

# International Analysts Newman Visit

Welcome to Newman



**bhpbilliton**

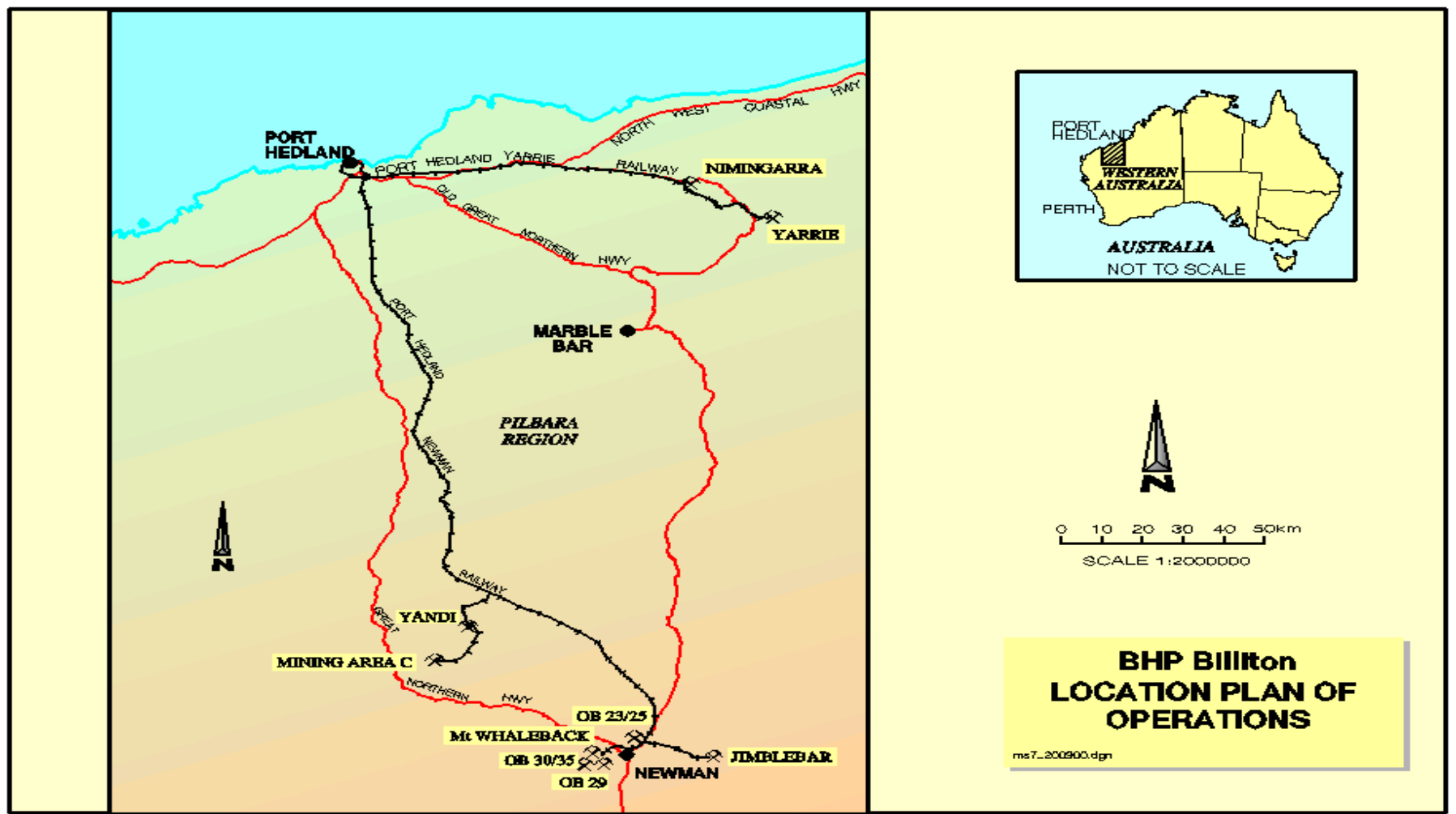
# VISITOR SAFETY INDUCTION

This Safety Induction refers to all of the mine sites visited today and is part of our HSEC Policy.

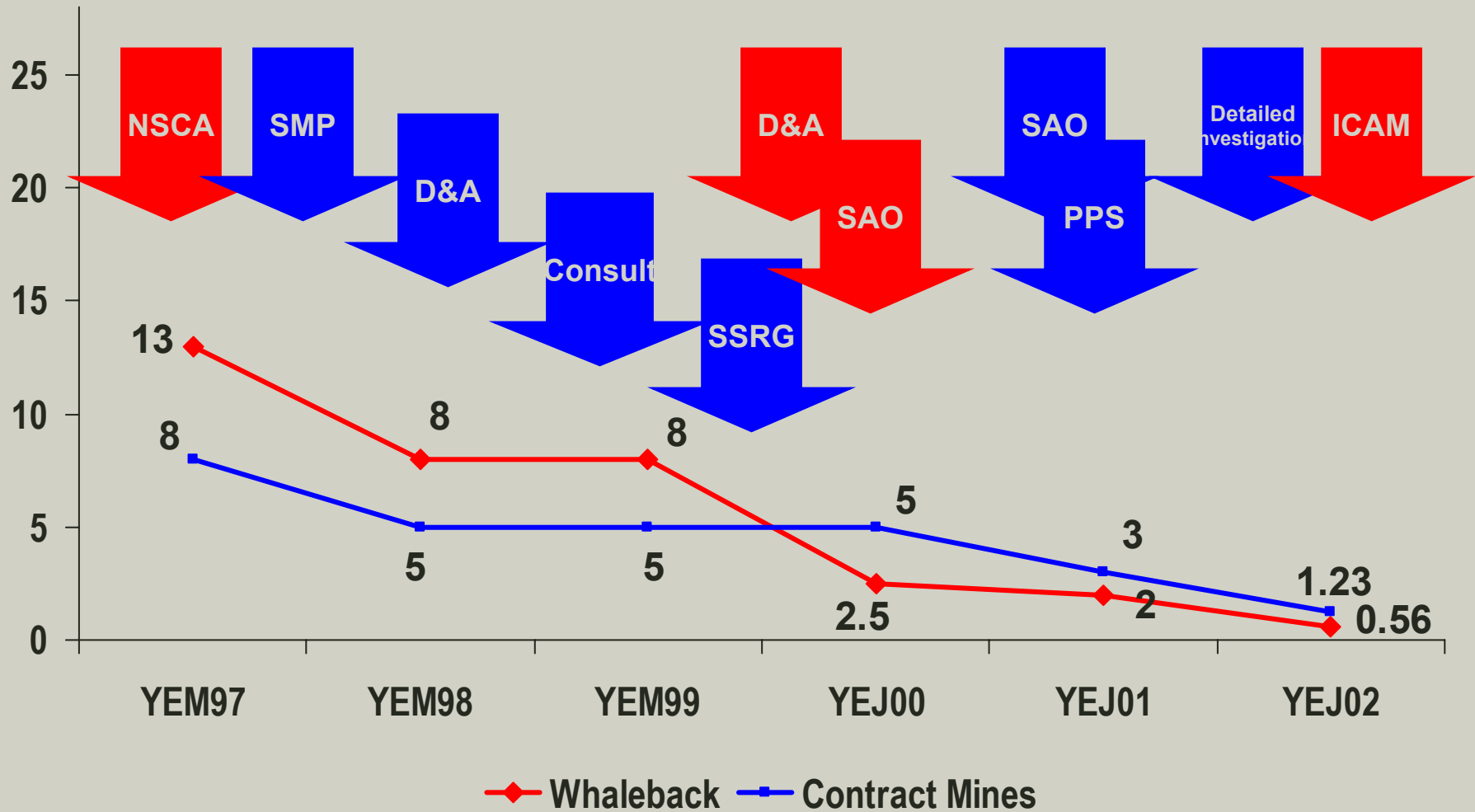
- Stay with your BHP Billiton escort at all times.
- Safety helmets are provided and you will be advised when to wear them.
- Safety glasses are provided. You will be advised when it is necessary to wear them.
- Safety glasses will fit over prescription glasses.
- Use handrails when using stairs.
- Keep clear of all machinery.
- In the event of an evacuation or emergency, stay with your BHP Billiton escort.
- BHP Billiton has a no-smoking policy inside buildings and vehicles.
- You are most welcome to use cameras.

