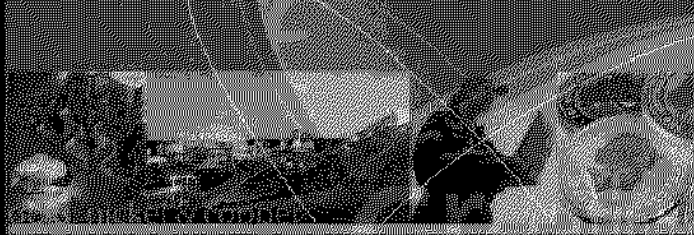


St Barbara Mines Limited



the opportunity for
stbarbaramarch2005

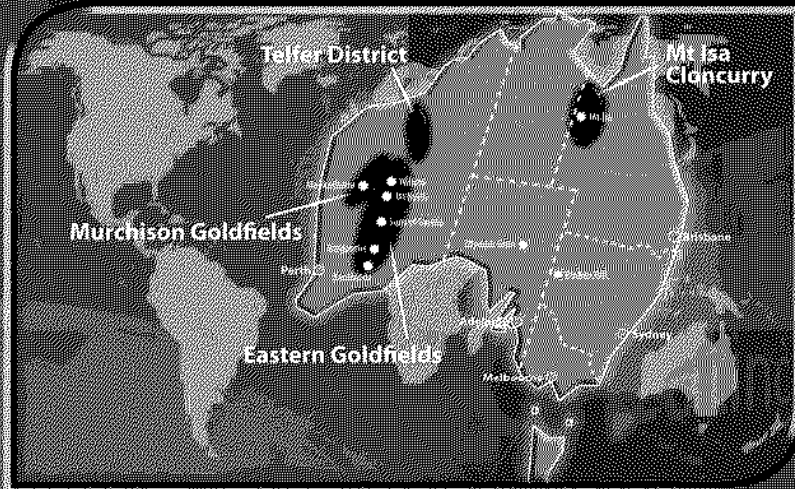


& Objectives

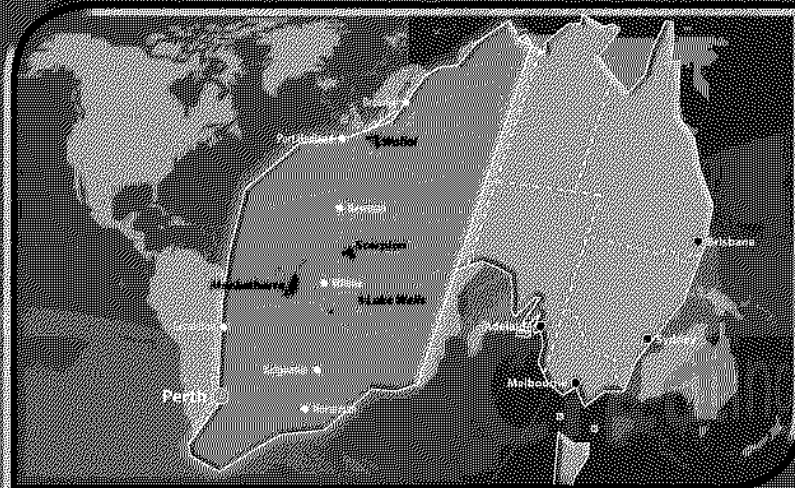


- Establish a landbank and explore for gold, nickel and copper in Australia
- Make strategic acquisitions which have potential for the discovery of major mineral deposits
- Create substantial corporate growth and shareholder wealth, through exploration success over the next two years and beyond

