



Sunil Kumar Principal Mining Engineer



BEng (Mining), Indian School of Mines (IIT) Dhanbad, India
 Cost & Management Accountancy, Institute of Cost Accountants of India
 MAusIMM CP (Min) • RPEQ

Sunil is an experienced Principal Mining Engineer working in Australia and overseas across mine developmental plans, resource planning & engineering, mine & project management, mine operations, strategic planning and business improvement analysis. He has well-developed skills such as interpreting and developing short, mid and long term mine plan & design, optimisation and estimation for mining deposits. His key areas of expertise include life of asset planning, mining studies, due diligence, JORC Reserve reporting, managing and improving productivities in open cut mines through use of established and latest technologies.

Expertise

- **Strategic Planning:** Assessment of life of mine strategies to maximise resource recovery and optimise fleet performance
- **Medium and Long Term Planning:** Develop medium and long term plans that align with the strategic plan
- **Short Term Planning:** Short term production scheduling and planning of mining operations to extract maximum value
- **Reserve Generation:** Generation of mining reserves for input into Mine planning and valuation
- **Scheduling:** SPRY and XPAC scheduling and development of scheduling models in both packages
- **Margin Ranking:** Margin Rank analysis using SPRY and XPAC models and truck haul analysis in TALPAC and SPRY
- **JORC Reserve Estimation:** Competent Person for the estimation of open-cut coal JORC Reserves
- **Project Evaluation & Deposit Appraisal:** Exceptional project evaluation and due diligence skills with a strong focus on, and understanding of, the key risks of a project
- **Computer Proficiency:** Vulcan, Deswik.CAD, Minex, XPAC, SPRY, Talpac, MS Project and Microsoft Suite.

Career Highlights

- **Glencore:** Implemented LOM and 5-year budget plan and schedule framework along with monthly forecasts for Collinsville Mine when it re-opened after 3 years under care and maintenance. Performed strip design analysis for optimal dragline strip width for Rolleston mine.
- **HDR (Salva Resources):** Completed seven JORC Reserve Reports for Indonesian coal concessions and prepared the Valuation Report (Valmin Code) for a client company, Golden Energy. Following rigorous third-party review, the company was successfully listed on SGX (Singapore Exchange) with valuation in excess of US\$2Bn.
- **SRK:** Completed the mining study and project managed the Bankable Feasibility study which included JORC Reserve statement for Baruun Naran Coal Deposit in Mongolia.

Professional Experience

Principal Mining Engineer	2019 – Current	Xenith Consulting Pty Ltd
Senior Mining Engineer Jellinbah Plains Mine, QLD	2018 – 2019	Thiess Pty Ltd
Senior Long term Mine Planning Engineer Collinsville mine, QLD	2017 – 2018	Glencore Australia Pty Ltd
Principal Mining Engineer	2013 – 2016	HDR Pty Ltd (Salva Resources)
Principal Mining Engineer Business Development Division, Brisbane	2012 – 2013	Glencore (Xstrata Coal Qld)
Senior Consultant (Mining)	2009 – 2012	SRK Consulting
Superintending Mining Engineer	1987 – 2008	CMPDI Ltd (Coal India Ltd)