

#### **GUNSON RESOURCES LIMITED**



**David Harley** 

May 2004

# **Corporate Summary**



- Listed May 2000
- Shares
- Cash
- Unlisted Options
- Share Price
- Fully Diluted Cap.

64.3M \$4.2M 7.9M \$0.20 \$14.4M

# **Gunson Board of Directors**



Chairman: Bill Cunningham (Ex WMC - nickel marketing)

**Managing: David Harley** 

(WMC 24 years 1972-1995 GM Minerals Exploration Australia/East Asia 1990-1995 Chairman, Gallery Gold 1998-2003)

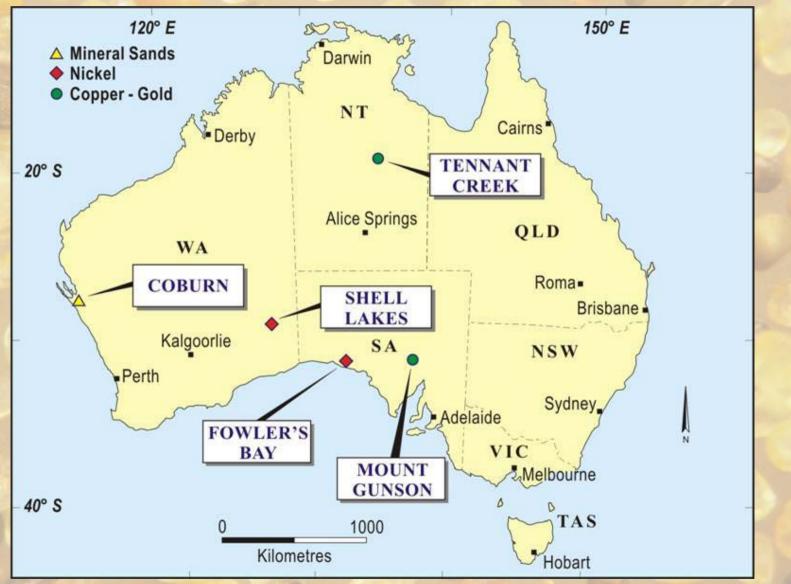
**Non Exec: Peter Harley** 

Chairman – iinet Non Exec – Perilya - Foundation Capital

# **Project Location Map**

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French E.





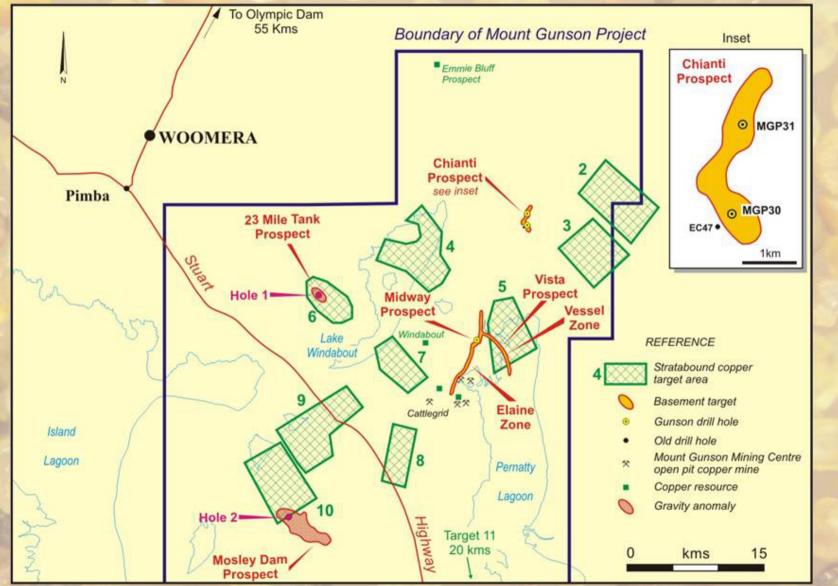
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South Australian Copper Belt