**Enjoy your visit with us today**

# PILBARA OPERATIONS

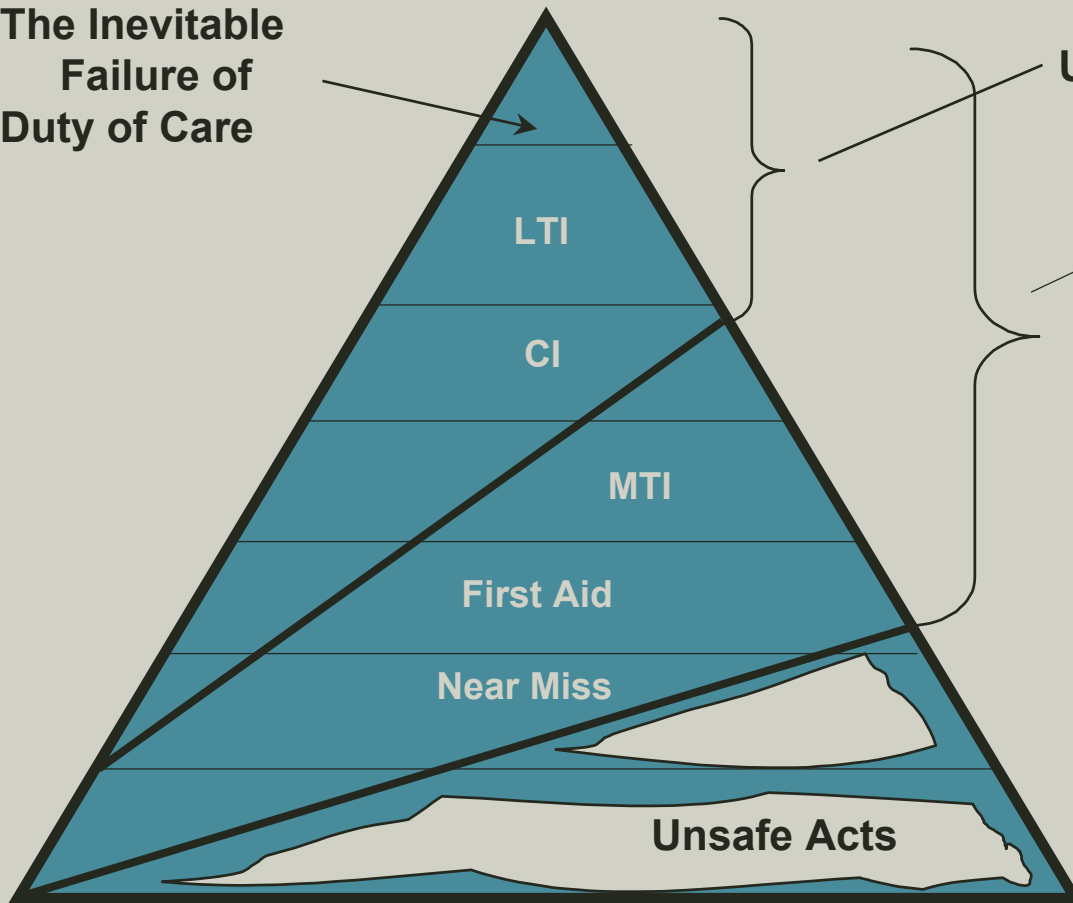


# LTIFR – Whaleback & Contract Mines



# The Weakest Link

The Inevitable  
Failure of  
Duty of Care



Upper Management Commitment

Current Learning Exposure

- Statutory Obligations
- Safety Systems
- Improved Practices

Potential knowledge

30 X incident reports to injuries

BEHAVIOUR

Training  
Values  
Recognition

# Strategic Focus for 2002 - 2007

## Key Points

- Achieve / exceed goals through good planning
- Think beyond short term / regional horizons
- Gain strategic benefits
- People management – become employer of choice
- Organisation consistency
- Secure support for business decisions
- Pace of restructuring
- Keep it simple

# BHP IRON ORE PILBARA JOINT VENTURES

## **Mt Newman Joint Venture**

- **BHP Minerals Pty Ltd** **85%**
- **Mitsui Itochu Iron Pty Ltd** **10%**
- **CI Minerals Australia Pty Ltd** **5%**

## **Mt Goldsworthy Mining Associates**

- **BHP Minerals Pty Ltd** **85%**
- **Mitsui Iron Iron Ore Corporation Pty Ltd** **7%**
- **CI Minerals Australia Pty Ltd** **8%**