australian exploration focus



the developing landbank





Sons of Gwalia

Gold Division

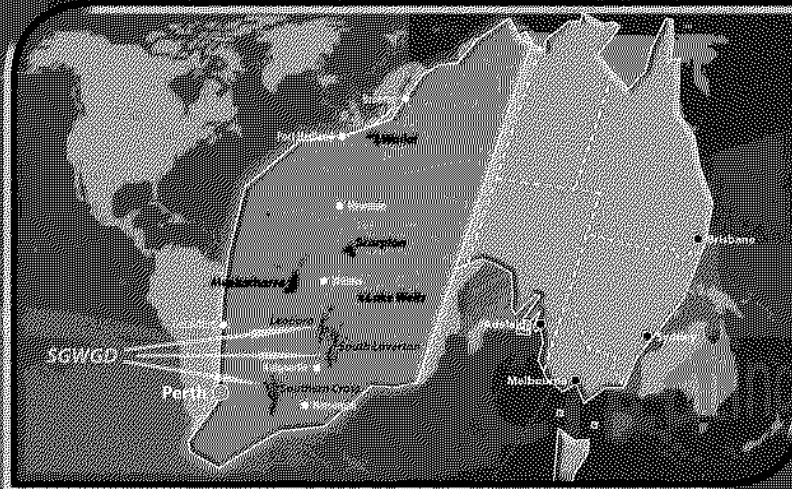
("SGWGD")

Division

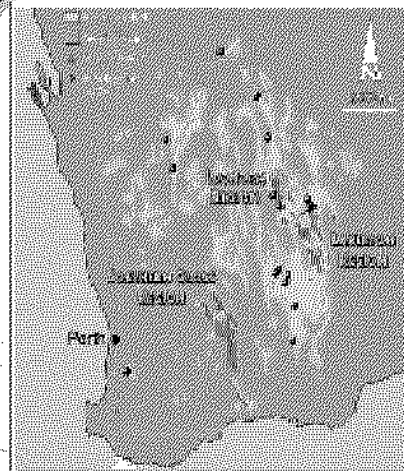
Opportunity

**Acquisition of distressed
assets for cashflow,
exploration and
development potential**

the developing and consolidated landbank



Landbank Acquisition



- Mineral resources 7.6Moz
- Remaining reserves 560koz
- Land holding of 10,000km²
- 2 gold mining operations
- Gold production 150koz @ cash cost of A\$450/oz to Dec 2005 forecast
- Produced over 400koz pa over past 8 years

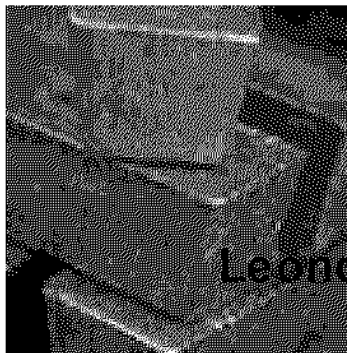
Cost of Performance Bonds

- Total cash payments of \$2M
- 28 March 2005
- Replace environmental Performance Bonds of \$30M within 60 days
- Additional Performance Bonds of \$5.7M
- 30 September 2005
- Control of operations
- 28 March 2005