# **Mount Gunson Target Areas**

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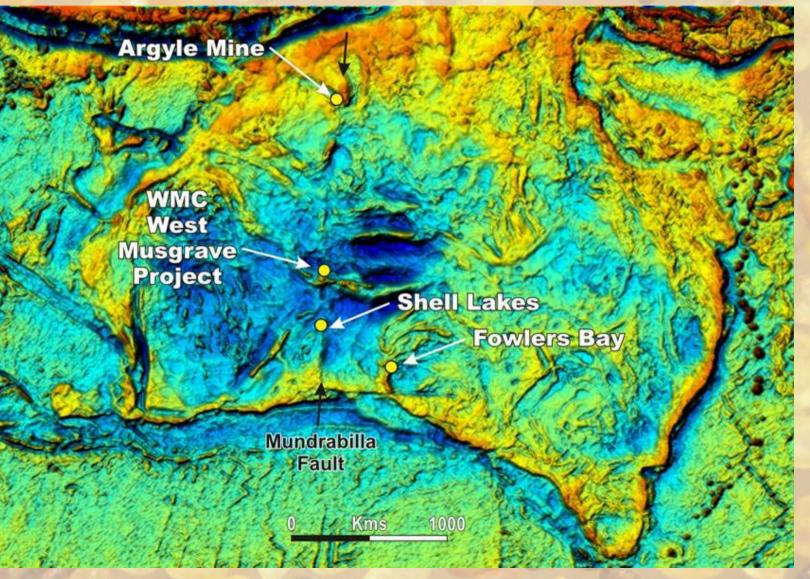
Faculton

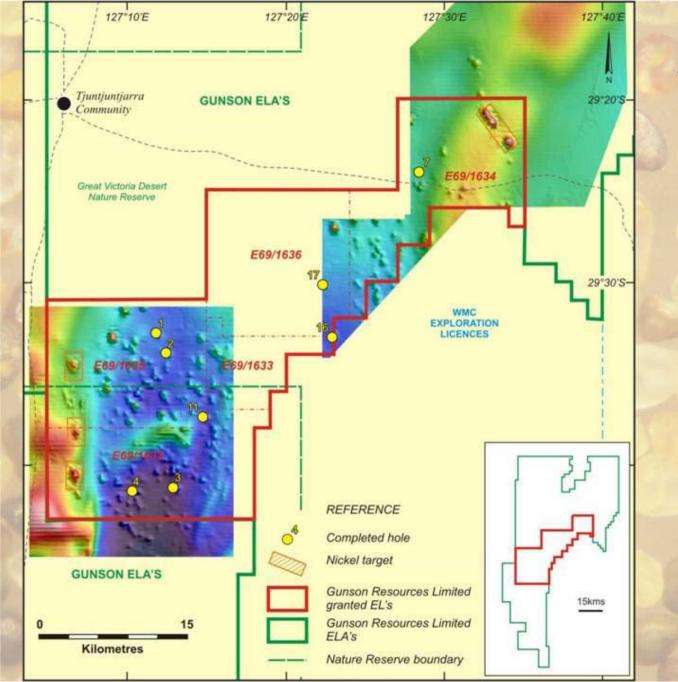


# **Gunson Nickel Projects**



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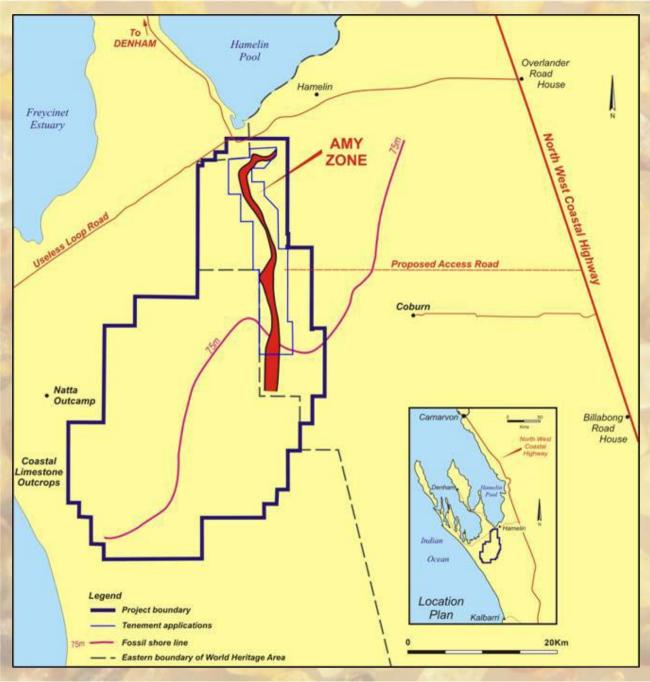


