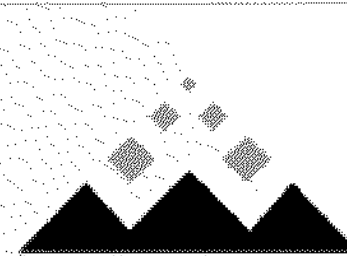


# Mount Gibson Iron

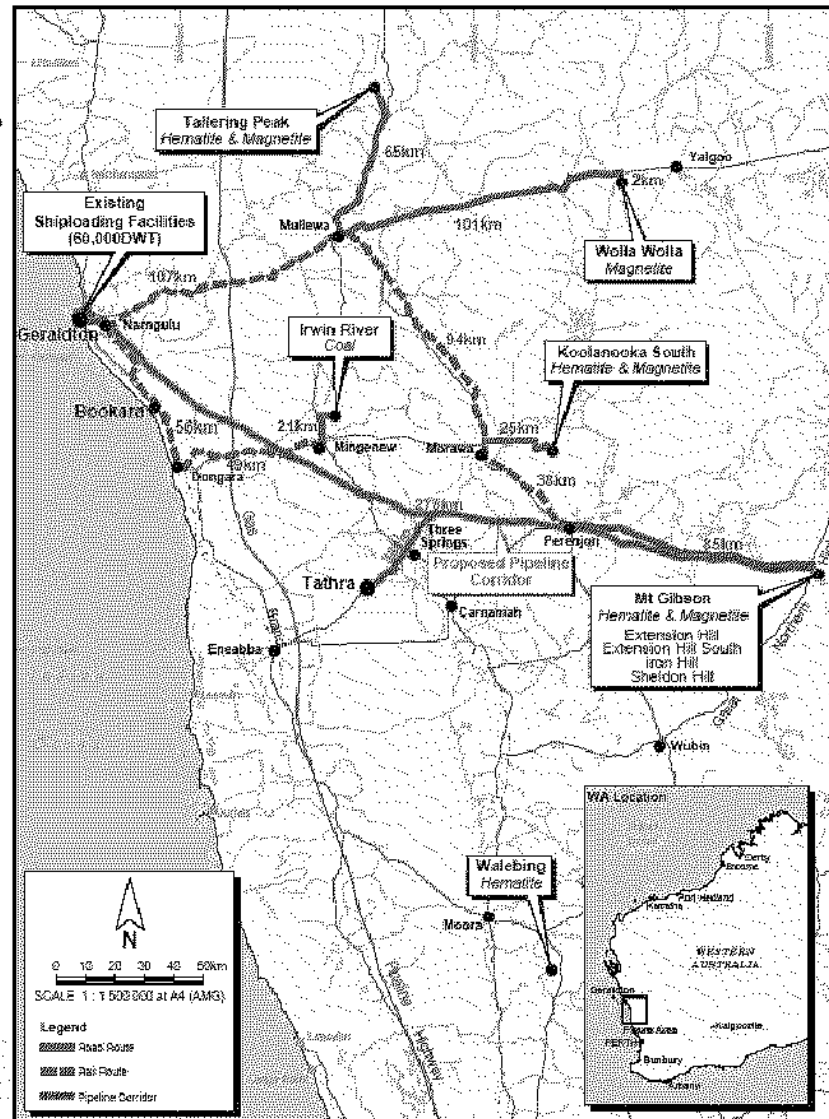


## Growth Through Initiative

Metals Bulletin November 2005



## Resources & Infrastructure



18/11/2005

# Overview

- Niche Australian iron ore producer
- Strong financial & operational performance
- Project development pipeline
- Accretive project strategy
- Alternate iron ore supplier to Asia