## **Yandi Joint Venture**

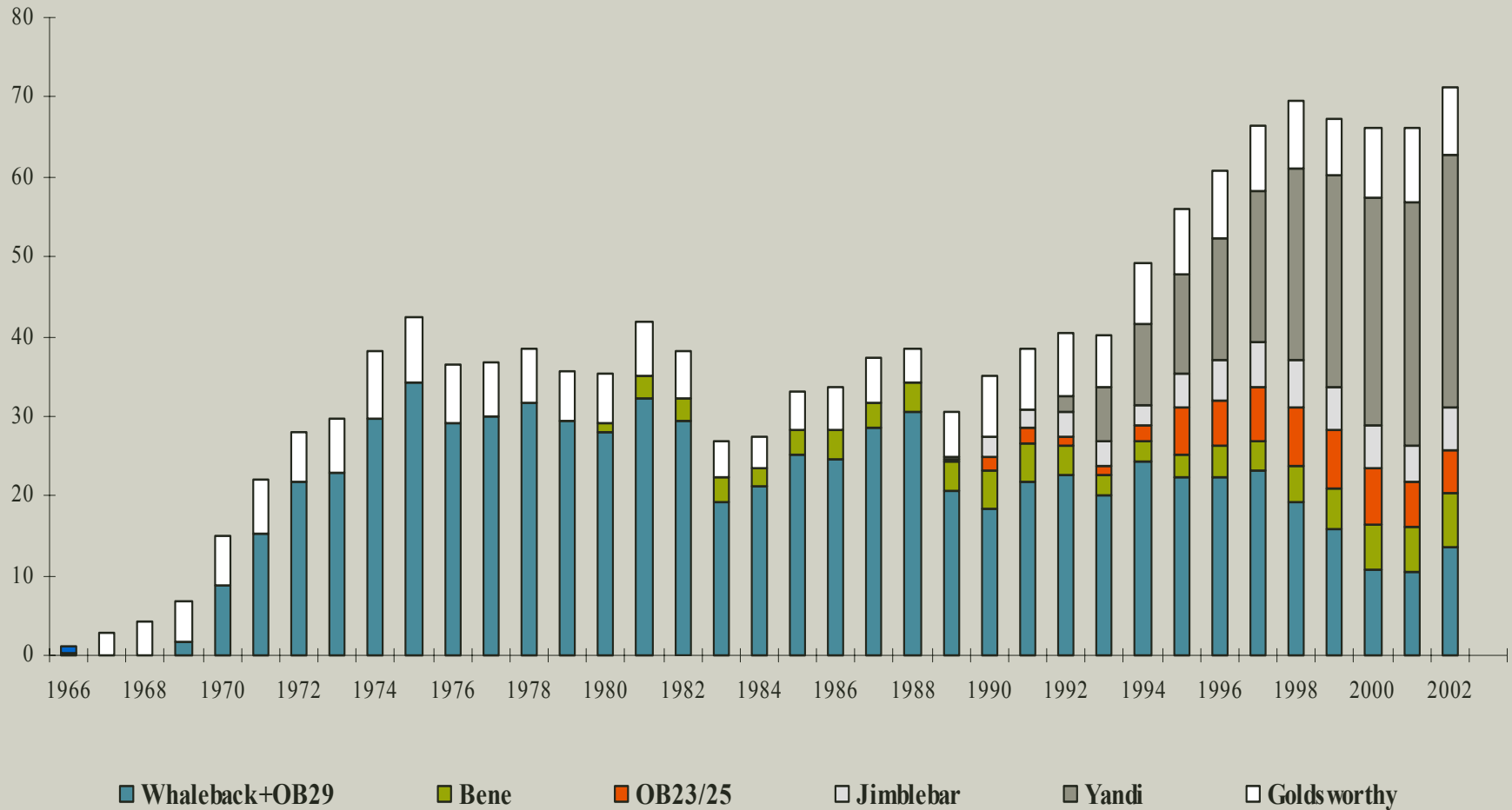
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- **Mitsui Iron Iron Ore Corporation Pty Ltd** **7%**
- **CI Minerals Australia Pty Ltd** **8%**

**Note : Jumblebar is 100% owned by BHP Minerals Pty Ltd  
Mining Area C is part of Mt Goldsworthy Joint Venture**

## **POSMAC**

- **BHP Minerals Pty Ltd** **65% C Deposit Only**
- **POSCO** **20%**
- **Mitsui Iron Iron Ore Corporation Pty Ltd** **7%**
- **CI Minerals Australia Pty Ltd** **8%**