Shell Lakes Project



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# Coburn – Regional Setting



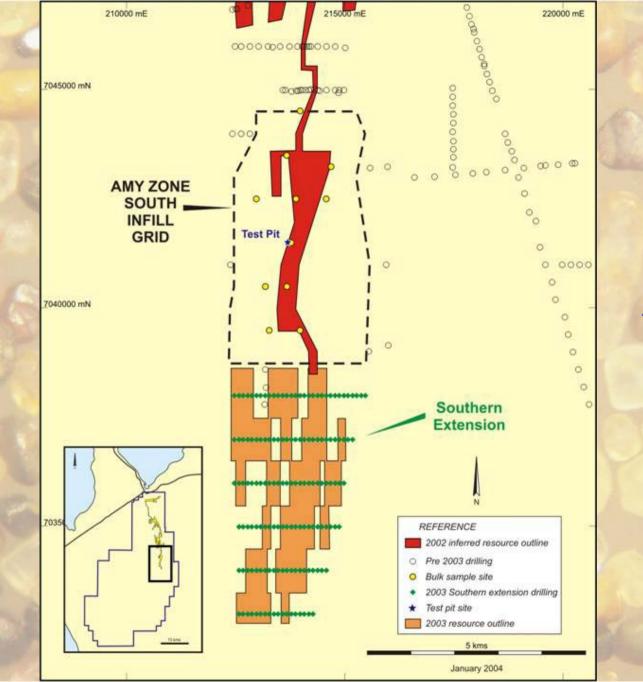
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# Coburn Project Amy Zone Orebody

# **Amy Zone - Inferred Resource**



690 million \* **Tonnes:** Grade: 1.35% HM **Tonnes HM:** 9.3 million Slimes: <3% **Oversize** 1% \* Includes 133Mt indicated resource at Amy Zone South



