



# MINE & PORT INFRASTRUCTURE

**ASPEC** is very experienced in port and mine infrastructure works including investigations and brownfield improvement and retrofit projects.

Typical services Include:

- Facility layout, concept and feasibility studies
- Design of mine and port facilities
- Design verification for marine and onshore facilities
- Vibration analysis and troubleshooting
- Cranes and lifting equipment investigation and replacement projects
- Ore car dumper inspection, performance improvements, life extension and replacement strategies
- Ship to shore access
- Berthing and Mooring Dolphin Upgrades
- Wharf load capacity and fatigue analysis checks
- Conveyor analysis, design and performance improvements
- Bin and silo design
- Structural integrity reviews and asset management plans



[www.aspec.com.au](http://www.aspec.com.au)

**Aspec Engineering Pty Ltd** ABN - 22 105 267