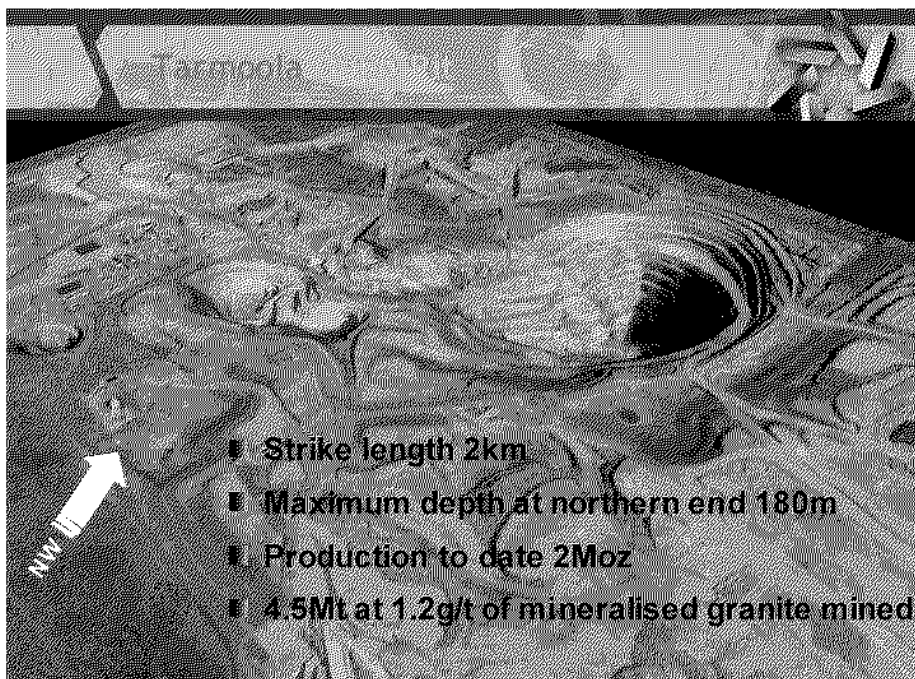
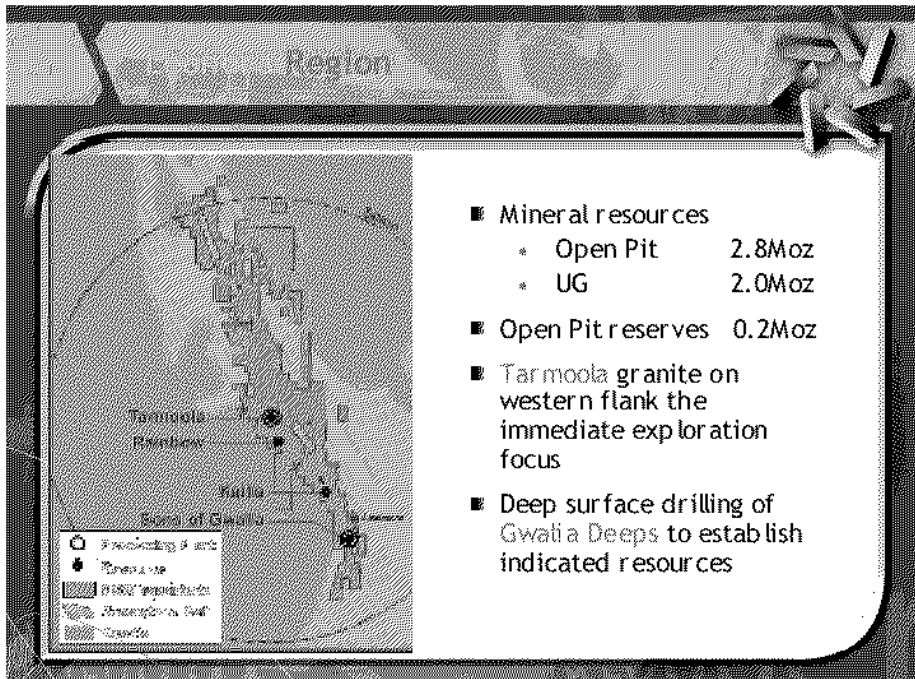
Performance Bonds