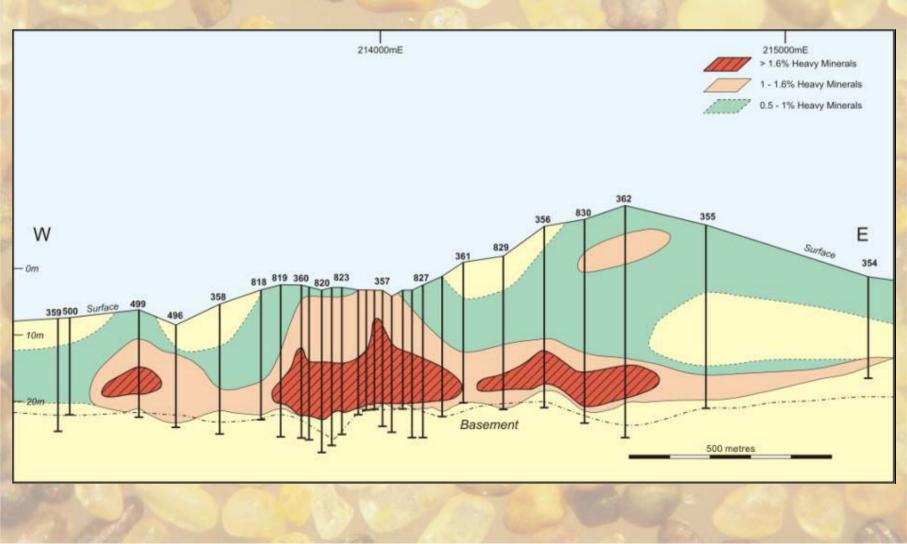


Amy Zone South Drilling 2003

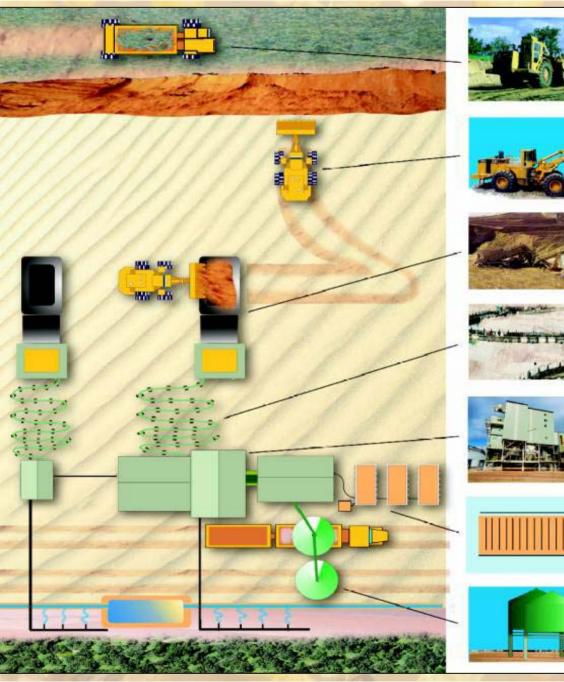


# Amy Zone South Cross Section











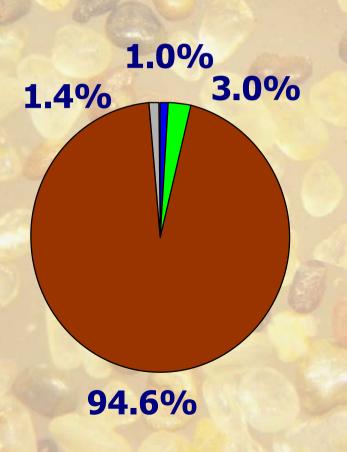
Coburn mining,

Harde

## concentrating and rehabilitation operations

# **Coburn Mineral Sands Ore**

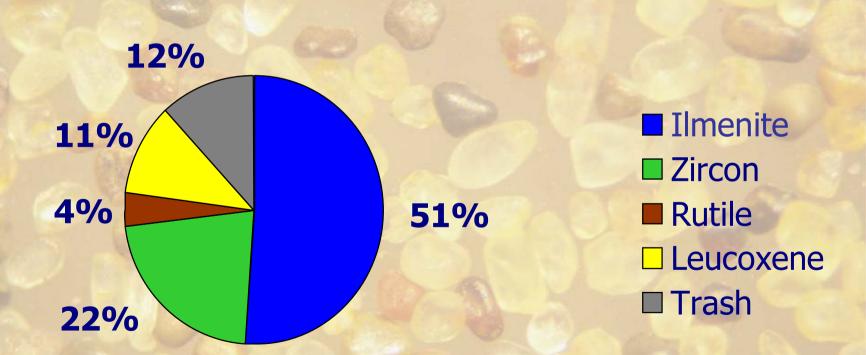




Oversize
Slime
Waste
HMC

# Coburn Heavy Mineral Assemblage





Trash materials made up of up to 61 trace elements

# Coburn BFS Progress Report Notional Annual Production



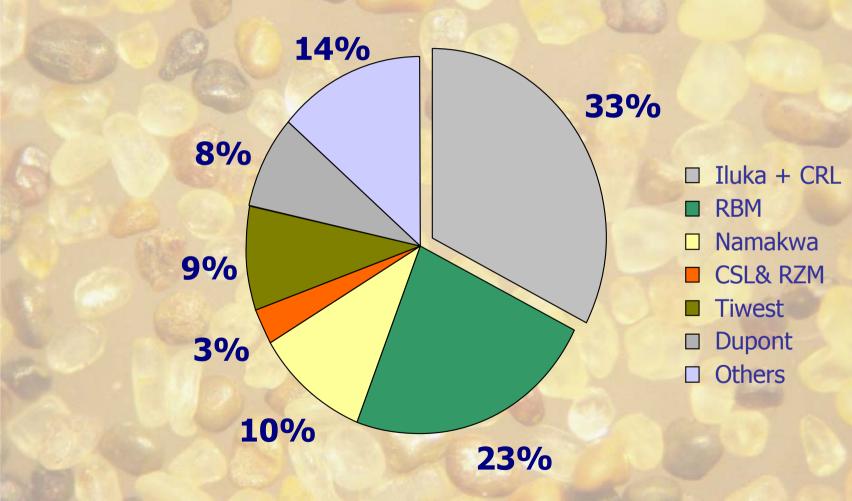
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	Tonnes	% Revenue	% World	
Ilmenite	172,000	23	8 *	
Zircon	78,000	57	7	
Leucoxene	21,000	10	15	
Rutile	<u>14,000</u>	<u>10</u>	3	
Total	285,000	100		