## Phased Growth

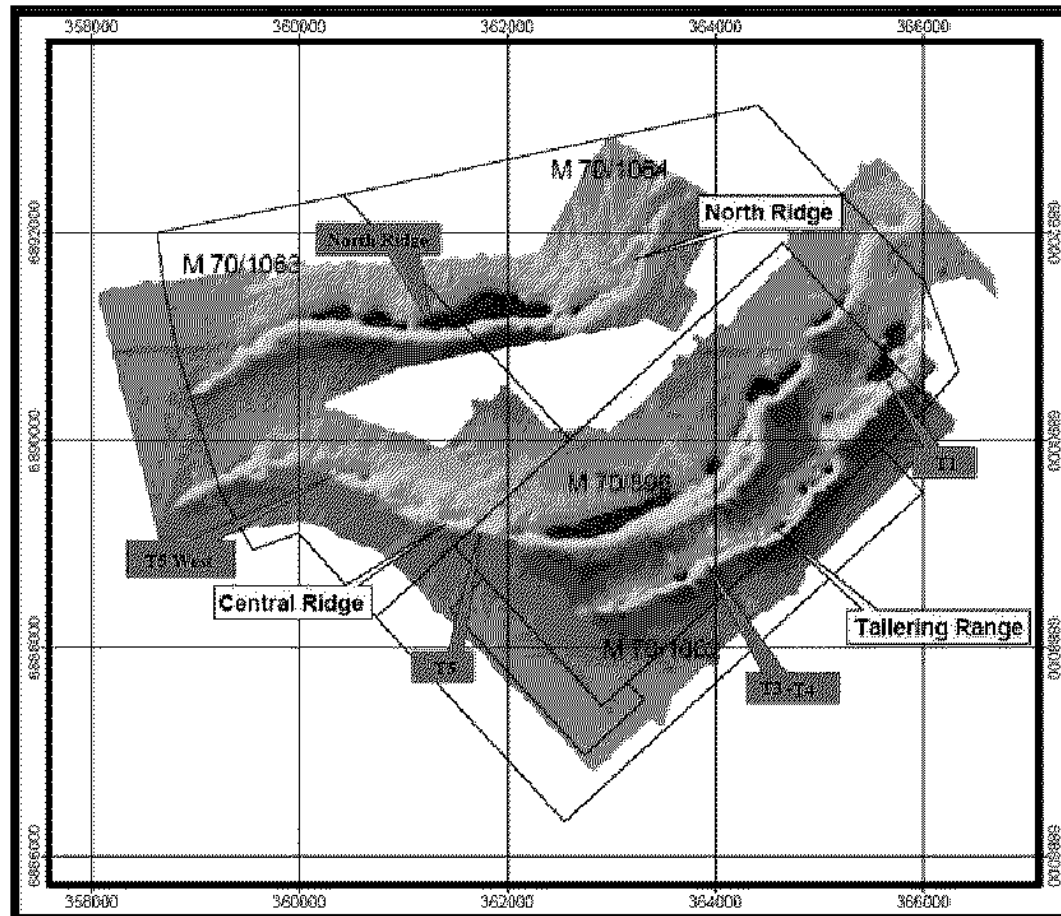
- Direct shipping grade hematite
- Magnetite concentrate & pellet production
- Metallised iron production

## Tallering Peak Mining Operations

- First hematite ore shipped Feb 2004
- 2004/05 - 1.84 million tonnes produced
- Current production 2.0 Mtpa
- Target production 3.0 Mtpa from mid 06
- Strong cash generator

