



DEBBY SANURRYTA

Senior Mining Engineer

BEng (Mining) – Trisakti University, Indonesia
MAusIMM CP(Min)



Debby is a professional mining engineer who applies strategic thinking and innovation to achieve client solutions, with over 18 years' experience in the mining industry working in both open cut coal and metals operations throughout Australia and Asia. During this time Debby has developed significant key roles throughout her career, which have exposed her to a wide range of responsibilities including pit optimisation, detail design, strategic planning, scheduling works, equipment selection, cost modelling, due diligence, conceptual mine planning, feasibility studies, JORC statements, technical reviews and reporting. These roles have exposed Debby to a wide range of responsibilities which have provided her with key skills and capabilities in the many facets of the mining industry.

Expertise

- **Drill and Blast:** experience in open cut operations in a drill and blast capacity and mining and blasting software, with an analytical mindset and strong problem-solving skills
- **Short and Long-Term Planning:** Develop short, medium and long-term plans that align with the strategic plan. LOM planning including pit optimisation and mine design, excavation and pit dump scheduling, equipment feet selection, project costing and economic modelling
- **Pit Optimisation:** Expert in determine of economic pit limits, ranking, sensitivity studies
- **Reserve Generation:** Generation and scheduling of mining reserves
- **Design and Scheduling:** Expert in 3D Mine modelling and detailed pit design include dump design ROM Model development and scheduling work throughout many of the world's largest coal mines
- **Due Diligence Studies:** Development of concept studies in the support of acquisition and divestment studies
- **Conceptual Mine Development Planning:** The what, where, how and why of potential projects
- **Project Management:** Leading multi-disciplinary teams on both coal reserve assessment and concept mining, management of technical projects including conceptual, prefeasibility and feasibility studies
- **Competent Person:** Reserves signatory and Chartered professional engineer
- **Software Proficiency:** Gemcom, Geovia - Minex, Surpac, Whittle, Minescape, Landform and haulage, Talpac, Spry, Vulcan, Deswik, and Microsoft suite.

Career Highlights

- **Xenith Consulting:** Involvement in a broad range of projects including Vale Mozambique short/long term planning support, Involvement in feasibility, conceptual studies, LOM plan for Indonesian coal projects, and support for King Island Scheelite in The Dolphin Tungsten Mine (ore project)
- **RPM Global:** Successfully in numerous projects managed and involvement in projects including pre-feasibility and feasibility studies, mine planning, Due diligence, and project valuations while maintaining strong client relationship by providing professional consulting and technical support
- **PT Kaltim Prima Coal:** Acting Superintendent of the largest coal mining operation in Indonesia, with Supervision and Leading the Mining Operation team to ensure the safe, productive delivery of the Life of Mine plan with in the schedules due to complex multi seam open cut operations
- **Dyno Nobel – Dahana JO:** Liaise with the Short-Term Planning Engineer and Production Superintendent to efficiently schedule the drilling and blasting requirements and minimise interruption of other mining operations and ensure drilling and blasting operations are carried out in a cost-effective manner.

Professional Experience

Senior Mining Engineer	2018 – Current	Xenith Consulting Pty Ltd
Mining Consultant	2014 – 2018	Independent Sole Trader
Senior Mining Consultant	2010 – 2014	RPM Global Ltd
Senior Mining Engineer	2007 – 2010	Minarco_Mineconsult Sydney
Acting Superintendent – Mine Planning	2006 – 2007	PT Kaltim Prima Coal
Senior Mining Engineer	2002 – 2006	
Field Supervisor / Drill and Blast Engineer	2000 – 2002	Dyno Nobel, Dahana JO Ltd