\* % of global chloride ilmenite production

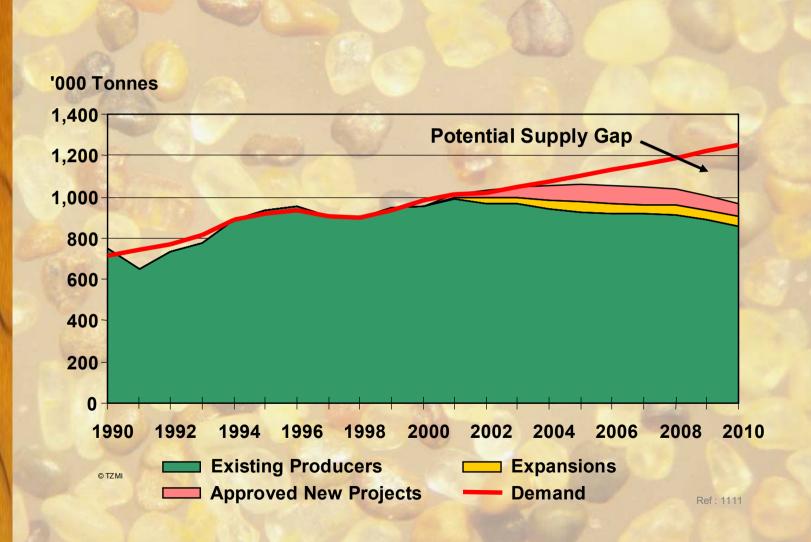
# **Zircon Producers**







#### Zircon Supply/Demand Outlook to 2010

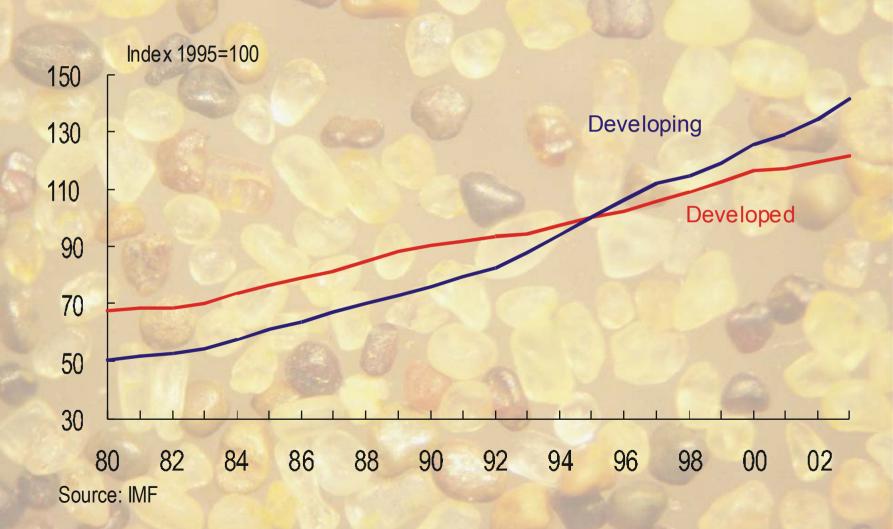


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May 1st 2003

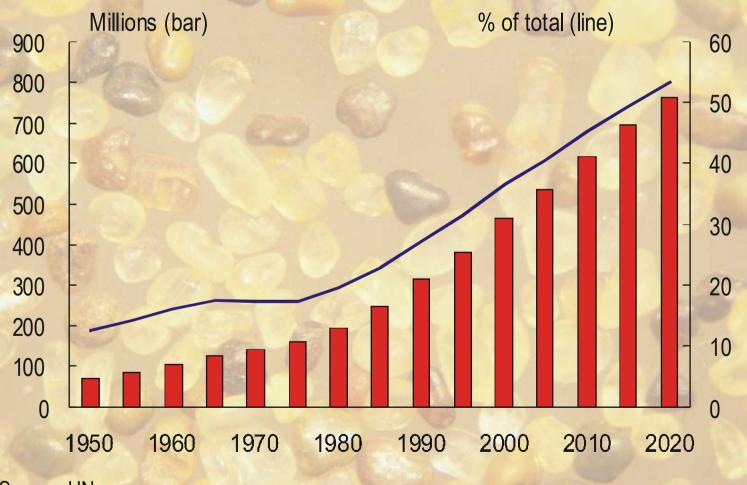
# GDP growth in developed and developing countries