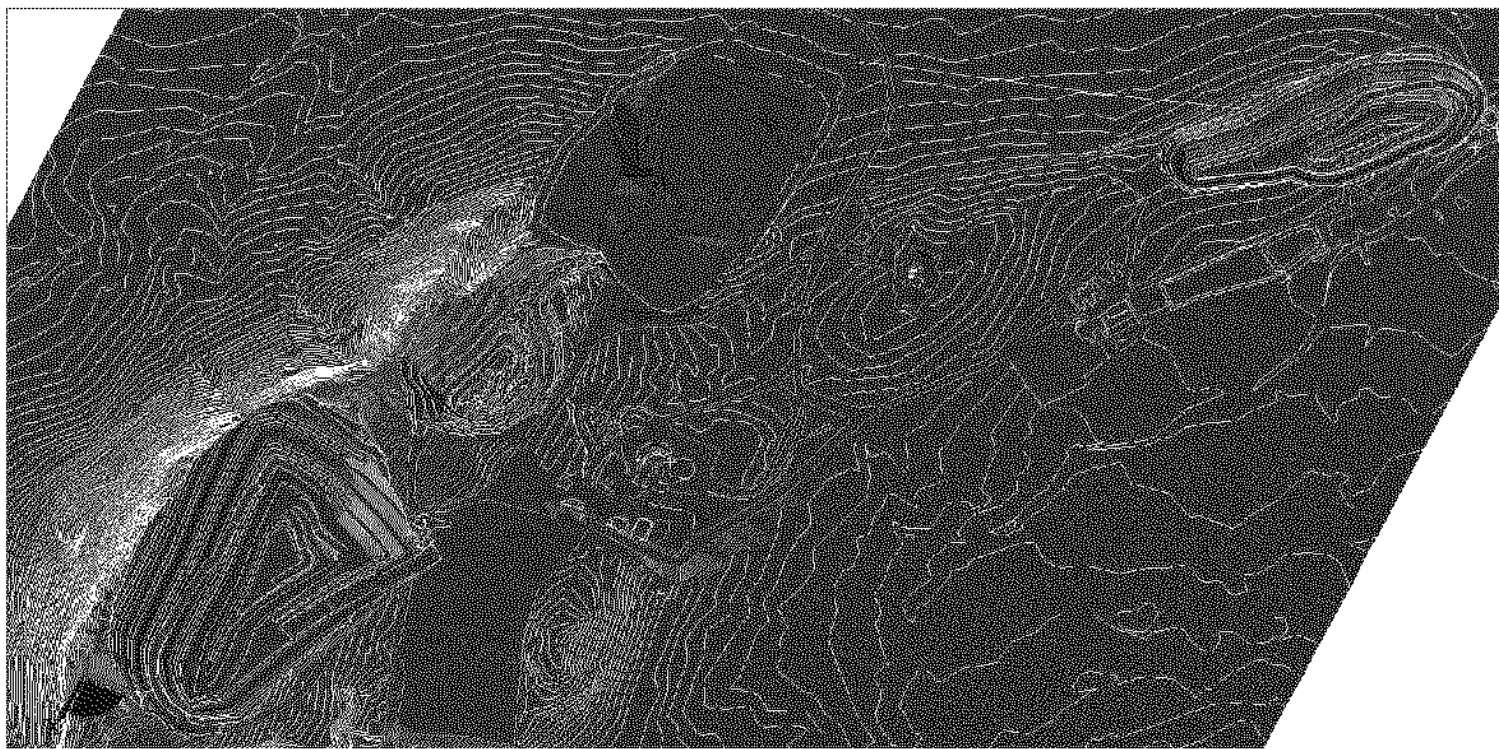


# Tallering Peak - Ground Magnetics



18/11/2005

# Tallering Peak Operation

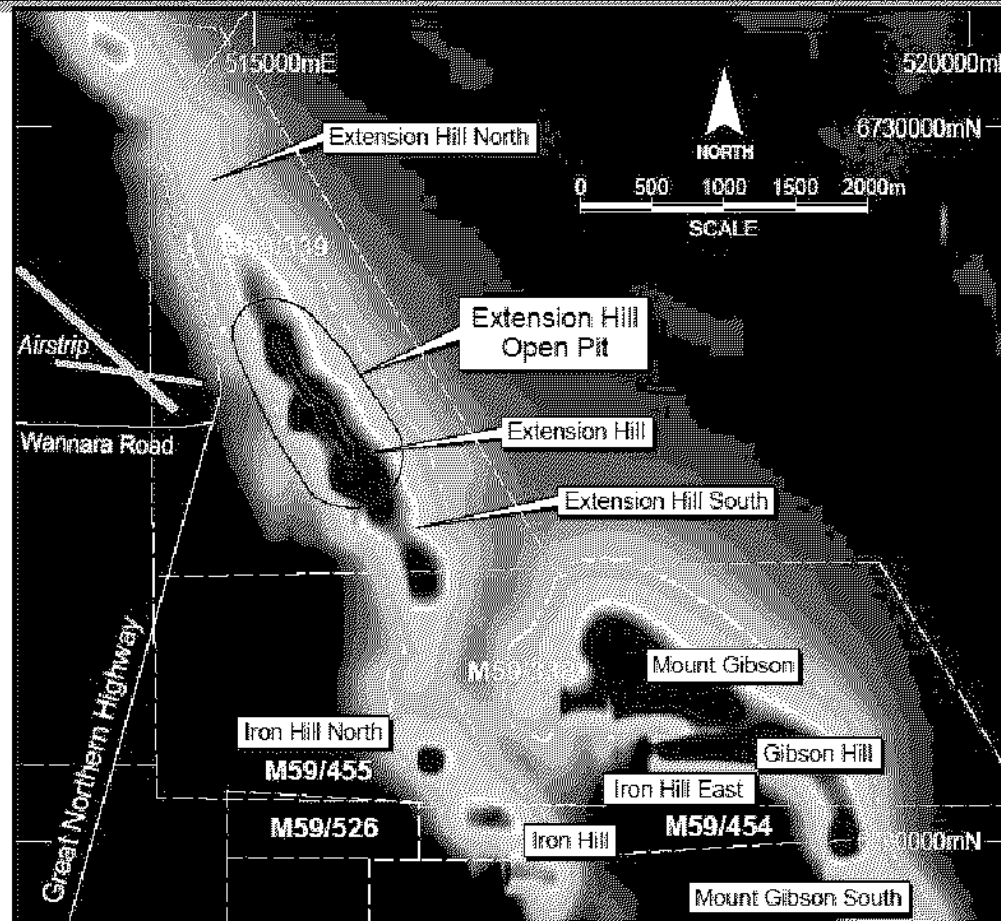