# Mine Production Mt (Wet)

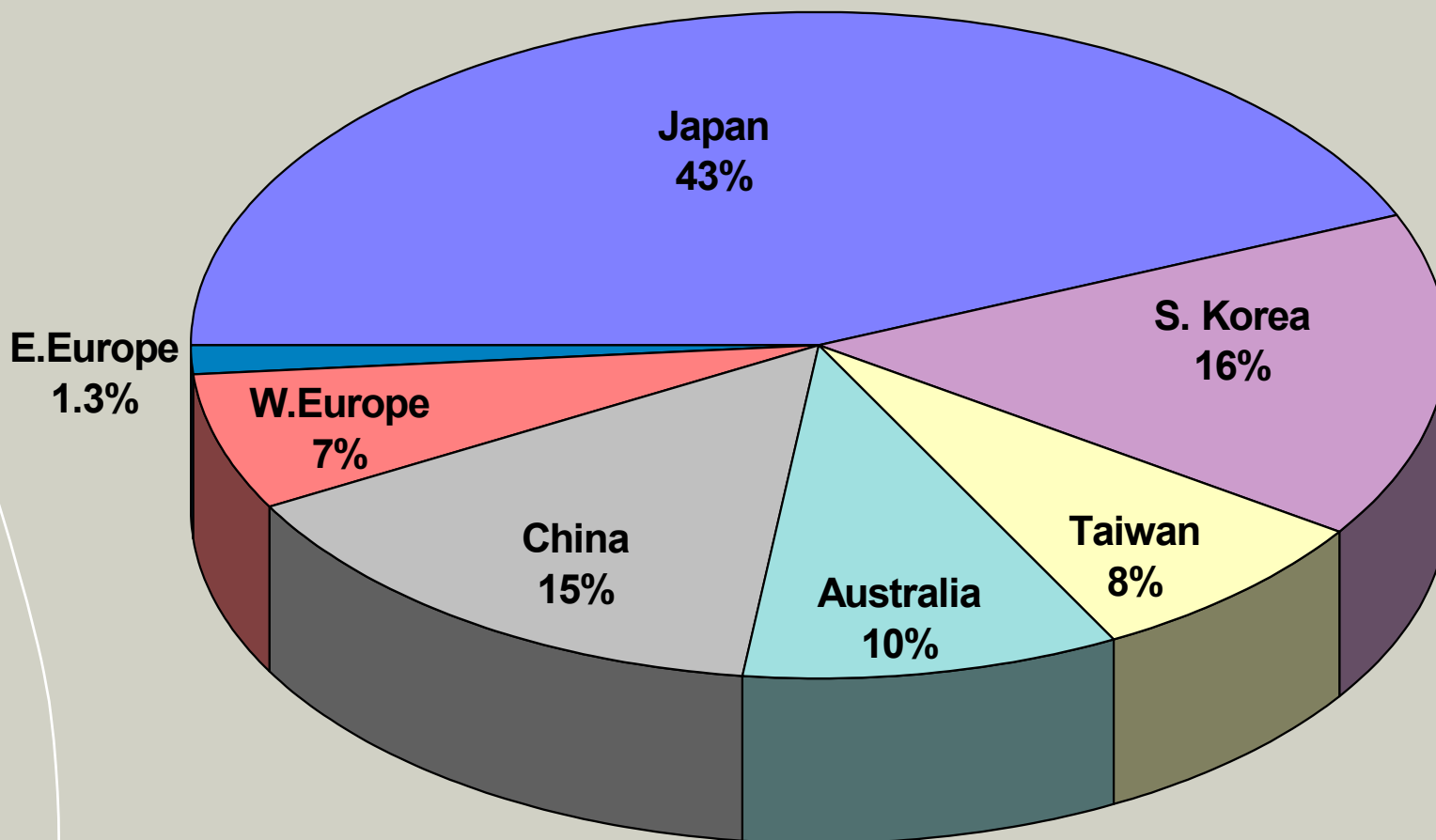




# BHP IRON ORE SHIPMENTS/COMPETITORS

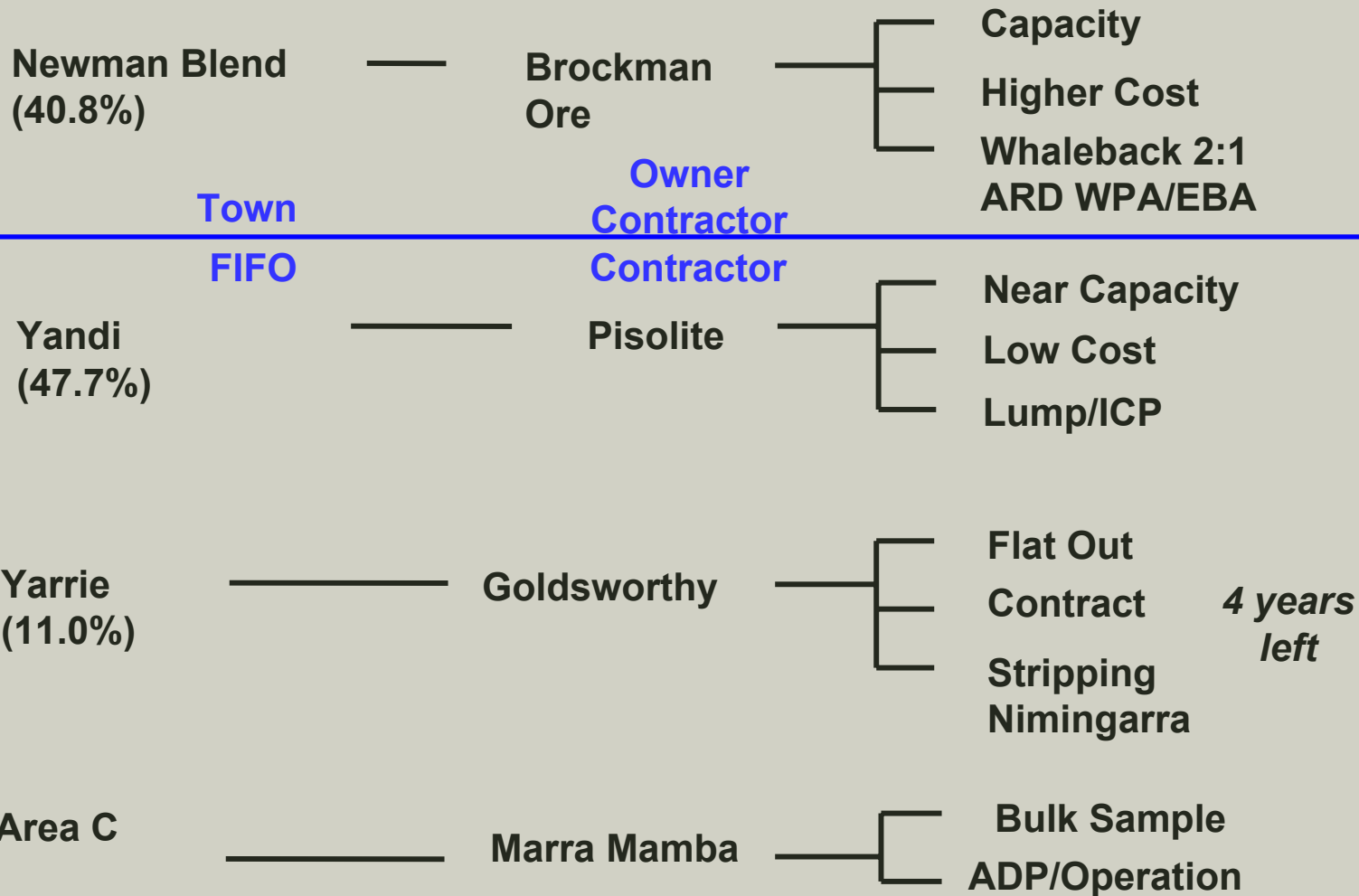


# BHP IRON ORE SHIPMENTS - (Year Ending June 2001)

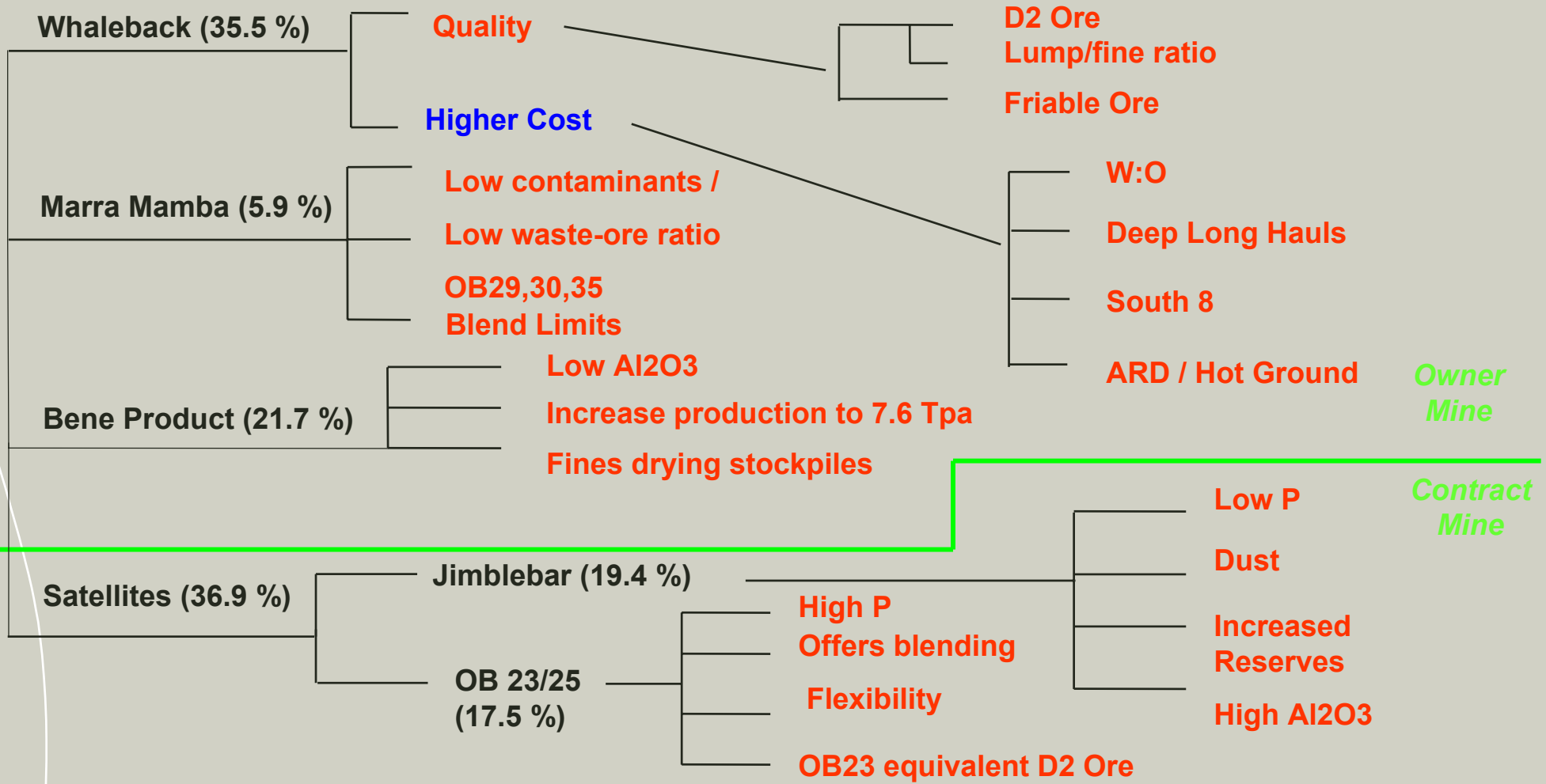


YEJ2001	Mdmt
Japan	29.3
S. Korea	10.7
Taiwan	5.2
Australia	6.5
China	10.1
Europe	<u>5.3</u>
<b>Total:</b>	<b><u>67.2</u></b>

