

BACKGROUND

Barry has 20 years experience in project management and infrastructure development, with a successful track record in meeting project deadlines, maintaining and directing the focus of stakeholders in critical issues, and consistently achieving significant cost reductions.

He has developed the necessary communication, leadership and interpersonal skills, and has a proven ability in gaining the co-operation of, and focusing the direction of groups of disparate people from government, companies, joint venture partners and industry bodies.

Barry completed a Postgraduate Diploma of Applied Economics followed by a Master of Economics by Research in 2002. The focus for both degrees was applying cost-benefit and cost-effectiveness techniques to resource management and becoming conversant with the latest thinking on risk analysis and sustainable development.



QUALIFICATIONS

2002	Master of Economics, University of Queensland
1981	Graduated B. Economics, University of Queensland
1965 – 1968	B.E. Mining, University of Queensland
1976	Mine Manager's Certificate of Competency, South Africa
1973	First Class Mine Manager's Certificate, Queensland
1969	Surveyor, Engineering (Military)
1961 – 1964	Brisbane Boys College, Vice Captain 1964

ASSOCIATIONS

- ▶ Member, Australasian Institute of Mining and Metallurgy (M.AusIMM)
- ▶ Member, The Institute of Engineers (MIE Aust)
- ▶ Registered Professional Engineers (Qld) (RPEQ)

PAPERS

2003	Sustainable Cost-effective Mined Land Rehabilitation, Brisbane
2003	Cost-Effective Rehabilitation of Mined Land, Rockhampton
2003	Moving coal by rail in Queensland -objectives, challenges and benefits, Sydney
2002	Risk Assessment Approach to Open Cut Coal Mine Spoil Rehabilitation, joint author
2000	System Efficiency and the Impact of Competition Policy and Multiple Train Operators on a Queensland Coal Haul System, Sydney
1996	Infrastructure and Commitment: Keys for Increasing Coal Exports from Queensland, Coaltrans Madrid
1996	Competition Law and the Access Regime - Will Miners Benefit, Gold Coast
1994	Corporatisation of Government owned Enterprises and its Impact on Mining, Gold Coast - Keynote speaker
1993	Project Controls for Large Mining Projects - The Client's Perspective, Adelaide
1980	Stacking and Reclaiming Facilities at South Blackwater Coal Mine, Queensland, Queenstown
1980	Design and Evaluation of the Water Management System for the Drayton Open-Cut Coal Mine - joint author
1975	Off Highway Truck Tyres - Rockhampton

CAREER DETAILS

1999 – Present **PROMETHEAN PLANNING PTY LTD**
Director

Consultant to industry and government in the fields of

- ▶ rail, property, power and water infrastructure
- ▶ project management, scheduling and planning for major projects
- ▶ project evaluation economics
- ▶ environmental economics

1999 – 2001

**MASTER OF ECONOMICS
University of Queensland**

Undertook a thesis entitled "Cost Effective Rehabilitation of Mined Land in the Strip Coal Mines of Queensland". The research was carried out jointly with the Australian Coal Association Research Program (ACARP) project C8039 entitled "Risk Management Strategies for the Surrender of Open Cut Dragline Spoil Pile Areas".

The research required gaining support from and organising and facilitating workshops with key stakeholders from the mining industry, government agencies and the community. This required becoming familiar with and using techniques developed for community surveys such as focus groups and citizens juries. The thesis was submitted for examination in January 2002 and awarded in August 2002.

1981 – 1999

1993 – 1999

**ARCO COAL AUSTRALIA
Manager, Infrastructure****Job Responsibilities**

- ▶ Reduce infrastructure costs, which were in excess of 30% of total coal delivery cost.
- ▶ Establish a strategy for reducing infrastructure (rail, port, power and water) charges.
- ▶ Develop an action plan incorporating the agreed strategy.
- ▶ Initiate negotiations with both State and Federal agencies to achieve the strategy.
- ▶ Unite the industry behind a program to reduce Infrastructure costs.

Major Achievements

- ▶ Achieved a reduction of over \$30 million in rail haulage costs of coal.
- ▶ Reduced power costs by 30%.
- ▶ Significant port cost reductions.
- ▶ Successfully united the mining industry to fight for reductions in infrastructure costs.
- ▶ Gained support for a Joint Advisory Group study and tour of World's Class 1 railroads.

1988 – 1993

Manager, Project Controls, Gordonstone Colliery Construction**Job Responsibilities**

- ▶ Create a Project Controls system to track the \$600 million project.
- ▶ Develop the project budget.
- ▶ Ensure that both management and the Joint Venture partners knew at all times the cost and schedule for the project.

Major Achievements

- ▶ Received commendation that the Project Controls were the best of any ARCO project.
- ▶ Kept the cost of project controls below half the accepted industry norm for similar projects.
- ▶ Designed innovative project management controls enabling management to make timely decisions relating to cost and schedule for the project.

1983 – 1988

Manager Contracts**Job Responsibilities**

- ▶ Prepare a report recommending the best structure of the coal marketing group.
- ▶ Manage domestic coal contracts.
- ▶ Delivery of the coal to customers at the contracted quality.

Major Achievements

- ▶ The recommended structure of the marketing group was implemented.
- ▶ Conceived, developed and successfully implemented the coal delivery system which helped ensure a consistently high standard of contract compliance.

1981 – 1983**Senior Project Engineer, Off-Sites Curragh Coal Mine Construction****Job Responsibilities**

- ▶ Arrange and approve the design award, and supervise the contracts for all Off-Sites work, including the mine access road, road over rail bridges, water lines, the township and the construction and landscaping of approximately 260 houses. Total contract values \$45 million.

Major Achievements

- ▶ Completed the Off-Sites work on time which was a real challenge during the coal mine development boom of the early 1980's.

1977 – 1981**THEISS BROS PTY LTD
Civil Engineer****Job Responsibilities**

- ▶ Contract design and preparation.
- ▶ Administration of civil engineering contracts for the South Blackwater Mine expansion.

Major Achievements

- ▶ Introduced innovative cost saving in design of heavy haul roads using local materials and good drainage.
- ▶ Introduced competitive effective civil engineering contracting procedures.

1975 – 1977**RAND MINES, HARMONY, ORANGE FREE STATE
Underground Manager**

- ▶ Nine months familiarisation with South African gold mining techniques as a Miner, Shift Boss and Mine Captain. Eleven months working as Technical Assistant to the Director of the Chrome Division.

**1971 – 1975
1973 – 1975****PEKO WALLSEND LTD - MT MORGAN, QUEENSLAND
Senior Mining Engineer**

- ▶ Acted as Mine Manager in his absence.
- ▶ Supervised projects within the mine, including revegetation of the mine dumps.

1971 – 1973**Project Engineer**

- ▶ Planned and supervised general construction in the mine, including roads, tailings dams, water storage dams, pumping installations and shaft maintenance.
- ▶ Seconded to Warrego and Mount Isa mines for one year as a miner, shaft sinking and development mining respectively.

Curriculum vitae

BARRY GOLDING

1969 - 1971

ARMY - NATIONAL SERVICE (Two Years)

Vietnam (One Year)

1969

MT MORGAN Ltd, QUEENSLAND
Grade Control Engineer

Responsible for the introduction of a grade control based on percussion drill cuttings.

1965 – 1968

VACATION PRACTICE

Dawson Valley Colliery, Mount Morgan Mine and Orlando Mine (NT)