

Resume Mark Gell

Mine Establishment and Operations Management

Experience

- Total of 35 years of experience in the mining industry including
- 2019 to present - GDL Contract Consulting
 - Newcrest Mining
 - Project Management of Havieron box-cut development
 - Fenix Resources
 - DMIRS Project Management Plan approval
 - Gold Tiger Resources
 - Mine Development Management for Credo Gold Project
 - Hawthorn Resources
 - Alternate Registered and Quarry Manager
 - Development of Ground Control Management Plans and Procedures
- March 2018 – Feb 2019 Artemis Resources
 - Operational Readiness Manager responsible for Approvals and Systems Development to enable the refurbishment and recommissioning of the Radio Hill nickel operations, with the addition of a gold processing circuit, as well as satellite Gold, Nickel, Copper, Zinc and Cobalt Mines.
 - Approvals – Safety, Radiation and Environmental approvals with DWER and DMIRS. Haulage approval with local shire and MRWA.
 - Systems development – Safety, Radiation and Environmental Systems and Procedures.
 - Design and Development – Mine sites, Tails Storage Facility (TSF), surface water capture system.
 - Mine Development – Optimisation and pit shell determination, Mine design, planning and scheduling, Geotechnical and Hydrological analysis.
 - Radiation Safety Officer – Fixed Gauges
- March 2017 – Jan 2018 Tawana Resources
 - Development Manager responsible for Operational Readiness of the Bald Hill Lithium and Tantalum project, where a new 1.2Mt/yr. Lithium (DMS) processing plant was constructed along with all the necessary site infrastructure and the existing tantalum processing plant was upgraded.
 - Organisational – Developed site structure/rosters and employee numbers, accountability areas and position descriptions, recruited senior positions.
 - Mine Development – Optimisation and pit shell determination, Mine design, planning and scheduling, Geotechnical and Hydrological analysis.
 - Budgeting – Developed initial site Capital and Operations budget.
 - Approvals – Safety, Radiation and Environmental approvals with DER and DMIRS, Port access agreement and Environmental export licence, Haulage approval with local shire and MRWA.

- Systems development – Safety, Radiation and Environmental Systems and Procedures.
 - Design and Development – Non-process infrastructure, including Tails Storage Facility (TSF), Camp, Roads, Process water.
 - Owner's Representative – for Lithium Processing Plant design and construction.
 - Contracts – Writing, review and award of Mining and Drill and Blast, Crushing, Road Haulage and Ship Loading, Survey and Mine planning software, Shipper's agent contracts.
 - Liaison – Local government, land owner, Neighbouring operations.
 - Tenement – Application for new leases.
- August 2015 – March 2017 **Alliance Mineral Assets**
 - Registered Manager for the Bald Hill Tantalum Mine and Concentrator and the Boulder Beneficiation Plant. Responsible for all aspects of recommissioning the Mine, Concentrator and the Beneficiation Plant.
 - Approvals- Successfully obtaining Safety, Radiation and Environmental statutory approvals.
 - Safety – Developing, implementing and managing the companies Safety Management System.
 - Radiation – Registrant for site, developing, implementing and managing the sites Radiation Management System.
 - Environment – developing, implementing and managing the companies Environmental Management System
 - Finance –developing, implementing and managing the company's code of accounts, budgets and cost control system.
 - Commercial – Write, award and manage mine site tenders for contract works.
 - Mining and Geology– manage mine design, planning and scheduling, grade control and contract mining.
 - Maintenance- developing, implementing and managing the sites maintenance strategies.
 - Processing – establishing, commissioning and managing the mine site Concentrator which includes Crushing, Screening, Spiralling, Wilfrey tables and Laboratory facilities including XRF.
 - Metallurgy - developing, implementing and managing plant measuring, monitoring and reporting including metallurgical accounting.
 - Beneficiation – establishing, commissioning and managing the Beneficiation Plant which includes Screening, Magnetic Separation, and Dry Tabling.
 - Administration - developing, implementing and managing site administration including accommodation facilities.
 - Stores and logistics- developing, implementing and managing site logistics and stores and their systems.
 - HR & IR– developing, implementing and managing HR policies and procedures including recruitment.
 - Community consultation- lead consultation with local landowners and government agencies.
 - Exploration – Oversee exploration activities and tenement management.
 - Marketing – engage with customers to ensure quality specifications are achieved.
- October 2013 – July 2015 **Cliffs Natural Resources**
 - General Manager Operations and the Statutory Registered Manager role for the Koolyanobbing Iron Ore Operations. Responsible for all operations of 3 Mining hubs consisting of 8 mines, 100km of road train haulage, 11mt/yr ore handling Plant, Rail and the Esperance port facilities including.
 - Safety – Introduced a Safety Management System, including a Life Savers program that saw a 33% reduction in TRIFR.
 - Environment – Continued improvement in site performance with no environmental non compliances, and 50% reduction in spills on site.