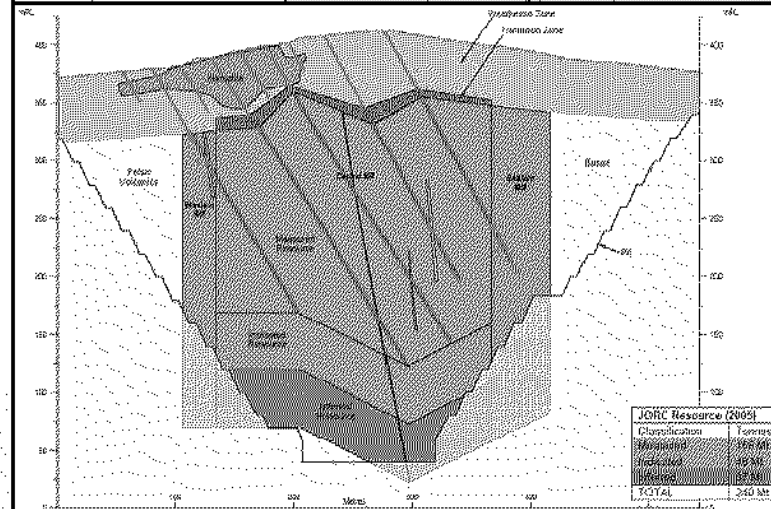
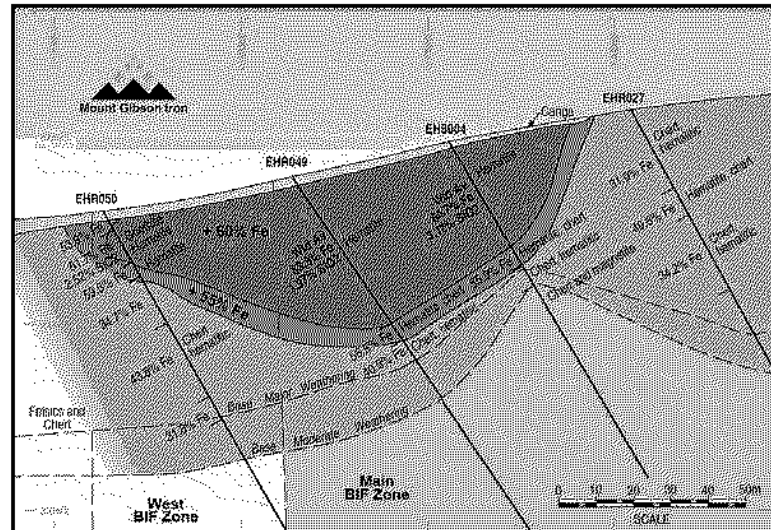
## Extension Hill Hematite & Magnetite

