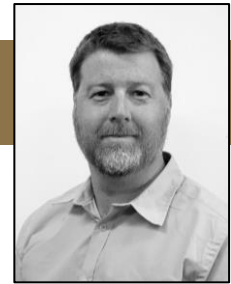




Simon Land Senior Mining Engineer

BEng (Mining) 2001



With a career in mining since 2002, Simon has extensive experience in the coal mining industry across a number of technical roles in open cut operations including Short and Long Term Mine Planning, Survey, Geology and Environment. His strengths lie in detailed systematic mine design, practical implementation of mine plans and understanding the value chain through the mine planning process.

Expertise

- **Wide Technical Base:** Experience across all technical service roles and greater value chain on open cut coal mines.
- **Design:** Proficient in all aspects of mine design including pit and dump designs, short-term and long-term stage plans, road and ramp design, incorporating operational, environmental, geotechnical, and geological inputs.
- **Mine Planning:** Design, reserving, scheduling, and reporting.
- **Mine Rehabilitation:** Experience in the development of Mining Operations Plan (MOP) and Rehabilitation Cost Estimate (RCE) in New South Wales. Understanding of Mine rehabilitation processes and landform design.
- **Software Proficiency Spry:** Experience in developing new Spry databases, transferring existing databases from XPAC, and scheduling within, with focus on generating simplified, flexible, and dedicated tools for use during scheduling and at the end reporting stage.
- **Software Proficiency Deswik:** Experience with general CAD, design and reserving processes including aggregation, solid and attribute generation.

Career Highlights

- **Xenith Consulting:** Simon has undertaken many design, reserve and scheduling projects utilising Spry and Deswik at mines in the Hunter Valley and Gunnedah Basin including Dump Design, Environmental and Rehabilitation Design, mixed plant reject (MPR) management, in additional to general engineering support.
- **Bengalla:** During a 14-year period at Bengalla, Simon worked in most Technical Services roles across numerous projects. Managing Short Term Planning, Geological, Geotechnical and Survey Teams to ensure the mine achieved and maximised key value chain objectives both in present and future mine plans. This was done through targeted exploration data acquisition and analysis, development of dump planning and design processes to ensure short, medium and long-term dumping constraint risks are identified and managed, and ongoing development of Mining Operations Plans and Rehabilitation Cost Estimates integrating mine development and rehabilitation.

Professional Experience

Senior Mining Engineer	2019 – Current	Xenith Consulting Pty Ltd
Mine Planning Projects Superintendent (Geo Survey)	2014 – 2019	Bengalla Mine
Mine Planning Projects Superintendent (Projects)	2012 – 2014	
Mine Planning Superintendent	2008 – 2012	
Drill & Blast Enginner	2006 – 2008	
Mining Engineer	2005 – 2006	
Mining Engineer	2004 – 2005	Mt Whaleback, Newman