



MARTIN LONGLAND

Principal Geologist

BAppSc (Geology) – University of Queensland
 Post Graduate Diploma Sc (Geology) – University of Queensland
 MAusIMM



Martin commenced work as a Geologist in 1995 and has previously gained experience in resource geology and operations for open cut gold, copper, oil shale and open cut / underground base metals sectors. Since arriving at Xenith Martin has been predominately developing specialist skills in the coal resource sector. Martin now specialises in the planning of development and exploration programs, resource assessments and 3D modelling as well as being a qualified competent person under the JORC code.

Expertise

- **Resource Assessments:** Geological modelling, and resource assessments for use in mine planning
- **Design:** 3D Mine modelling and development and exploration drilling design
- **Operations Management:** Leading teams in mine extraction, development and dewatering
- **Research:** Oil Shale modelling procedures development and data requirement evaluations. Developing a new commodity, process and resource from the ground roots exploration data
- **Tenement Appraisals:** Performing due diligence work within business group to ensure client has the most informed position
- **Computer Proficiency:** Vulcan, Minescape, 3D Dig and Microsoft Suite.

Career Highlights

- **Xenith Consulting:** Reviewing and compiling Fugitive Gas Estimates for statutory requirements at various Coal Operations within Queensland and New South Wales. Developing the geological model for Stanmore Coal’s Isaac Plains East project. Completing geological model audits and reviews for various clients. Utilising Vulcan Modelling skills to develop geological understanding of complex deposits. Investigating geological models for opportunities for improvement.
- **QER:** Created 3D stratigraphic model to assist the Mining Department in scheduling future mining plans and programs
- **Xstrata:** Developed and implemented blending strategy and reconciliation procedures for the Blackstar Opencut operations to ensure consistent feed qualities and specifications
- **MIM:** Developed and designed Deep Lead Zinc resources to ensure continuance of mine feed.

Professional Experience

Principal Geologist	2018 – Current	Xenith Consulting Pty Ltd
Senior Geologist	2012 – 2018	
Modelling Geologist	2007 – 2012	QER Pty Ltd
Geologist	2004 – 2007	Xstrata Pty Ltd – Blackstar Opencut
Acting Senior Geologist – Underground	2003 – 2004	Xstrata Pty Ltd – Mount Isa Lead Mine
Geologist – Underground	2000 – 2003	MIM Pty Ltd – Mount Isa Lead Mine
Geologist – Mining and Development	1998 – 2000	Straits Resources Ltd – Nifty Copper Operations