



QUEENSLAND NICKEL PTY LTD (QNI) - Yabulu Extension Project

LOCATION

Townsville, QLD

DURATION

Apr 2006 - Dec 2006

VALUE

\$3.2 million

MAN HOURS

26,000

Project Overview

Yabulu is Queensland Nickel's Refinery, located 24km north west of Townsville, North Queensland. Hatch Associates and Multiplex Engineering were appointed as the EPCM Contractor for Yabulu Extension Project (YEP) Joint Venture.

The YEP was designed to produce nickel and cobalt from mixed hydroxide precipitate (MHP), a new feedstock. This was sourced from a new mine and pressure acid leach plant in Queensland.

The project included the expansion of the metal refining section of the existing refinery to more than double the plant's nickel production capacity from 31,200tpa to an estimated 76,000tpa using the combined feedstocks of intermediate product shipped from BHP Billiton's Ravensthorpe mine and imported ore.

ECM was engaged for the plant wide 11kV installation.

Scope of Work

- Construction supervision.
- Testing and pre-commissioning services to provide an operational 11kV distribution system including twelve kiosk substations.
- Supply, installation and commissioning of all materials and labour for the complete installation.
- Installation of aluminium cable ladder, HV cables and earthing systems.
- Commissioning.