and logistics schedules. Measuring and reporting on physical and financial performance. Demonstrating practicality of plans using 3d-Dig including the latest "Auto Dragline" module
- **Scheduling:** SPRY and XPAC scheduling in all timeframes, and development of scheduling models in both packages
- **Margin Ranking:** Margin Rank analysis using SPRY and XPAC models and truck haul analysis in TALPAC and SPRY
- **Project Management:** PRINCE2 Practitioner Level certified, with experience in managing cross-functional professional teams on a wide variety of projects on developing greenfields assets and optimising existing operations
- **Computer Proficiency:** Proficient with SPRY, XPAC, Dragsim, DeswikCAD, 3d-Dig, and Microsoft Office Suite particularly Excel. Working knowledge of Talpac and Vulcan. Proficient in writing scripts in C# and VBA.

Career Highlights

- **Xenith Consulting:** Developing the Life-of-Asset and 5-year mining plans for the proposed Daunia Mine for BMA. Design and development of XPAC and SPRY models. Optimisation of dragline operations including use of bulk dozer push
- **BMA:** Performed long term, medium term and budget scheduling for Poitrel and South Walker Creek mines in the Bowen Basin. Evaluated mine development options including dragline system optimisation and raw coal bypass options analysis
- **Thiess:** Design of blasts with electronic detonators including highly innovative timing techniques in difficult ground. Implementation of detailed short-term planning system that became viewed as "best practice" within Thiess.

Professional Experience

Lead Mining Engineer	2018 – Current	Xenith Consulting Pty Ltd
Mining Consultant	2009 – 2018	
Chief Operating Officer	2008 – 2009	Bandanna Energy Ltd
Principal Strategic Planning Engineer Resource Planning Department, Brisbane	2006 – 2008	BHP Coal Pty Ltd
Technical Services Superintendent BMA Goonyella Riverside Mine, QLD	2005 – 2006	Thiess Pty Ltd
Senior Project Engineer Collinsville Mine, QLD	2004 – 2005	
Technical Services Manager	2003 – 2004	Foxleigh Mining Pty Ltd
Underground Operator, Assistant Mining Estimator, Site Engineer, Planning Engineer	1999 – 2003	Henry Walker Eltin Contracting