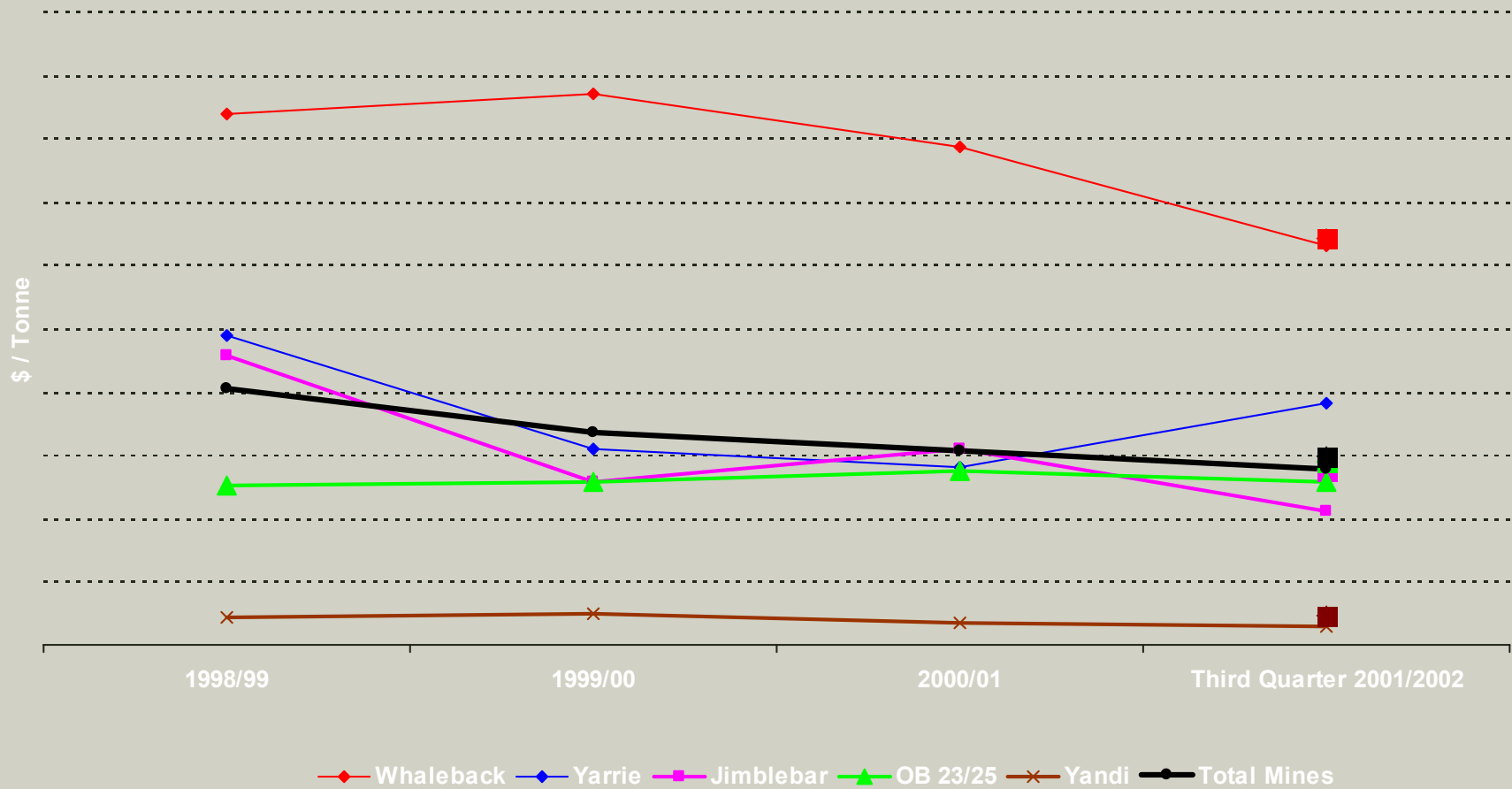
# YEJ03 Budget based on Drivers – Mining



