

FITHERSON (PITER) RATTU

Principal Geologist

BSc (Geology) – Uni of Pembangunan Nasional Veteran, Jakarta
MAusIMM



Piter has over 20 years' of mining industry experience and has held a number of key roles throughout his career, specifically as a production engineer, mine planner and geologist. These roles have exposed Piter to a wide range of responsibilities which have provided him with key skills and capabilities in the many facets of the mining industry including operation, short term planning and pit geology. He has gained experience using Minex, Scheduler, Minescape, Vulcan, Spry, Deswik and Surpac and is also familiar with risk analysis and assessment techniques. Piter's role as Geologist sees him responsible for a number of key tasks and activities including generation and supervision of a drilling program, 3D geological structure and quality modelling, pit geology, optimisation, pit and dump design and scheduling, life-of-mine planning and mining options studies. Piter has gained sufficient relevant experience to sign off as competent person on Statement of Coal Resources according to JORC Code.

Expertise

- **Exploration:** Evaluation and exploration of open cut coal deposits
- **Resource Assessments:** Geological modelling, coal quality and resource assessments for use in mine planning
- **Design:** 3D Mine modelling and detailed pit design
- **Resource Optimisation:** Including coal quality and logistics with expertise in complex multi-seam operations
- **Conceptual Mine Development Planning:** The what, where, how and why of potential projects
- **Short Term Planning:** Creation of operational plans for immediate implementation
- **Operations Management:** Including equipment utilisation, risk assessments and performance review
- **Long Term Planning:** Identification of key value drivers, capability analysis and strategy development
- **Project Management:** Leading multi-disciplinary teams on both coal resource assessment and concept mining
- **Due Diligence Studies:** Development of concept studies in the support of acquisition and divestment activities
- studies
- **Competent Person:** as defined in the JORC Code
- **Computer Proficiency:** Minex, Minescape, Vulcan, Surpac, Spry, Deswik and Microsoft Suite.

Career Highlights

- **Xenith Consulting:** Short and long term geology and mine planning coal project, including Vale Mozambique site assistance, Iron Ore and Tungsten mining studies
- **Minarco-Mineconsult:** Exploration Management, pit optimisation and life of mine planning for complex multi seam coal deposits including regional geological model for Gloucester Basin
- **PT Darma Henwa:** Site Geologist, mid and short term planner
- **PT SMJ:** Production Operation Superintendent.

Professional Experience

Principal Geologist	2018 – Current	Xenith Consulting Pty Ltd
Senior Geologist	2012 – 2018	
Senior Geologist/Senior Mining Engineer	2007 – 2012	Minarco-Mineconsult Sydney
Geologist/Mining Engineer	2005 – 2007	PT. Darma Henwa, Bengalon Coal Project, Indonesia
Project Coordinator	2004 – 2005	PT. Gatra Prakarsa, Indonesia
Production Superintendent	1998 – 2004	PT. SMJ, Banko Barat Coal Project, Indonesia
Exploration Geologist	1994 – 1998	Indonesia Exploration Area