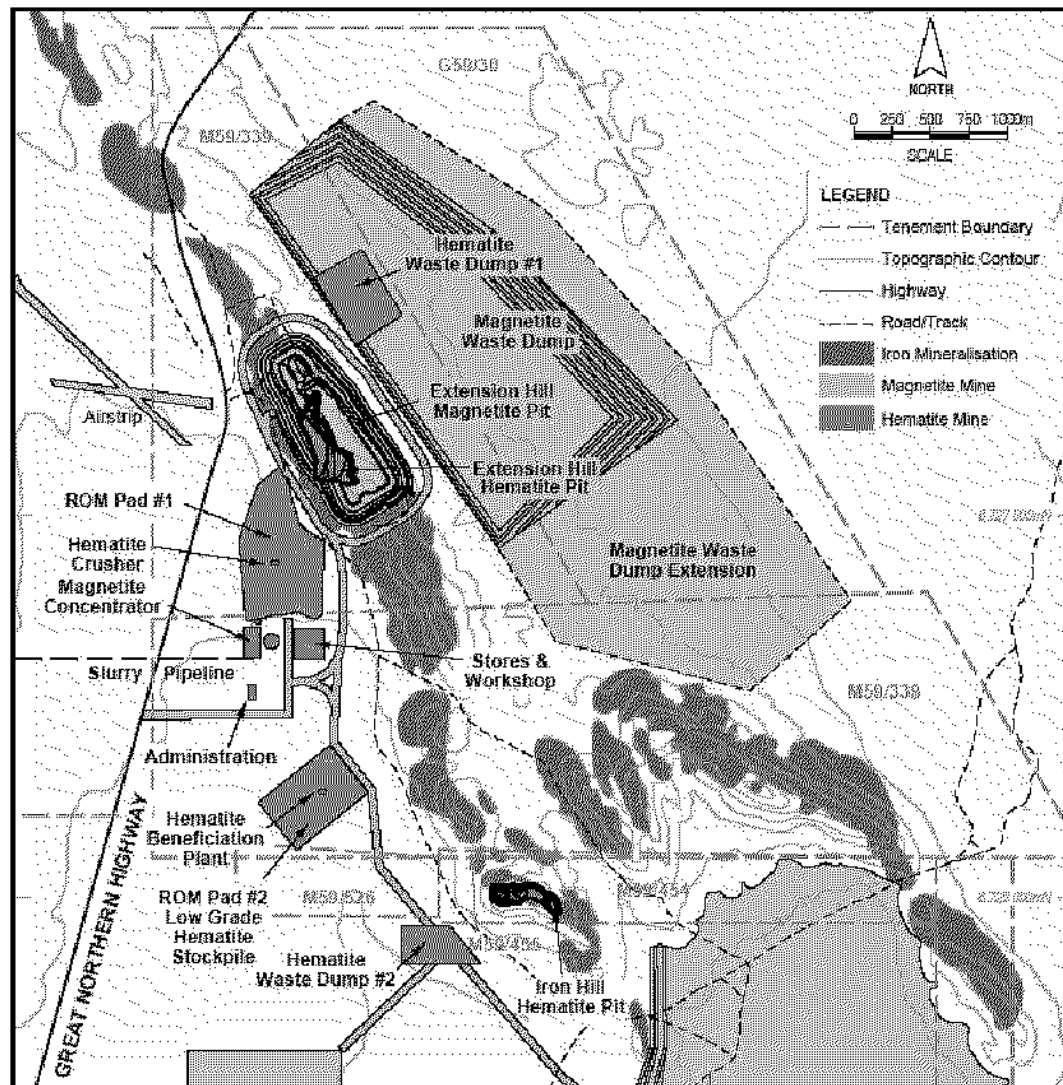
- Undertaking BFS
  - Produce 5 Mtpa magnetite concentrate (68% Fe)
  - Mine life approx 20 years
- Resource of 250 million tonnes
- Ore body with low strip ratio
- High quality concentrate produced
- Extension Hill is one of eight deposits at Mt Gibson



