

## Lachlan Colley

### Mining Engineer

BE Mining (Hons) / BSc Earth Science, UNSW  
Cert. IV Engineering Drafting



### Profile

Lachlan is a highly motivated Mining Engineer who has strong operational experience in both open cut and underground coal mines. Lachlan's experience in short term scheduling, drill and blast and systems engineering is complemented with his experience in geology and design expertise. During his career Lachlan has been involved with a diverse range of technical challenges from digging through underground workings to through seam blasting. In addition to Lachlan's mining engineering experience, he has also drawn on his qualifications as a Geologist for roles in core logging and auditing geological models.

### Expertise

- **Mine Design:** Dig and dump designs for use in machine guidance and scheduling.
- **Short Term Planning:** Operational experience planning for digger fleet of up to 5 units between 2 pits. Achieving deliverables daily as required by production and maintenance departments.
- **Software Proficiency:** AutoCAD, Vulcan, Deswik, Minex, Talpac, MS Office, Shot Plus, Hexagon Software (Machine Guidance).

### Career Highlights

- **Glencore – Glendell:** Short term planning role during implementation of Deswik for scheduling. Bulk reshaping for rehabilitation and blast pattern designs.
- **Glencore – Liddell:** Business improvement project on drill bit wear. Determined solution with lowest total cost of ownership.
- **Glencore – Ulan West:** Business improvement project on LW shearer pick wear. Identified key factors resulting in sub-optimal pick and drum wear and recommended pick models and drums moving forward.

### Professional Experience

Mining Engineer	2018 - Current	<b>Xenith Consulting</b>
Mining Engineer – Glendell	2017 - 2018	<b>Glencore</b>
Mining Engineer – Liddell	2016 - 2017	
Mining Engineer – Ulan West	2016 - 2016	