

# PROJECT PROFILE

## QMAG Yaamba Feasibility Study

Client:	Queensland Magnesia (QMAG)
Country:	Queensland, Australia
Scope:	Pre-Feasibility Study
Total Project Value:	\$12 million
Study Value:	\$150,000
Year Awarded:	2007
Status:	In Progress



### Features

- Yaamba is part of the Kunwarara deposit , one of the largest known low - iron cryptocrystalline magnesite deposits in the western world.
- Mobile in – pit mining
- Large haul distances to several plants.
- Test-Pit Trialling.



## Project Description

Queensland Magnesia Pty Ltd produces high grade calcined, dead burned and electro-fused magnesia for domestic and export markets.

Magnesite is mined at Kunwarara, 76 kilometres north of Rockhampton. Kunwarara ore reserves are considerable, and are anticipated to provide at least 20 years of future magnesia production. At Kunwarara the process plants beneficiate magnesite by crushing, washing, heavy media density separation and optical ore sorting. Beneficiated magnesite is trucked to the Parkhurst processing plant north of Rockhampton.

QMAG recently purchased a new resource at Yaamba. This resource has the potential to more than double the future life of QMAG's ore reserves and also to provide magnesite for processing into new products for markets currently not serviced by QMAG.

QMAG is currently in the process of completing an internal investigation on the behaviour of magnesite from the Yaamba resource. This investigation will include large scale trial pits and processing through the existing Kunwarara and Parkhurst processing plants.

Processing at Parkhurst will be through calcining, dead burn and electro-fusion.

Following from the internal investigations on the Yaamba ore, QMAG will determine the feasibility of installing a processing facility at Yaamba to initially process ROM ore at Yaamba for further processing at the existing Kunwarara facilities before final processing at the Parkhurst facility.

## Achievements

- TBA – Project delayed by recent wet weather in Rockhampton.

