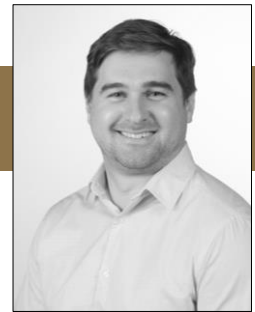




James Jackson

Mining Engineer

BEng (Mining) – University of Queensland



James is a highly motivated Mining Engineer who has strong operational experience in Mine Planning, Operational Planning and Drill & Blast within autonomous truck and shovel operations. He has primarily worked in short to medium term mine planning roles, however during his professional career he has been exposed to mining environments that have presented a number of significant challenges in terms of Mine Planning and Drill & Blast, including Autonomous Truck operations, Autonomous Drill operation, dewatering issues, complex geology including pit wall stability issues and combined electronic and non-electronic blasting.

Expertise

- **Short-Mid Term Planning:** Production of mine schedules from 24hrs – 5 years, drill and blast scheduling and rail schedules.
- **Design:** Drill & Blast planning including design and scheduling; Mine design including haul road, pit access, dumps, pit infrastructure, land clearing and rehabilitation.
- **Mentoring:** Coaching and training of Junior Engineers and Graduates including setting expectations and KPIs
- **Computer Proficiency:** Proficient with Maptek Vulcan, Alastri Planning Suite, Deswik CAD, Spry, Blastplan, Shotplus and Microsoft Office Suite. Working knowledge of XPAC & Talpac.

Career Highlights

- **Rio Tinto Iron Ore:** Successful roll out of Autonomous Haulage in conjunction with Komatsu to create one of the world’s first fully autonomous mine site. Integration into planning and updated design parameters to account for increased productivity. Roll out of Autonomous Drilling in conjunction with Atlas Copco updating drill design parameters, smart explosive charging techniques and pattern preparation standards.
- **Rio Tinto Iron Ore:** lead a successful roll out of new geological parameters for the site to free-dig soft material budgeted for drilling & blasting – saving \$150k per annum in drill & blast consumables.

Professional Experience

Mining Engineer	2019 – Current	Xenith Consulting Pty Ltd
Medium Term Planning Engineer	2018 – 2019	Rio Tinto Iron Ore
Mine Scheduling Engineer	2017 – 2018	
Drill & Blast Engineer	2015 – 2017	
Grade Controller / Run Planner	2014 – 2015	