# **China's urban population**

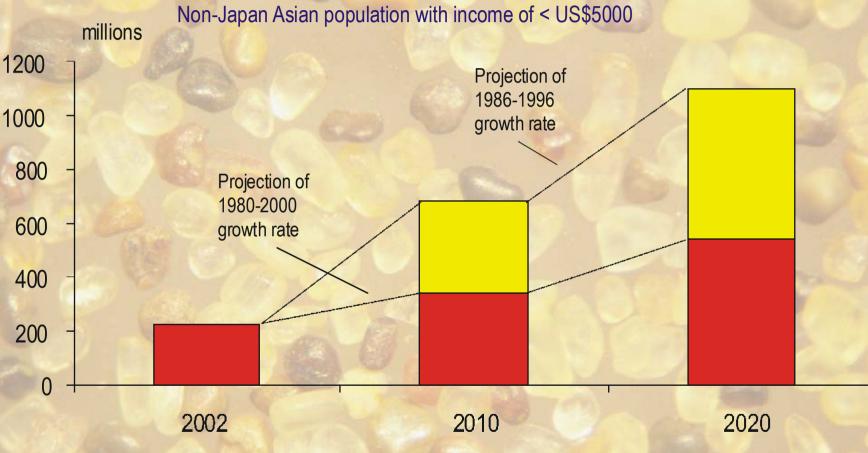
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Source: UN

### Asia's 'discretionary consumers'

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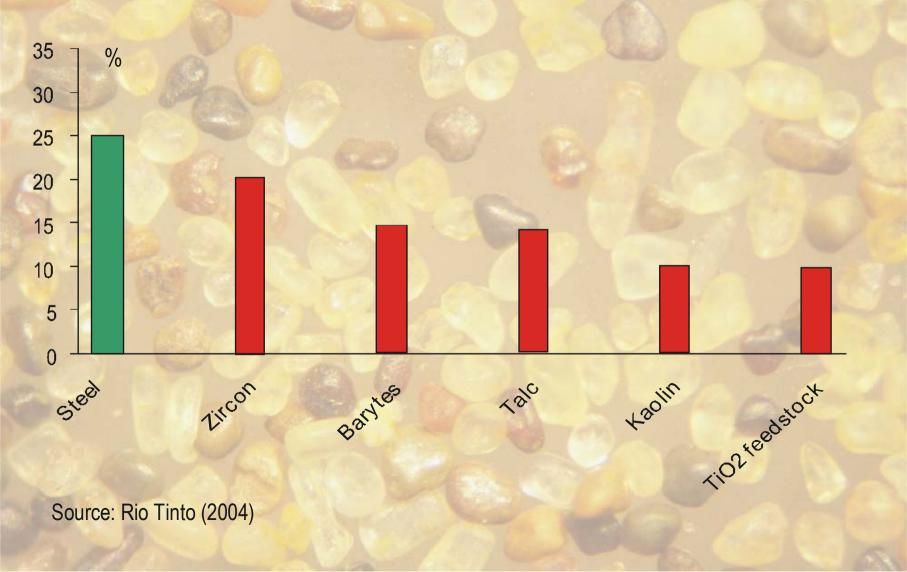


Source: The Economist 8 Feb 2003, based on data from CLSA.

# China's shares of world consumption



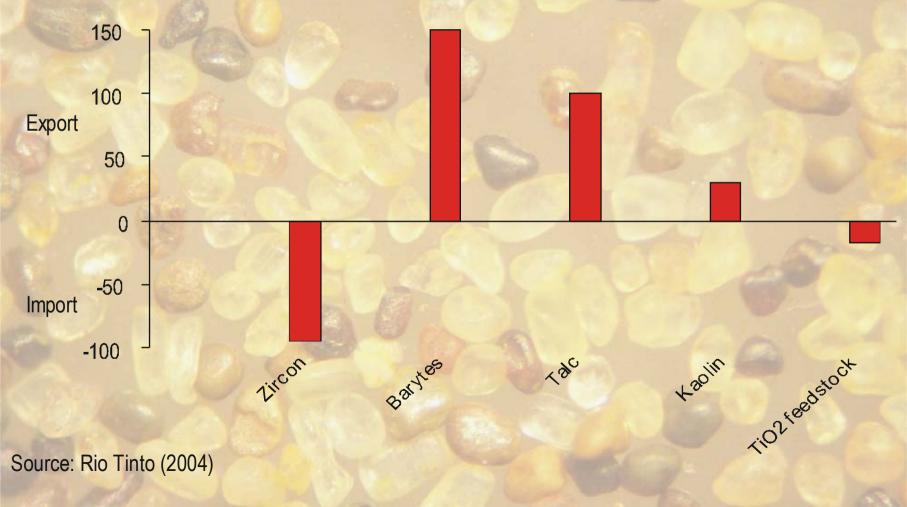
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# China's net trade in industrial minerals

