



## Mining & Resources

**Genesis Engineering** is an ethical and service oriented Consulting Engineering Company with low overheads. This enables us to deliver responsive, cost effective, high quality, and personalized services.

With offices in Cairns and PNG, we have extensive experience providing Consulting Engineering services to Mining and Resource sectors in remote locations including:

- Queensland
- Papua New Guinea
- Bougainville island
- Asia Pacific regions



*Construction of dam, PNG*

### Experience:

Investigation, Design and Project Management of Civil and Structural Infrastructure including:

- Slope stability and bulk earthworks
- Drill rig sites and foundations
- Supply bases & accommodation villages
- Mine access roads and haul roads
- Laydown areas and helicopter facilities
- Airports, sea ports, barge landings
- Wharves and sheet pile walls
- Stormwater drainage
- Water supply, storage, distribution
- Sewage collection, treatment, disposal



*Conveyor Infrastructure, PNG*

### Capabilities:

- Investigation & Assessment
- Design & Documentation
- Project and Construction Management
- Tender Documentation
- Contract Administration
- Compliance Inspections
- Engineering Certification
- Project Engineer & Site Engineer
- Value Engineering

### Clients:

- Ok Tedi Mining Limited, PNG
- InterOil Corporation, PNG
- Barrick Gold - Porgera, PNG
- Marengo Mining - Yandera Mine, PNG
- Exxon Mobil – PNG
- BMA – Bowen Basin, Qld
- Rio Tinto, Bowen Basin, Qld
- ERA – Ranger, Northern Territory



*Mining Construction works, PNG*

### **Craig Waters**

*BEng, GradDip STT, LEng, FIEAust, RPEQ, CEng, NER, APEC Eng, IntPE(Aus), MIEPNG, RegEngPNG*

**Consulting Engineer / Project Manager**

**Australia** 0422 061 961  
**PNG** 7067 6409  
**a.** 113 O'Shea Esplanade, Cairns, 4878  
**e.** [craig@genesisengnq.com.au](mailto:craig@genesisengnq.com.au)  
**w.** [www.genesisengnq.com.au](http://www.genesisengnq.com.au)