



**CHERYL HOLZ**  
Principal Geologist

BSc (Geology) Hons – University of Newcastle  
MAusIMM



Cheryl Holz is a Geologist with over 25 years’ experience working in the coal mining industry in the Sydney Basin at Lemington, Dartbrook, Bengalla and Drayton. She has also worked on deposits in the Collie Basin, Galilee Basin, Bowen Basin and Gloucester Basin completing both geological modelling, mine design and optimisation. Cheryl has extensive Minex experience modelling complex geology and has been responsible for resource risk assessment, exploration planning and justification, short-term coal quality scheduling and incorporation of in pit structural mapping into geological models. Cheryl is a qualified competent person under the JORC code and is a member of the executive on the Coalfield Geology Council of NSW.

**Expertise**

- **Exploration:** Development and justification of exploration plans to meet both short term mine planning and JORC requirements
- **Resource Assessment & Reporting:** Geological modelling, coal quality and resource assessment for use in short and long term mine planning. Resource reporting in accordance with the JORC Code
- **Structural Geology:** Extensive experience in interpreting complex coal bearing deposits and generating 3D models of steep dips, folding, complex multi-phase faulting, thrusting and lateral and vertical intrusions for use in both short term and long term mine planning
- **Coal Quality Modelling:** Experience in the use of the Minex Washability Database to ensure all coal quality data can be modelled if required. Strong attention to detail to ensure coal quality data sets are validated and robust
- **Relationship Management:** Ability to effectively communicate with all stakeholders to ensure successful outcomes are achieved
- **Mine Design:** Experience in final landform design, conceptual mine design, generating reserves and target scheduling
- **Computer Proficiency:** Minex, acQuire, Mapinfo and Microsoft Suite.

**Career Highlights**

**Xenith Consulting:**

- Pit optimisation to support PFS studies
- Complex geological modelling for Bounty Mining
- Concept study mine design at Stratford and West Pentland.

**Drayton Mine:**

- Only onsite Competent Person & Resource Geologist for Anglo’s Australian coal assets which gave Cheryl the unique perspective of catering for both short and long term mine planning needs
- Improving the accuracy of the geological model by incorporating in pit, geophysically logged production holes to aid in the correlation of complex seam splitting and faulting that occurs within the Greta Coal measures
- Managing multiple geological and short term planning tasks with limited staff throughout mine closure.

**Professional Experience**

Principal Geologist	2018 – Current	Xenith Consulting Pty Ltd
Senior Geologist	2016 – 2018	
Resource & Database Geologist	2007 – 2016	Anglo American Coal Drayton Mine
Contract Geologist	2000 – 2007	Peter Eason Survey & Mining/Pegasus
Contract Geologist	1998 – 1999	Ray Boldery Survey & Drafting
Pit/Mine Geologist	1996 – 1998	Shell Drayton Mine
Technical Support Officer (Geology)	1995 – 1996	
Geologist/Laboratory Technician	1994 – 1995	SGS Australia – Muswellbrook Laboratory