# YEJ03 Budget based on Drivers – Newman Blend

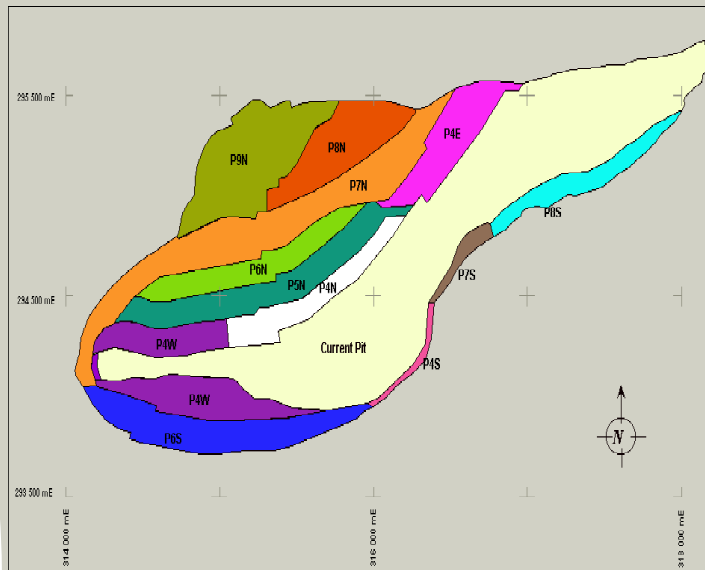


# All Mines - \$ / Tonne OFR

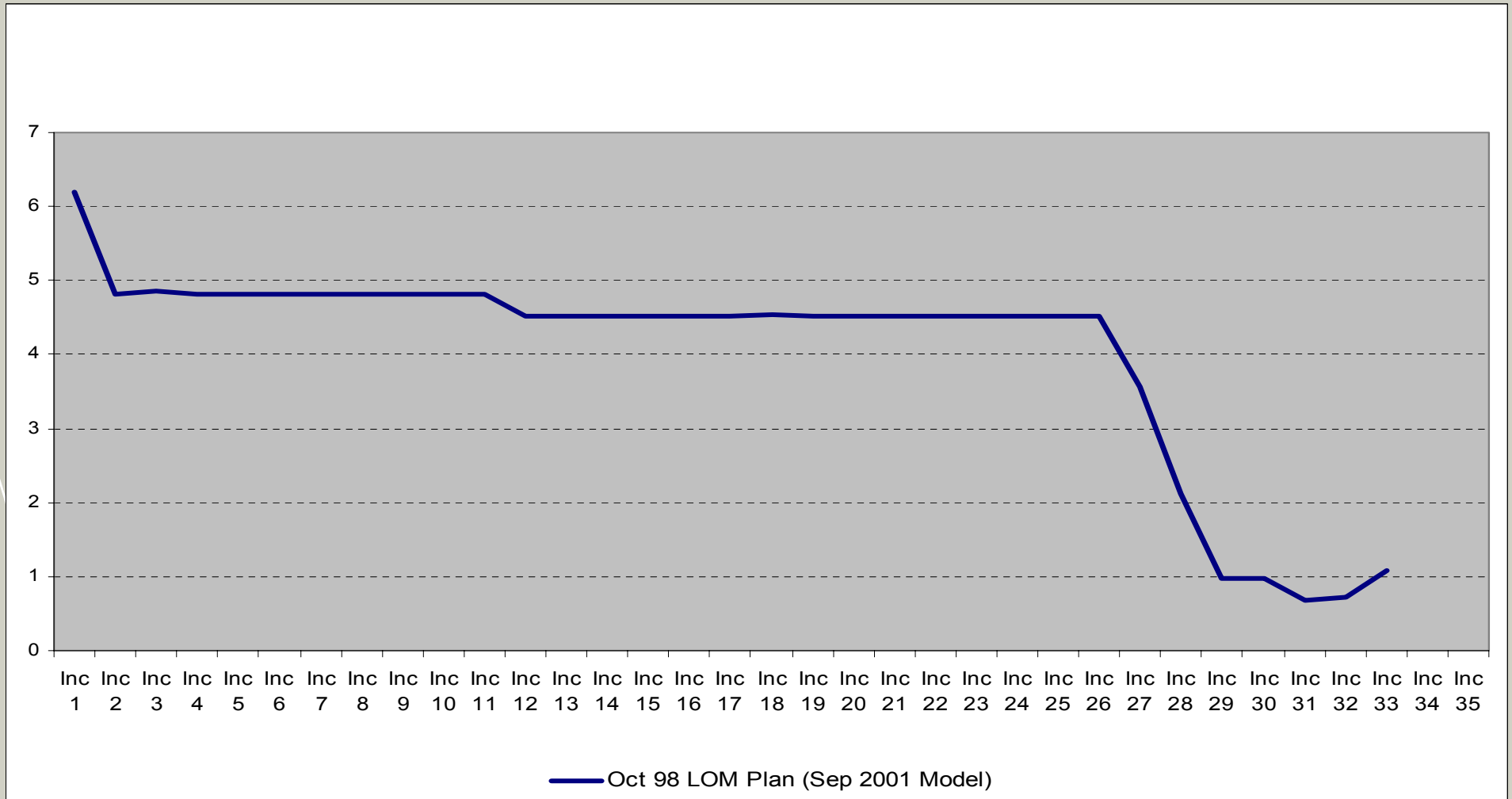


# Orebody Development Status Whaleback

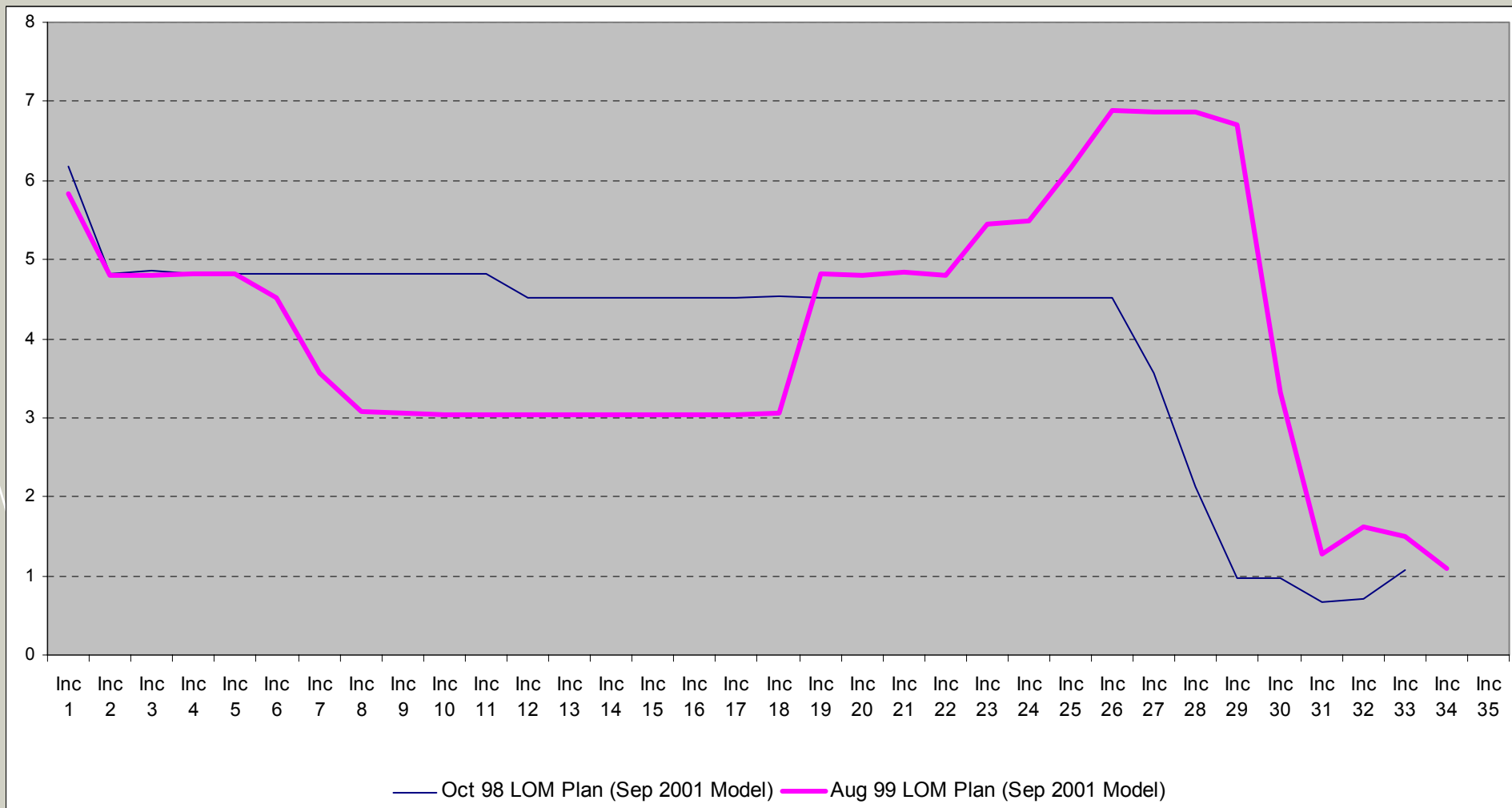
- Mining to Planned Pushback Development Sequence



