

2003 PROJECTS

- **LionOre Australia** - Various scoping & Pre-feasibility studies.
- **Granny Smith Underground (Placer Dome Asia Pacific)** - Construction Management.
- **Sally Mallay (Macquarie Bank)** Review and Bankable feasibility.
- **Hawkins St Golf Course Rehabilitation – (City of Kalgoorlie Boulder)** - feasibility and costing.
- **Cawse Shutdown (OMG Cawse)** - Shutdown supervision
- **Cawse Shutdown (OMG Cawse)** - Civil Works and Precast concrete acid bund.
- **Rail Cars (Portman)** - Rail Car inspection and electronic triggering.
- **Compressor Station Upgrades (KCGM)** - Detailed drafting.
- **Blair Underground Project (Australian Mines Limited)** - Bankable feasibility.
- **Hornet Rubicon Pegasus** - Scoping study.
- **Black Swan (MPI Mines)** - Project management of the Black swan Ventilation Improvements.
- **Endowment Block (City of Kalgoorlie Boulder)** - Structural inspection and termite treatment.
- **Kanowna Belle Civil Works Upgrade (Placer Dome Asia Pacific)** - Design and project management.
- **Mt Charlotte Lookout (National Trust)** - Construction
- **Paddington Acacia Reactor Installation (Placer Dome Asia Pacific)** - Design and project management.
- **Paddington Acacia Reactor Installation (Placer Dome Asia Pacific)** - Design and Project management of Gold room upgrade.
- **Extension of Roads to Boomerang Crescent (Department of housing and works)** - Engineering projects services.
- **SMM02 workshop office and Cribroom (WMM, KNS)** - Design and drafting.
- Energy management studies for WMC SIG.
- **Detailed Load flow studies for WMC, SIG, LionOre and others**
- Detailed design of electrical infrastructure, HV system, plant, P&ID's, diesel power station conceptual design, U/G mine distribution system for LionOre Nickel Australia.
- 3.3kV and 415 VAC distribution system fault system study for Worsley Alumina.

- Transient stability studies conducted for Worsley Alumina, WMC SIG mineral processing plant.
- Tender, technical specifications and contract management for LionOre Nickel, Emily Ann Mine project.
- Tender preparation and evaluation for HV and communications system at WMC SIG.

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- **Thunderbox Gold Project (LionOre Gold Australia)** - Project management of treatment plant and infrastructure.
- **Thunderbox Gold project (LionOre Gold Australia)** - Design of Airstrip and mine access roads.
- **Chinese Garden (Australian Prospectors & Miners Hall of Fame)** - Engineering Design.
- **O'Connor Local Business Center Subdivision (City of Kalgoorlie Boulder)** - Engineering project management.
- **Kalgoorlie & Boulder streetscape upgrade (Bovis Lend Lease)** - Civil design of Cassidy St, St Barbara Square.
- **Cosmos Skid Mounted Tank & Pumping station (Sir Samuel Mines)** - Engineering design.
- **Leonora CBD Upgrade (shire of Leonora)** - Drafting of roadwork layouts.
- **KCGM Primary Crusher (Pac-Rim)** - Drafting of existing primary crushing plant.
- Energy management studies for New Hampton Goldfields Jubilee.



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- **Rebel Road (Australian Prospector and Miners Hall of Fame)** - Design.
- **Australian Prospectors & Miners Hall of Fame** - Client representative for construction workers.
- **Emily Ann Mine (LionOre Nickel Australia)** - Plant construction project managers.
- **Emily Ann Mine (LionOre Nickel Australia)** - Drafting of site layout plan
- **Emily Ann Mine (LionOre Nickel Australia)** - Site installation maintenance.
- **Saint Ives Heap Leach Project Conveyor Modification and dust suppression (WMC St Ives)** - Engineering design and drafting.
- **Windy Hill Campsite (LionOre Nickel Australia)** - Relocation and renovation of accommodation units.
- **Underground pumping station Emily Ann (LionOre Nickel Australia)** - Engineering design and drafting.
- **Refuge Chambers (Kanowna Belle Gold Mine)** - Maintenance.
- **Dewatering Canal Saint Ives Gold Mine (WMC STGM)** - Engineering design.

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- **Gatacre Dual Carriageway Upgrade (GHD)** Engineering design drafting.
- **Fine Ore Bin (Jubilee/New Hampton)** - Modification and upgrade.
- **Underground vent doors (Kanowna Belle Gold Mine)** - Design and installation.
- **Underground refueling bay (Kanowna Belle Gold Mine)** - Design and installation.
- **Shed in Wilson St (City of Kalgoorlie Boulder)** - Removal.
- **Advertising Signage (Visual Impact)** - Engineering Design and certification.
- **Existing IT workbaskets (Force Equipment)** - Engineering design.

Past Major projects before 2000

- **St Ives Gold Mine Leviathan Open Pit Infrastructure Development (WMC Resources)** Project management.
- **Central Norseman Gold Corporation** - Development (in cooperation with WMC) of the TMU 200 stopping method and development of the Hama TUM 200/240 drilling rig.
- **Underground Refueling & Service Truck (Kanowna Belle Gold Mine)** - Design and manufacture.

