



OPEN PIT MINING EXPERIENCE

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MINING EXPERIENCE

Open Pit

Mining One personnel have completed extensive mining work on many of Australia's open pits including Prominent Hill, KCGM, Savage River and St Ives as well as several overseas open pits including Rio Tinto Minera (Peru) and Tarkwa Gold Mine (Ghana) and some open cut coal mines (Anglo Coal, Capcoal and Thiess, Oaky Creek Coal)

Some of the mine engineering work completed by personnel at Mining One includes the following Australian open pits:

- Prominent Hill, Oxiana Limited - Mine planning, scheduling systems review and mine operations review Conceptual mine optimisation study.
- KCGM Open Pits, Kalgoorlie Consolidated gold mines - Life of Mine physicals scheduling and budget preparation, Talpac (Truck Simulation) calibration and modelling, Xpac (Mine Scheduling) modelling operation, Mine Design, Drill and Blast and Scheduling.
- Savage River mine, Australian Bulk Minerals - Mine planning and scheduling systems review.
- Barrick Gold Australia - Mine valuation modelling, Whittle optimisations, corporate budgeting and planning.
- St. Ives gold mine, Gold Fields Australia – Whittle optimisations, mine design, rReserve & resource generation and reporting, general mine planning, planning and scheduling system implementation.
- South Walker Creek, Thiess - Design and implemented dragline plans, dozer push plans, pre-strip dig and dump plans and drill blasting plans. Short and medium term planning for overburden movement. End of month, total strip waste reconciliations. Short term planning for drill and blasting.
- CBH Resources, Endeavor - Whittle optimisation/Mine 2-4D, profit analysis.
- Mount Morgans, Range River Gold – Reserve and resources, Whittle Optimisation, mine design and scheduling.
- Tarkwa gold mine, Gold Fields Ghana – Whittle optimisations, mine design, reserve and resource generation and reporting, Xpac (mine scheduling) and modelling, Talpac (Truck Simulation) Calibration, Xeras (mine financial modelling).

International Experience

➤ **Minera Gold Fields, Rio Tinto Peru**

➤ **La Granja Project Pre-feasibility Study**

Design and implementation of an 800m underground exploration adit and associated infrastructure. (\$49M), evaluation of mining tenders, mine planning and mining aspects of the pre-feasibility study, reserve derivation, planning and technical support of the exploration audit, including mining and surveying.

➤ **Cerro Corona Project - Implementation of Mining Operations**

Responsible for the collation and development of mining costs and all mining aspects associated with the feasibility study, evaluation of mining tenders, reserve derivation. Developed management systems, processes, policies and recruiting resources to meet the short and long term mining demands.

➤ **Tarkwa Gold Mine, Gold Fields Ghana**

Management and supervision responsible for seven officials and twenty five staff. Survey, short and long term planning. Life mine planning/reserve derivation. Strategic/corporate planning capital requirements for short and medium term.

➤ **KPC, Indonesia**

Site visit and review following a major spoil dump failure. Follow up analysis and design.

Recent Experience

➤ **Oaky Creek Coal, Thiess** - Design and implement drill and blasting plans, subcontractor management.

➤ **Capcoal, Anglo Coal** - Truck/shovel engineer, designing dig plans for two RH340 machines and an EX2500, ensuring the plans are followed, and monitoring performance.

➤ **McArthur Coal, Coppabella coal mine** - Technical support provided to mine including dragline, shovel and general design and scheduling.