# Extension Hill - Magnetics







# Nanjing Pellet Plant

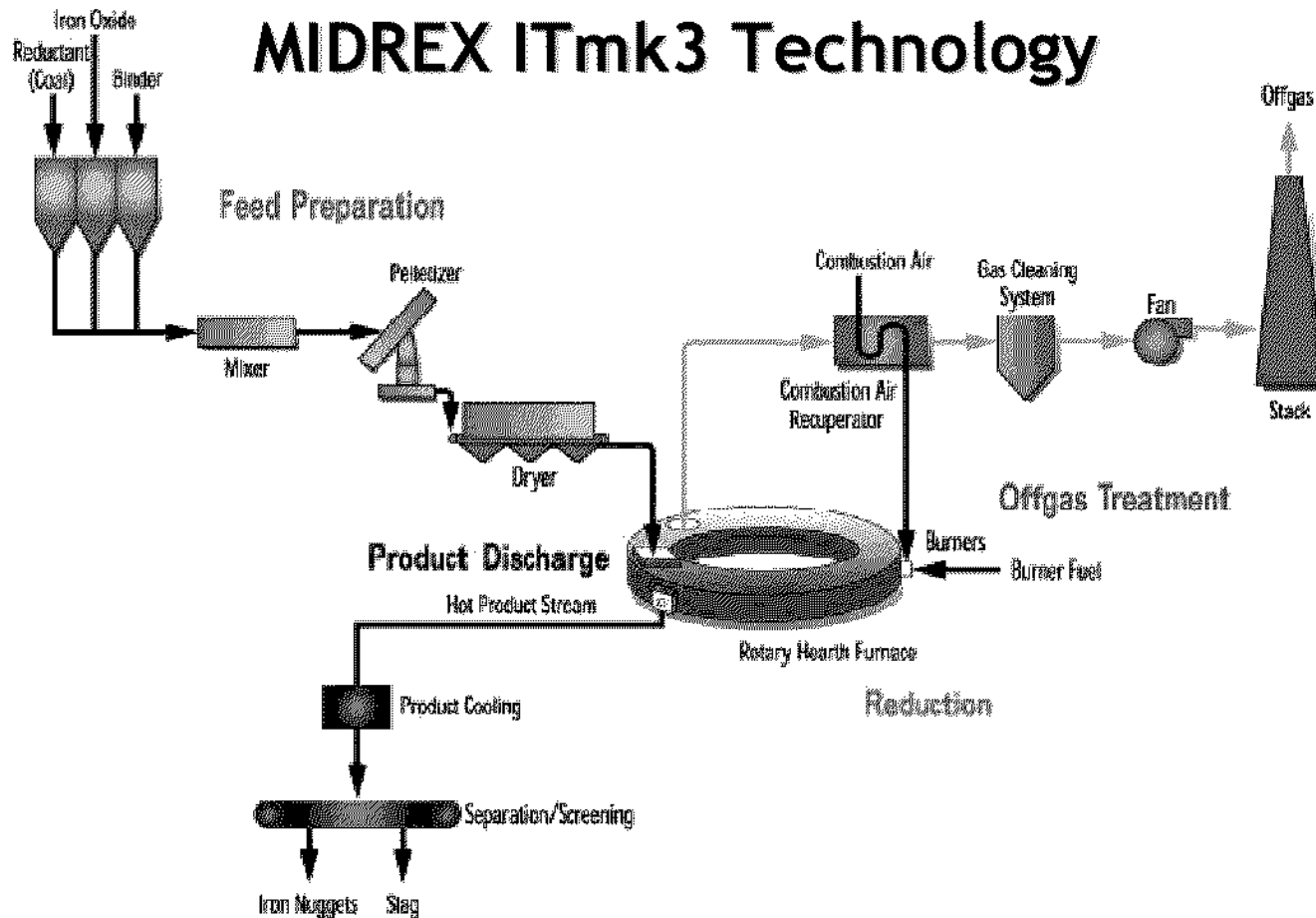
- Capacity of 2.5 Mtpa blast furnace grade pellets
- Location advantages:
  - Reduce shipping costs
  - Expanding steel making region
  - Located at a new port
  - Lower capex and opex than Australia
  - Skilled workforce available
- Sell pellets to regional steel mills under long term contracts