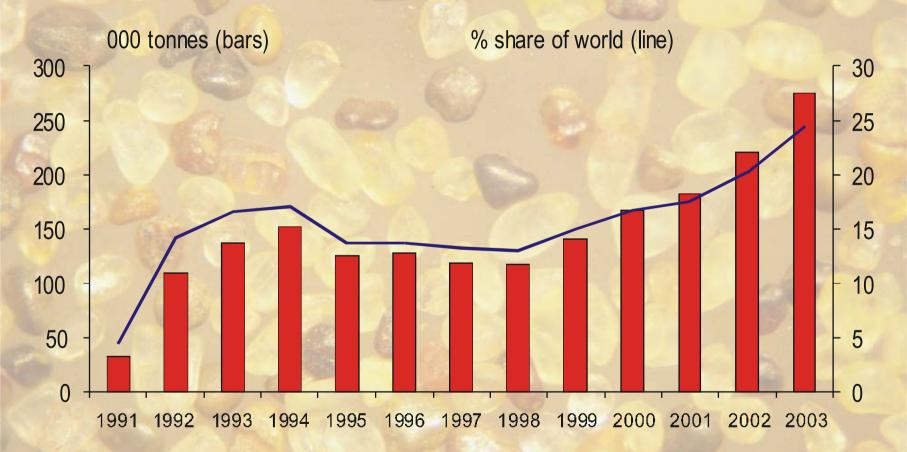


Imports or exports expressed as a % of domestic consumption



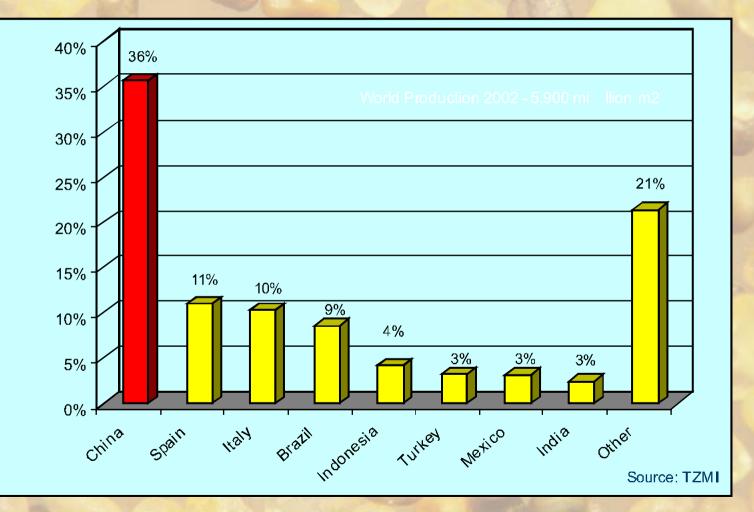
## **China's consumption of zircon**





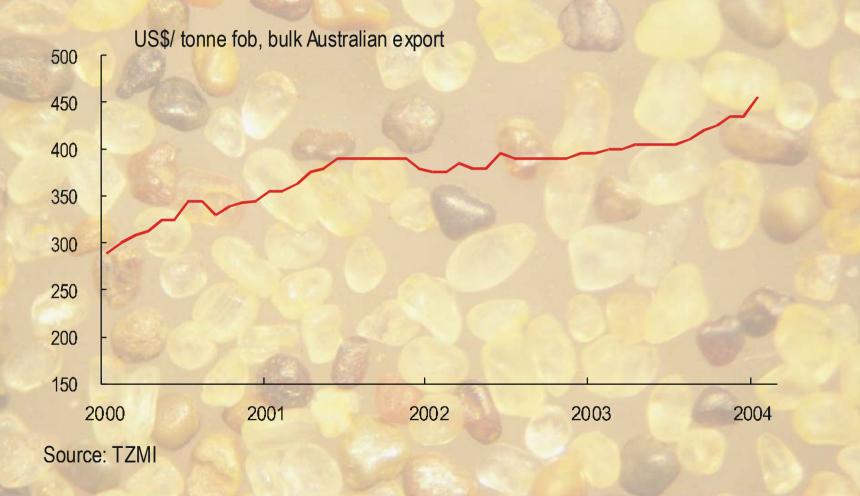
### **World Tile Production - 2002**





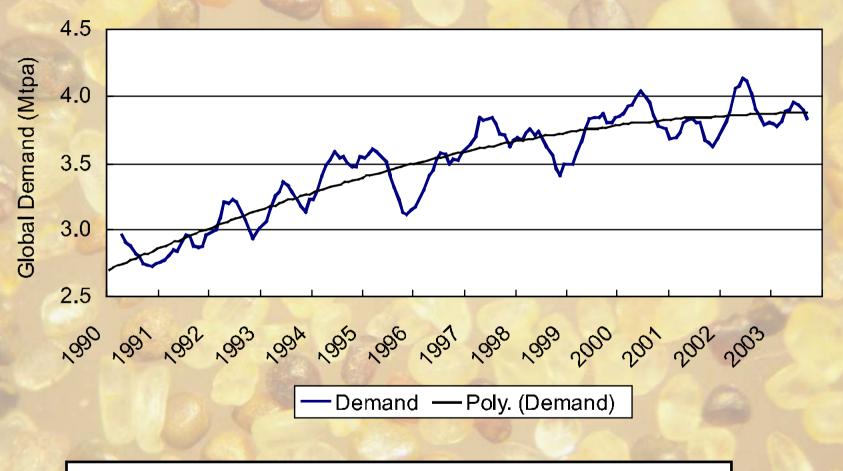
## **Zircon price**





## **Polynomial Fit of TiO2 Demand**



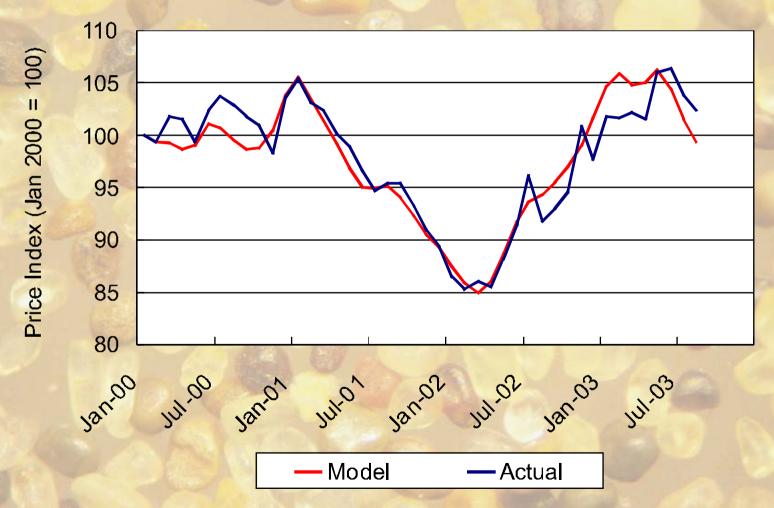


Polynomial trendline gives Growth = 0.4% at end 2002

Source: Huntsman Tioxide 2004

# TiO2 Pricing Model – Global Average Price 2000-2004





Source: Huntsman Tioxide 2004

# **Coburn BFS – Current Status**

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Test Par	Pre Scoping	<u>Scoping</u>	PFS	BFS		
Accuracy	< 35%	<mark>30 – 35%</mark>	20 – 25%	10 – 15%		
Resources	12 6			Teles		
Reserves †	See.	- 6		-		
Mine Optimisation		0	DA	30		
Mine Equipment	50		100 AV			
Metallurgy	1-00	2000	OT PL	-		
Concentrator *	00		1 miles			
• MSP *		(-1)-à				
Infrastructure		an ar		9 9 -		
<sup>†</sup> Needs final cost data * Design/Costing						

### Improvements to Date: PFS Review to BFS Progress Report GUNSON RESOURCES LIMITED

1. Resource -

32% increase overall64% increase at Amy South grid

2. Mining -(27% of cost) 20% cost reduction

- 3. Concentrating Recoveries better (34% of cost)
- 4. Environment -
- 5. Market -
- 6. Flexibility -

**Risk reduced by flora/fauna studies** 

Zircon up 34%

**Concentrate sale a viable option** 

### Coburn Project – Environment/Licensing Schedule



1 martine 1	2004			2005		
All of	Q2	Q3	Q4	Q1	Q2	Q3
Baseline Studies						
Stakeholder Consultation		60				
Public Environmental Review (PER) & EMP						
NOI & Works Approval	Contraction of the	1	-			1
Mining Permits		A		SY .	6	
Native Title Negotiations					9	( in )

# Conclusions



- Coburn BFS delayed until late 2004
- Scope to improve financial returns from PFS Review
- Zircon market particularly strong Gunson potentially 7% of world market
- Drilling for copper at Mount Gunson late May



#### **GUNSON RESOURCES LIMITED**



**David Harley** 

May 2004