# Improvements to Mt Whaleback Life of Mine Strip Ratio

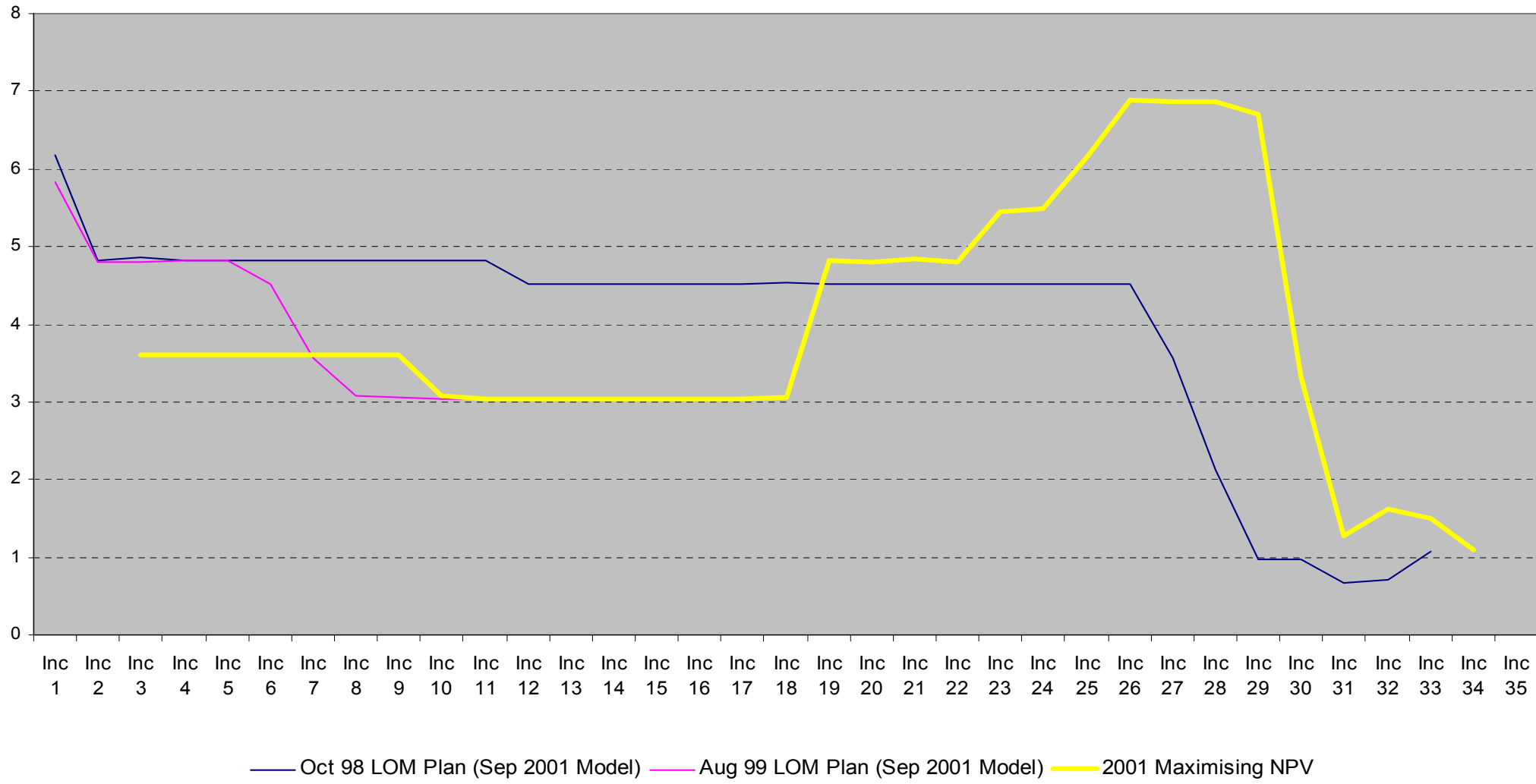


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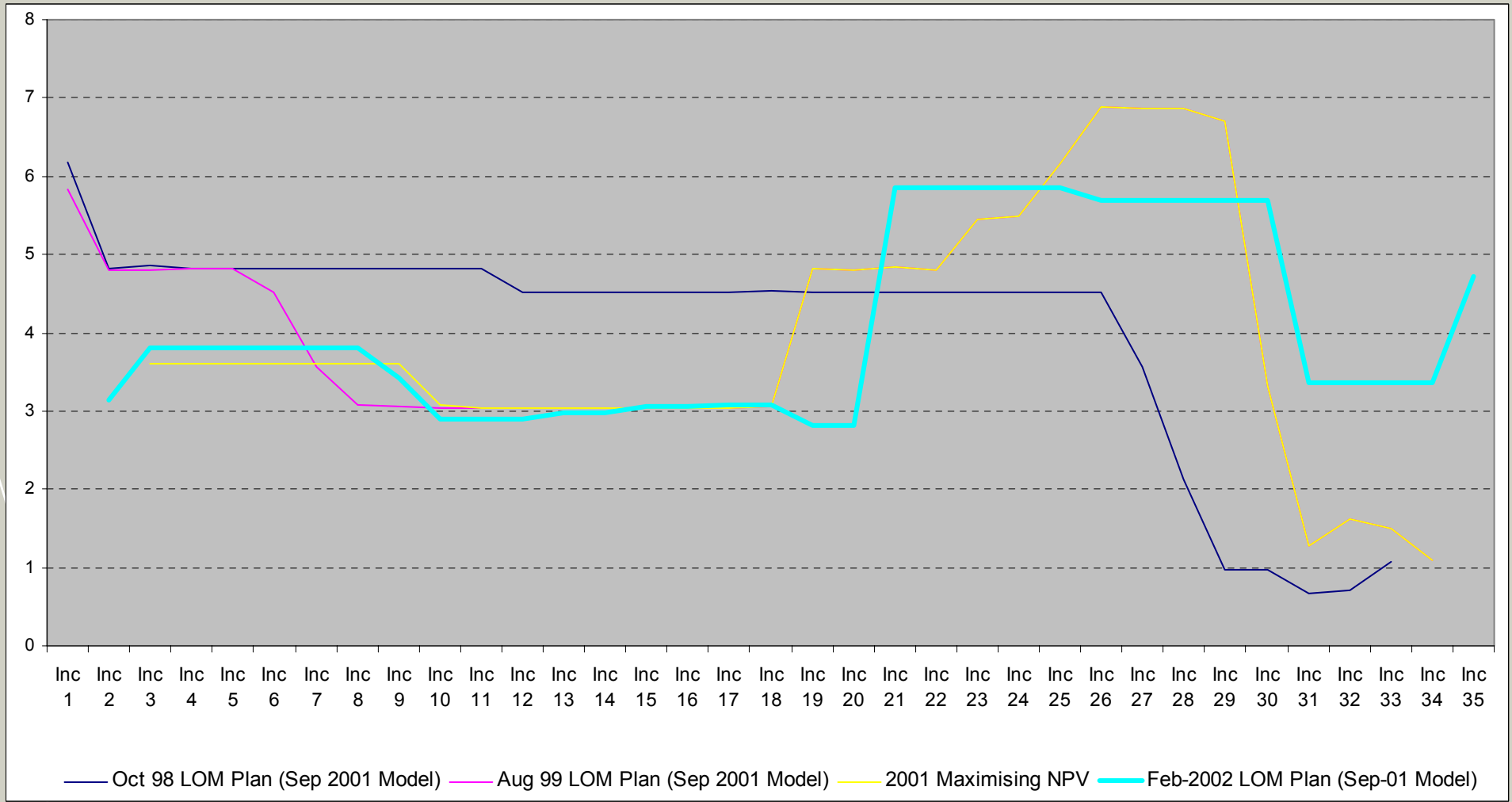