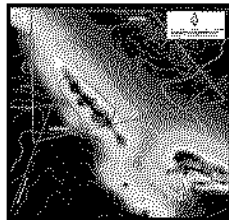
# Metallised Iron Project

- Commenced feasibility study
  - Progressively develop four 500,000 tpa modules utilising MIDREX ITmk3 process
  - Single pass rotary hearth furnace reducing magnetite concentrate to metal in 12 minutes
- Coal may be sourced from Irwin River, which is accepted by MIDREX as suitable quality
- Suitable for high quality steel production

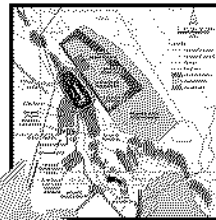


# MIDREX ITmk3 Technology

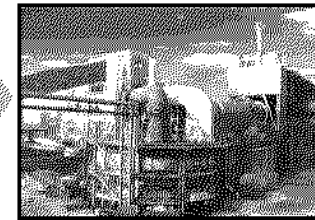




**Exploration  
Acquisition  
JV  
Merger**



**Hematite -  
Magnetite operations**



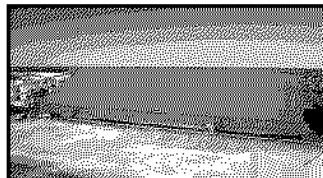
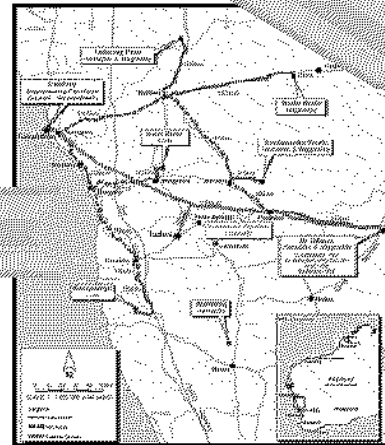
**Longtan  
Pellet Plant**



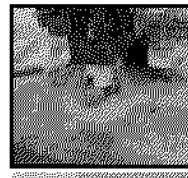
**Rail**



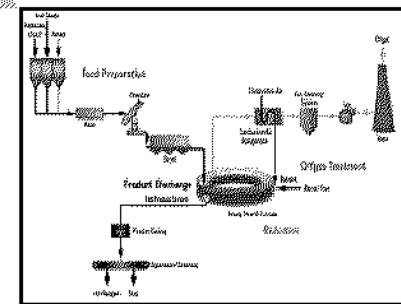
**Road**



**Storage Facility**



**Tarthra Bore  
Field**



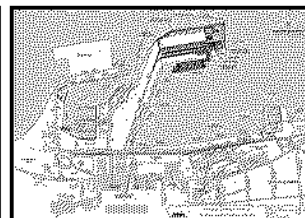
**Metallised  
Iron**



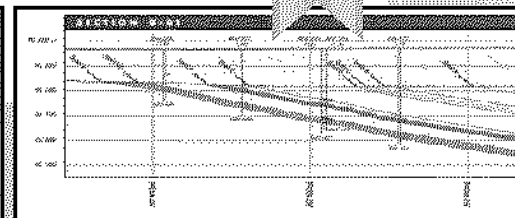
**Direct  
shipping**



**50 MW Gas Fired Power  
Station & Concentrator**



**Port Facilities**



**Irwin River Coal**

## Summary

- Mt Gibson is an established and expanding iron ore producer
- Building internal capacity and capability
- Generating strong cash reserves
- Enjoys long term access agreements to services and infrastructure
- Executing accretive strategic projects
- Established strategic alliances and partnerships



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