Curragh Mine Today

- Substantial reserves – 94 million tonnes
- Low-ash, low volatile, hard coking coal
- 4.6 million tonnes exported annually
- Steam coal railed to domestic Power Stations
- 4 coal seams—Aries, Castor, Pollux and Pisces
- 280 Curragh employees
- 200+ contract employees
Summary of Operation

- Multi-seam with 16km strike length
- Multiple large walking draglines
- Support fleet of mobile mining equipment
- Experienced personnel
- Contractor usage
- Two stage coal washing Multi product mine
- Export through Gladstone Port
Safety - a “Core Value”

Lost Time Injury Frequency Rate

Curragh – part of Wesfarmers Energy
Area Geography
Major Stripping Unit - Dragline
Curragh Mine Plan
Coal Mining at Curragh
Coal Handling & Preparation Plant
CHPP Schematic

Curragh – part of Wesfarmers Energy
Gladstone Port

Curragh – part of Wesfarmers Energy
Environmental
Completed Rehabilitation

1992  1996

2000

Curragh – part of Wesfarmers Energy
Curragh North Resource

- Curragh lease to Curragh North lease = 7 km
- Deposit – 132 MT within mine plan area
- Aries, Castor and Pisces seams
- Thermal and export metallurgical coal
- Coal transportation distance 22 km
Curragh North – Development and Mining

- 3 pits - North, Central and South
- Mine Lease area 4,800 ha
- Disturbed area 3,000 ha
- Mining to commence at western edge
- 2 draglines from Curragh for overburden removal
- Truck and shovel pre-strip
- Coal conveyed to Curragh for processing and rail
Mining Methodology

Curragh – part of Wesfarmers Energy
Mining at Curragh North

- Contractor boxcut and pre-strip for first 4 to 5 years
- Curragh-owned excavators and haulers to mine coal
- Conveyor transport of coal to Curragh
- Existing Curragh infrastructure utilised for:
  - Coal handling and crushing
  - Coal processing
  - Stockpiling
  - Rail load-out
- Dragline relocations to CN in 2006 and 2007
Curragh North ROM Coal Transport

- Options considered:
  - Contractor road train
  - Unitised coal haulers
  - Conveyor

- Conveyor benefits:
  - Avoids extensive upgrade of existing handling system
  - Lowest NPC and cash operating costs
  - Lowest HSE operating risk
  - Sized for future growth
Coal Processing

CHPP Plant Feed → Raw Coal Distribution 2 Modules 4 Loops → Desliming Screens → Primary DMC → Secondary DMC

Coking coal Product → Steaming coal Product → Tailings

Capacity and yield upgrade for CN in September 2004

Reject

Curragh – part of Wesfarmers Energy
Curragh North Capital Cost

- Total Cost $290m
- Major elements:
  - Compensation
  - CHPP upgrade
  - Civil Infrastructure
  - Mobile equipment
  - Conveyor & coal handling
Curragh’s Competitive Attributes

- Safety
- Workforce Skills and Flexibility
- Environmental
- Selection and Use of Technologies
- Mining, Coal Processing, Maintenance and Risk Management Capability
- Management, Marketing and Sales Expertise