

JOHN ABRAHAM
PRINCIPAL

QUALIFICATIONS

- ▶ BE (Mech) QIT

PROFESSIONAL AFFILIATIONS

- ▶ Member of the Institution of Engineers Australia
- ▶ Member of the Project Management Institute



PROFESSIONAL BACKGROUND & EXPERIENCE

John brings experience in project delivery having executed a number of lump sum turn-key (LSTK) contracts in the resources sector. He has extensive experience in project delivery and study management across a broad range of resource and industrial areas including CSG, coal, nickel, cobalt and alumina to malt and sugar. His expertise includes project management, project engineering, procurement, plus engineering and construction management.

John's roles have included principal contractor's project manager and project engineering roles and acting as part of the owner's team through project manager and project engineering / management in major engineering houses. During various roles he has undertaken mentoring of graduates engaged on his projects.

Examples of projects utilising John's broad capabilities include:

- ▶ **Blackwater CHPP Project, Laing O'Rourke:** Design and construction management for a new facility built to replace the exiting 3 plants on the BMA Blackwater site. The design and construct project covered the complete plant from ROM through preparation plant, stockpiles and train loading;
- ▶ **Bayswater Coal Train Loading, Barclay Mowlem:** Project manager for the LSTK project for the rail loop bulk earthworks, roads, stockpile, materials handling and train load out facility for Bayswater Coal.
- ▶ **Stacker Reclaimer – Dartbrook Coal, Barclay Mowlem:** Project manager for the LSTK contracts for a circular stacker-reclaimer and a portal reclaimer at Dartbrook Coal (Shell);
- ▶ **Balance of Plant – Silangan Project, AECOM:** As area manager, John has had responsibility for the surface infrastructure, tailings facility, mine waste handling options and project port facilities associated with the feasibility study for an underground copper gold mine in the Philippines.

SPECIFIC PROJECT EXPERIENCE

Resources

- ▶ **Procedures and Estimate Reviews – Concept Development Team, GLNG:** Provide project delivery support for the gas supply concept development team in preparing plans, procedures and tools for the execution of the concept phase for a suite of projects. John also supported the team in undertaking the internal peer review of capital cost estimates prepared for several sub-projects.
- ▶ **Blackwater CHPP Project, Laing O'Rourke:** Design and construction management for a new facility built to replace the exiting 3 plants on the BMA Blackwater site. The design and construct project covered the complete plant from ROM through preparation plant, stockpiles and train loading;
- ▶ **Bayswater Coal Train Loading, Barclay Mowlem:** Project manager for the LSTK project for the bulk earthworks, rail loop, roads, stockpile, materials handling and train load out facility for Bayswater Coal. This included the construction of the rail loop including earthworks and bridges. This facility is now used for outloading from Mt Arthur North mine;
- ▶ **Stacker Reclaimer – Dartbrook Coal, Barclay Mowlem:** Project manager for the LSTK contracts for a circular stacker-reclaimer and a portal reclaimer at Dartbrook Coal (Shell)
- ▶ **Balance of Plant – Silangan Project, AECOM:** As area manager, John has had responsibility for the surface infrastructure, tailings facility and port associated with the feasibility study for an underground copper gold mine in the Philippines.
- ▶ **FEL2 Study – Vale Australia, AECOM:** John was engaged as the study manager to do a revised FEL2 study on an underground coal project for Vale.
- ▶ **Xstrata Coal - United Collieries Feasibility Study, AECOM:** Study manager for the infrastructure element of the United Collieries feasibility study. The study included bulk earthworks, MIA, dams, diversions and coal loading.
- ▶ **Peer Review, Xstrata Copper:** Member of the peer review team on a pre-feasibility study for Xstrata Copper;
- ▶ **Australian Solomons Gold:** Finalise and review the owners costs during the final feasibility study for the mine redevelopment;
- ▶ **Az Zabirah Alumina Project, SNC-Lavalin:** Study manager for the engineering, packaging, estimate and execution strategy for a new bauxite mine and alumina refinery in Saudi Arabia;
- ▶ **Alcan Gove 3rd Stage Expansion, Alcan:** Engineering management during the definitive feasibility study for the white side process areas including bauxite handling, precipitation,

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filtration and calcination areas. The project execution plan utilised large-scale off-shore preassembled modules.

- ▶ **Geovic Cameroon Nickel Cobalt Study, Roberts & Schaefer:** Study Manager for a joint venture to complete a process optimisation, front end engineering and estimate for a proposed cobalt, nickel and manganese mine and plant in Cameroon;
- ▶ **Olympic Dam Tails Leach, Built Environs:** For this lump sum construction project John prepared and implemented the project close-out plan including managing the client and EPCM interfaces;
- ▶ **BHPBIO Yandi RGP5 Expansion, Laing O'Rourke:** Implement design management procedures for the design development, design reviews and progress monitoring for a LSTK design and construct project;
- ▶ **Coal Handling Plant (Solid Energy), Roberts & Schaefer:** Feasibility study manager for a coal plant for Solid Energy in New Zealand.
- ▶ **Oil Sands Pilot Plant, Roberts & Schaefer:** Study management for the design of a containerised oil sands pilot plant project being executed in North America; and

Infrastructure Projects

- ▶ **Olympic Dam Expansion, Maunsell AECOM:** Provided estimating support for the infrastructure elements of the project covering port options selection study, rail and road transport options; and
- ▶ **Hay Point Offshore Shutdowns, BMA:** Schedule development and management for BMA during berth shutdowns for fender replacements and cyclone recovery works. This included review and enhancement of contractor schedules and integrating these into the overall shutdown schedule.

Industrial

- ▶ **BBM Malting Plant (Pinkenba), Built Environs:** Design management including the development and implementation of progress tracking and design procedures to complete the design phase for the project. This involved a significant interface with the Owner's representative to address outstanding design issues. The design co-ordination was across numerous design houses across several Australian States
- ▶ **Mackay Sugar Refinery Balance of Plant, Mackay Sugar:** Project engineering and contract management for the brownfields work associated with the construction and commissioning of the balance of plant works for the Mackay Sugar Refinery.
- ▶ **CSR Plane Creek, Barclay Mowlem:** Project manager for the raw sugar unloading and initial processing for a high-grade sugar product. This was a lump sum turn key project delivered within time and under budget.

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ORGANISATIONAL ROLES

- ▶ Project Management
- ▶ Study Manager
- ▶ Bid Manager
- ▶ Procurement
- ▶ Construction Manager
- ▶ Engineering Manager
- ▶ Planning
- ▶ Project Engineering (home office and field)