

2007 PROJECTS

Mechanical Engineering

- **BHPB Kambalda Nickel Concentrator** sample crushing system
- **BHPB Kalgoorlie Nickel Smelter** fuel tank redesign; hook, ladle, and bridle redesign
- **KCGM** tailings cyanide detoxification project
- **Gold Fields Australasia St Ives** heap leach plant expansion installation of Agglomeration drum and conveying system; cyclone underflow line upgrade; final tailings pumping and upgrade study
- **Gold Fields Australasia Agnew** stockpile and rill tower replacement study
- **Harmony Gold Jubilee Mine** plant structural audit and tailing line upgrade design
- **Saipen** lift study for laying pipes

Civil/Structural Engineering

- **Gold Fields Australasia Agnew** rill tower; stockpile cover; transfer yard civil works
- **BHPB Kambalda Nickel Concentrator** sample crusher tower
- **South Kal Mines** structural audit
- **Murray Black** workshop construction
- **Barrick Kanowna Bell** 10 Tonne crane support structure and structural certification
- **Various Clients** - Housing inspections and structural certifications

Mining Engineering

- **Birla Nifty** mine development
- **Birla Nifty** mining plant design

Electrical Engineering

- **BHPB Kambalda** Sample Crusher power supply and control system
- **BHPB Kalgoorlie Nickel Smelter** air compressor replacement

Drafting

- **Gold Fields Australasia St Ives** heap leach agglomeration drum; reclaim conveyor; electrical high voltage for Victory relocation; Cave Rocks haul road intersection; cyclone underflow upgrade

- **Gold Fields Australasia Agnew** rill tower protection structures
- **BHPB Kalgoorlie Nickel Smelter** hook, bridle, ladle assessment & redesign
- **BHPB Kalgoorlie Nickel Smelter** sampler crusher platform/tower
- **Various Clients** - Commercial and residential architectural drawings

Environmental Science Services

- **Various Clients** - ecological survey; environmental impact assessment and management; exploration environmental approvals; decommissioning and closure support; waste rock characterisation; clearing permits; contaminated site management
- Government and community consultation

Asset Management

- **BHPBIO** - FRCP10 (Lifting Operations Fatal Risk Control Protocol) consulting services
- **BHPB Nickel West** - LNO – plant and machinery integrity assessments/inspections
- **Barrick Various sites** - plant and machinery integrity assessments/inspections
- **Lion Ore Australia Black Swan** CMMS installation – maintenance consulting services
- **Gold Fields Australasia St Ives** maintenance consulting services – CMMS Optimisation
- **MacMahon** Underground maintenance consulting services – CMMS installation
- **Barmenco** plant and machinery integrity assessments /inspections – Countrywide service
- **Remet Engineers** drill rod design, manufacture, inspection and testing optimisation services
- **Various Clients** - standards and compliance management; third party design reviews; third party welding, manufacturing and fabrication inspection and testing services; NDT services; accident and incident investigations

