

Consultant Profile

LOC TO

PRINCIPAL MINING CONSULTANT

Bio

After graduating from The University of Queensland, I started my career with a consulting firm and was contracted to various coal mines across the Bowen Basin and the Hunter Valley. I've also spent time in Canada where I worked for several years in the oil sands mining industry. Since returning home to Queensland, I've continued my career in coal mining. I specialise in open cut mine planning and design, with experience in truck/shovel and dragline operations. My high level of work standard along with my commitment to clients will ensure I am delivering value and results.



Qualifications

Bachelor of Engineering, Extended Major in Mining Engineering
The University of Queensland

Software Experience

- Deswik CAD
- MineScape
- Vulcan
- 3D Dig
- Spry
- Xact

Industry Experience

2021 – 2022

BHP Mitsubishi Alliance (Blackwater, QLD) – Lead Pre-Strip Engineer, Blackwater Mine

- Direct and manage workflow within the pre-strip team
- Plan and execute pre-strip mine designs
- Assist schedulers with producing and maintaining an 18 month schedule and monthly SRF
- Maintain and optimise the site haulage model
- Liaise with key stakeholders to ensure forecast budget objectives are achieved
- Develop and maintain relationships with offsite planning teams
- Maintain effective working relationships with our operational teams

2020 – 2021

BHP Mitsubishi Alliance (Blackwater, QLD) – Dragline Engineer, Blackwater Mine

- Prepare and execute dragline mine designs
- Produce and maintain a rolling 16 week schedule and monthly SRF
- Ensure dragline compliance
- Liaise with key stakeholders to ensure forecast budget objectives are achieved
- Develop and maintain relationships with offsite planning teams
- Prepare strip reconciliations and share learnings within the business to continually improve the mine plan



Enrich Mining Solutions PTY LTD
1/12 Billabong Street
Stafford, QLD 4053

2018 – 2019

Suncor Energy (Fort McMurray, Canada) – Lead Mine Support Specialist

- Lead 0-18 month plan in support of haul road planning and design, reclamation, coke storage, in-pit drainage, high voltage cable management, as well as limestone and sand pit planning
- Provide and facilitate continuous interactions with mid/long range mine planning, scheduling and mine operations
- Produce IFC haul road designs and rolling 2 week plan
- Perform weekly to monthly plan stewardship to retain history, drive corrective actions and celebrate success
- Supervision and development of direct reports

2016 – 2018

Suncor Energy (Calgary, Canada) – Overburden Production Specialist

- Conduct QA/QC of the mine plan
- Provide in-field technical support to mine operations and contractors
- Manage operational interactions between processes
- Produce daily compliance reports and flag deviations to drive continuous improvement

2014 – 2016

Suncor Energy (Calgary, Canada) – Mid/Long Range Reclamation Planner

- Collaborate to develop the annual 10yr Budget and Business Plan for Base Mine reclamation
- Provide mid to long term planning support to site based planners
- Calculate annual Asset Retirement Obligation for Fort Hills JV Operations
- Assist in the development of the Mine Financial Security Program Annual Report for Base Mine Operations
- Develop reclamation plans for borrow pits at in-situ operations
- Mine closure design and EOM material balance for Base Mine Operations

2010 – 2013

Echelon Mining Services (Brisbane, Australia) – Various On Site Mining Engineering Roles

- Provide onsite short term mine planning support
- Work as an integrated part of the midterm planning team
- Develop mine designs for operational construction and midterm planning
- Provide detailed plans to assist in the management of the truck/shovel fleets
- Produce updated reserve sets to enable the scheduler
- Manage time and work efficiently to deliver projects on time and on budget
- Submit work of a high standard that meets the client's expectations
- Liaise with clients and manage working relationships