- Costs and Budgets – achieved 226% improvement in productivity, and 55% decrease in cash costs of goods sold.
 - Mining – All plans achieved with a \$6/t reduction in mining costs.
 - Maintenance- A new maintenance strategy was introduced which resulted in immediate \$14m cost reduction, with greater ongoing long term benefits.
 - Haulage – Record road train haulage tonnage with substantial operating cost improvement, eliminated the need to purchase 4 new road trains saving \$8m.
 - Processing – Crushed and screened a record tonnage at below budget costs.
 - Administration – All administration to run operations including 2,000 rooms over 2 villages and 2 airstrips. Gained over \$1m in efficiencies in this area.
 - Rail – railed a record tonnage, over a railway that was supposedly at maximum capacity, while achieving cost efficiencies.
 - Port – Record shipping tonnages with 100% of cargos within all customer specifications.
 - Member of the Australian Pacific Iron Ore leadership team, involved in strategic decision making for the whole Australian operations.
- May 2010 – August 2013 Karara Mining Pty Ltd
 - General Manager Operations for Karara Iron Ore Project. Responsible for all aspects of planning, system implementation, recruiting, resourcing and establishing the fully operational Mine site, Rail and Port. Responsibility includes:
 - Mining – Establishing from the ground up two mining operations. A 2mt/yr Hematite mining crushing and haulage, and a 30mt/yr Magnetite mining.
 - Safety – Registered Manager and Quarry Manager for site with establishment of full safety systems and procedures for site.
 - Processing – Over see recruitment and resourcing of senior processing plant team.
 - Rail – developing rail team and systems and obtaining rail certification. Develop and manage rail loading, train operations, train control and railway maintenance.
 - Port – establishing an operation port team including systems, process and contracts.
 - Site services- Site infrastructure planning and development.
 - Exploration- Oversee Karara exploration and involvement in project development.
 - Community Engagement. – Extensive consultation with local shires, government agencies and local businesses.
 - Member of Karara Executive Management team, involved in strategic decision making and presenting to board working committees.
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- October 2009 –May 2010 Cape Lambert lady Annie Exploration Pty Ltd (Cape Lambert Iron Ore)
 - General Manager Operations with responsibilities as the Senior Site Executive of Lady Annie Copper Operations in NW Queensland, recommissioning the mothballed copper mine and plant and to double mine reserves within twelve months through regional exploration:
 - Environment Health and Safety – Safety Management and Environmental approvals.
 - Administration, Accounts and Accounting, Stores and Logistics, IT ect.
 - Contracts - Re-establishing contracts and develop Mining contract.
 - Human Relations and Industrial Relations - Employment contracts and recruiting.
 - Community Relations and Government Relations. – Landowner and stakeholder meetings and presentations
 - Native Title and Indigenous Relations – Agreements and management plans, employment opportunities.
 - Process Plant - Recommissioning Crushing, Stacking, Heap Leach, Solvent Extraction and Electroplate Wining.
 - Mine Planning - LOM planning scheduling, drill and blast design.
 - Mine geology - Grade control, Reconciliations, and Resources.

- Process Engineering and Metallurgy – leach test work ect.
 - Business Improvement –Planning, Budgeting and Continues Improvement
 - Exploration – Near mine and regional, Native title and approvals
 - Engineering and Maintenance – Plant upgrades and improvements
 - IPO – Help prepare for Float of Q Copper.
- July 2006 – August 2009 Kemerton Silica Sand Pty Ltd
 - General Manager Managing the Australian Operations which involved the production (dredging) and exporting of Silica Sand to overseas designations such as Japan. Responsibilities include:
 - Reporting and presentations to the Board and shareholders.
 - Continues improvement. -Restructuring the organisation.
 - Developing new products and markets.
 - Negotiation of long term contracts.
 - Dealing with the Local, State and Federal Governments.
 - Lobbying and raising company awareness with State Government Ministers.
 - Company spokes person to the media
 - Local marketing and sales.
 - Project approvals (Public Environmental Review PER)
 - Run operations – Safety, Environment, Mining, Processing, Laboratory, road haulage and Shipping.
- December 2003 –February 2006 Iluka Resources Limited (Mineral Sands)
 - Various positions including
 - Project Manage
 - Senior Mining Engineer WA Planning
 - Senior Mining Engineer SW Operations
 - Technical Services Superintendent (Acting)
 - Senior Mining Engineer (Projects)
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- October 97 – July 2000 Alcoa
 - Mine Planning Engineer (Willowdale Bauxite Mine)
 - Pit Superintendent (Hedges Gold Mine)
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- Sept 85 - October 97 **Argyle Diamonds**
 - Various Supervisory, Technical Services and Operations roles

Qualifications

- Masters in Business Administration 1996 (Deakin University, Geelong Victoria).
- Post Graduate diploma in Management 1995 (Deakin University, Geelong Victoria).
- Bachelor of Applied Science (Mining Engineering) 1991 (Curtin University, WA).
- Unrestricted Quarry Managers ticket (W.A)
- S1,S2,S3 QLD Senior Site Executive (SSE)
- Certificate V Project Management.
- Certificate IV Frontline Management.
- Radiation Licence – Radioactive Ores and X-ray

Affiliations

- Past Chair of Mid West Resource Council (W.A. Chamber of Minerals and Energy).
- Past Alternate Executive council member WA Chamber of Minerals and Energy
- The Australian Institute of Mining and Metallurgy.
- The American Institute of Mining Metallurgy and Exploration.

Capabilities

- Specialist in transiting projects from design to fully operational Mines, Processing Plants, Port and Railway, as well as restarting mothballed operations; and

- reforming existing mining operations by improving; safety and environmental systems, Cost reductions through productivity and efficiency improvements, Environment and Rehabilitation performance, and Community acceptance.
- Reputation for safe, environmentally compliant and on budget project delivery.
- Practical, operations experience leads to out of the box thinking and innovative solutions.
- Develop and lead competent project delivery teams.
- Extensive Operational and Project delivery experience blends so the delivered mine/plant is fit for purpose.

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