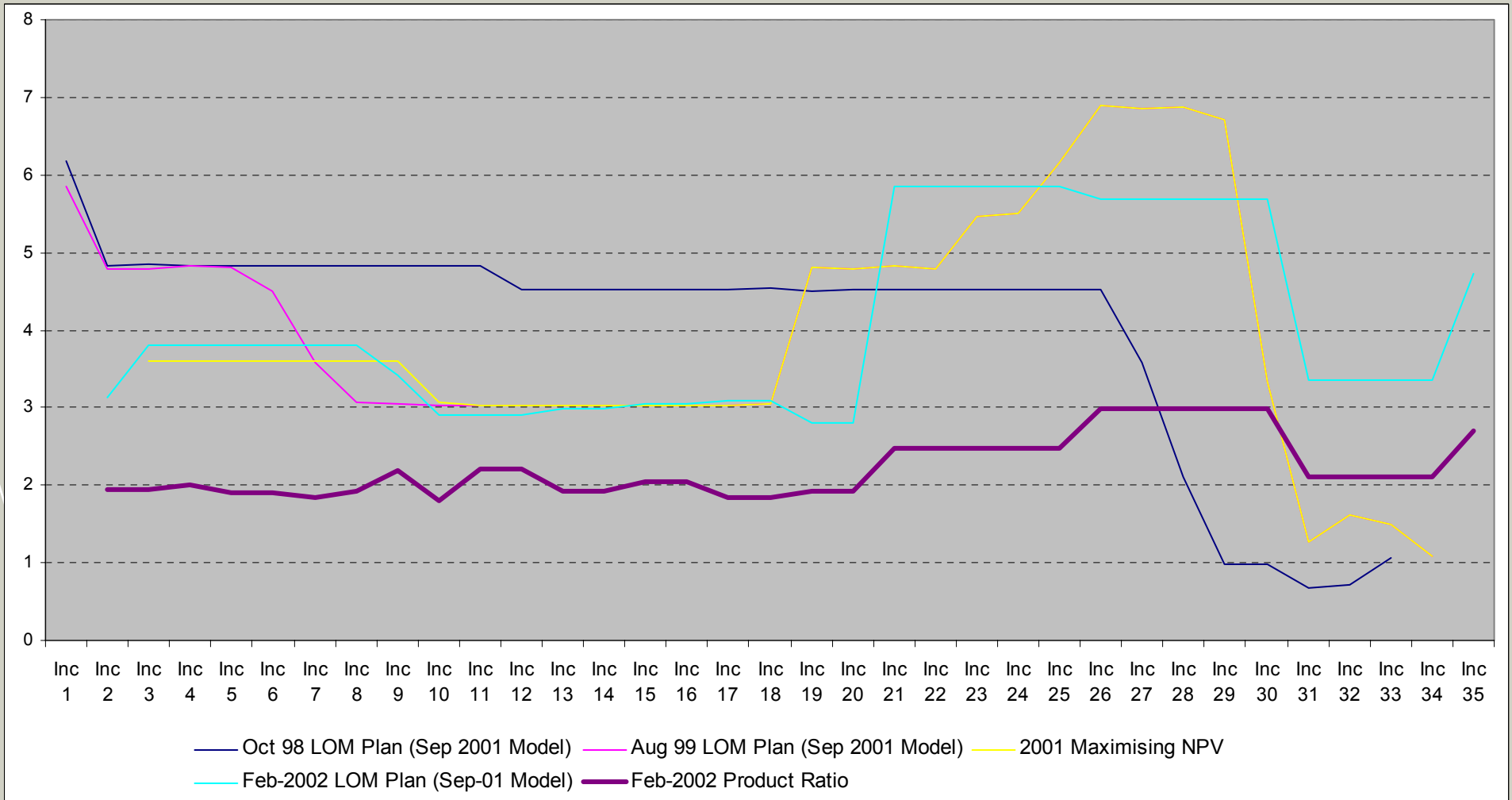
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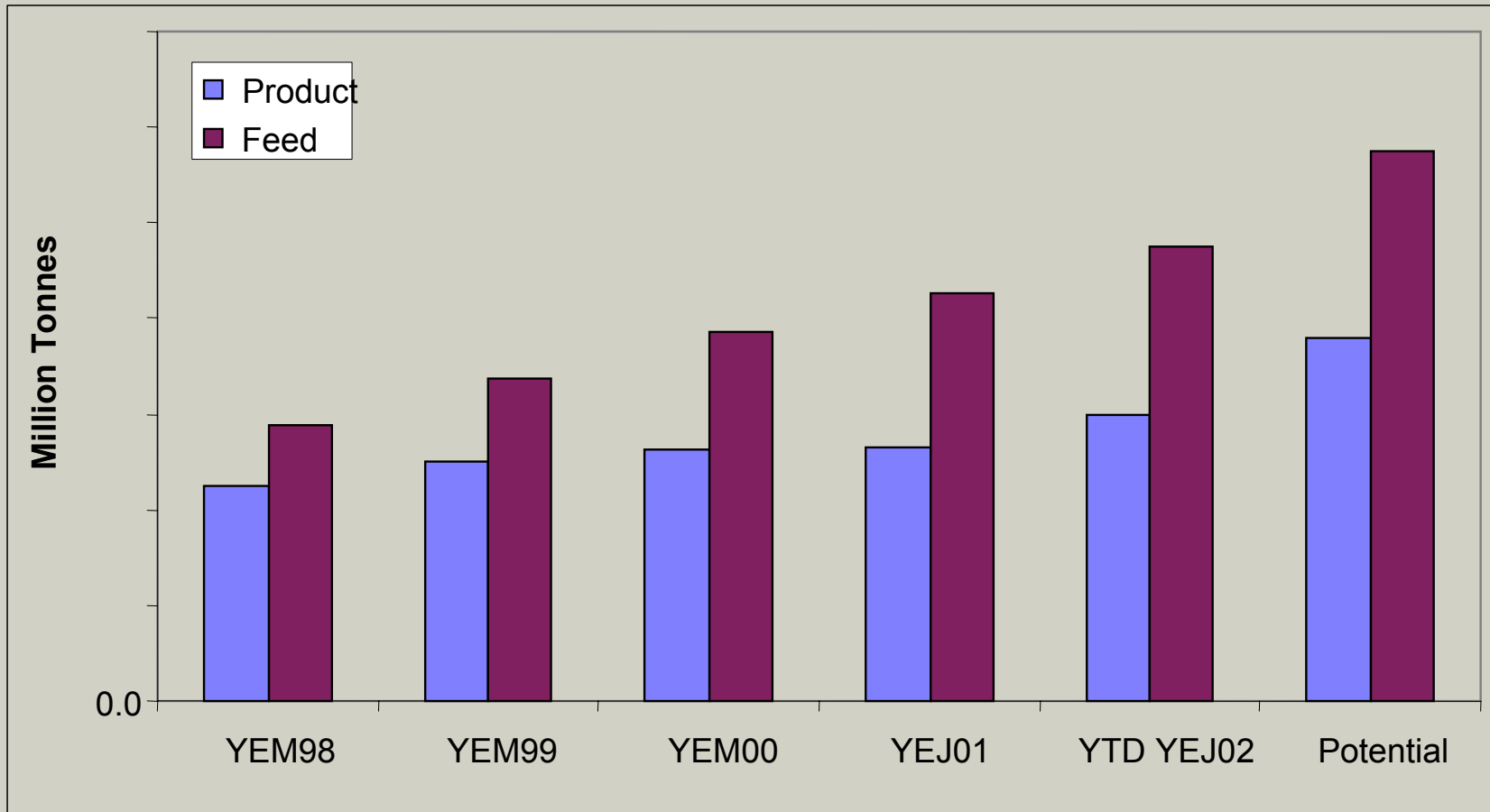


# Beneficiation Plant Upgrade

- Feed System Modification – April 1999
- Drum Capacity Increased – 340 to 550 tph/drum, 3.2 to 3.5 SG – May 1999
- Cyclone Circuit Upgrade – June 1999
- Replaced Cones Plant with Spiral Plant – March 2000
- Modified Chutes for Wet Feed Handling – November 2000
- Waste System Upgrade – higher tonnage/reduce spillage - June 2001
- Tailings System Upgrade – October 2001



# Beneficiation Plant Performance Product & Feed tonnes



# CURRENT MINING EQUIPMENT

## Drills

1 x IR DM-M3 (251mm)  
2 x IR DM-H4 (311 mm)

## Shovels & Excavators

1 x P & H 2800  
2 x O & K RH200  
1 x O & K RH170

## Trucks

11 x CAT 789 190T  
13 x CAT 793 240T

## Loaders

2 x CAT 994  
2 x CAT 992C  
2 x CAT 992G



O&K RH200



CAT 240T



IR DM-M3 (251mm)