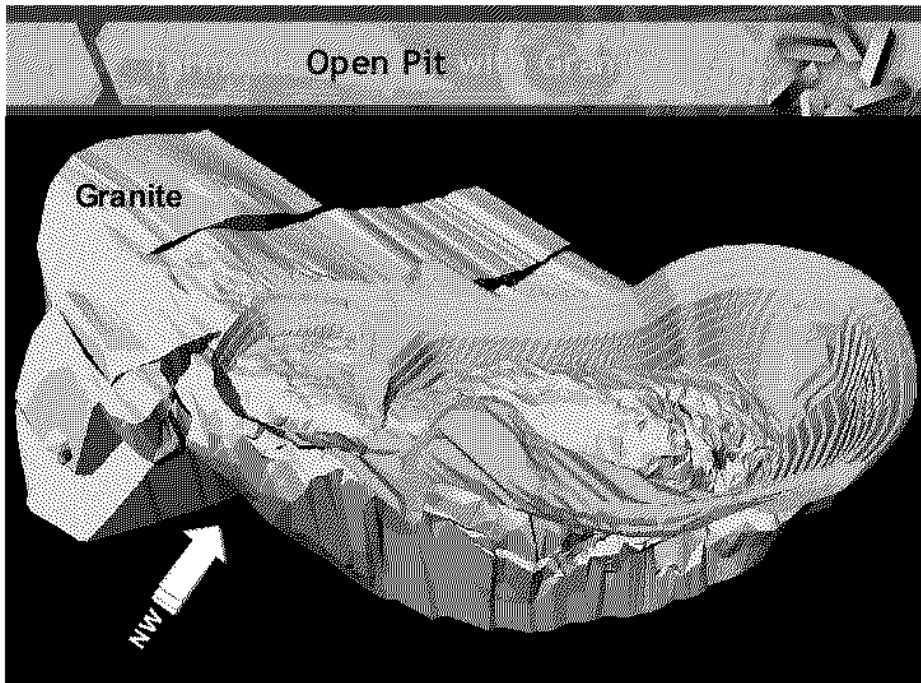
- Leonora \$14.2M
- Southern Cross \$12.4M
- South Laverton \$ 9.1M
\$35.7M
- Detailed analysis completed during due diligence
- Reductions possible by
 - Rehabilitation
 - Transfer of liabilities
 - Sale of tenements and associated bonds
- Target - bond reduction of \$12M by Dec 05

- RCF III Facility
 - \$40M line of credit
- Draw down \$11M on Closing Date
 - \$7M to be converted to shares @ 7 cents/share (shareholder approval required by 30 Nov 05)
- Facility Fee
 - Royalty at 1.5%, can be reduced to 1%
 - 0.5% for bank guarantees
 - 8% interest on Bridging Facility draw downs



Leonora

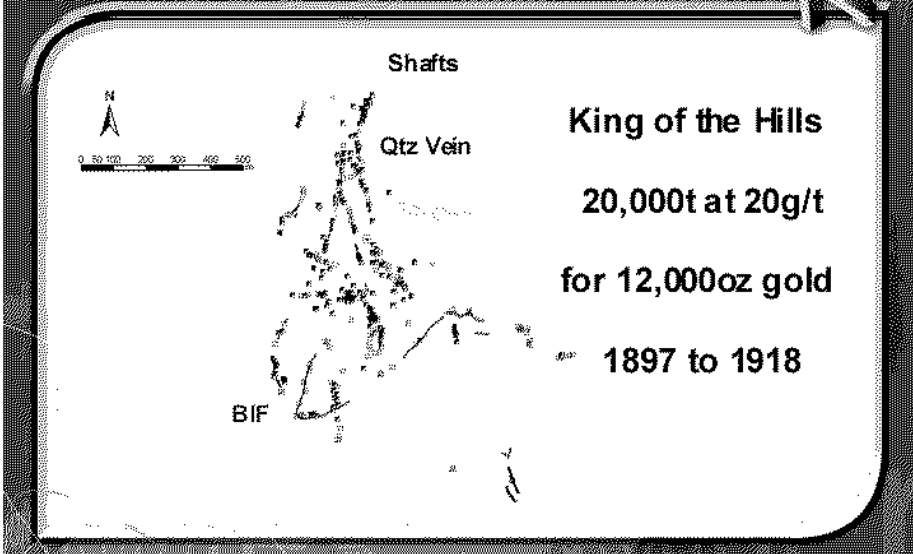




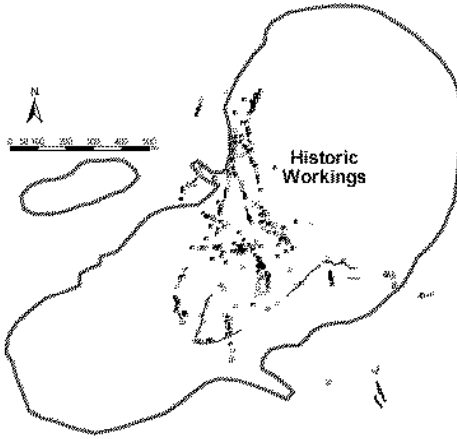
North Pit Wall Failure - February 2004



Barrochua History



Tarmoola History

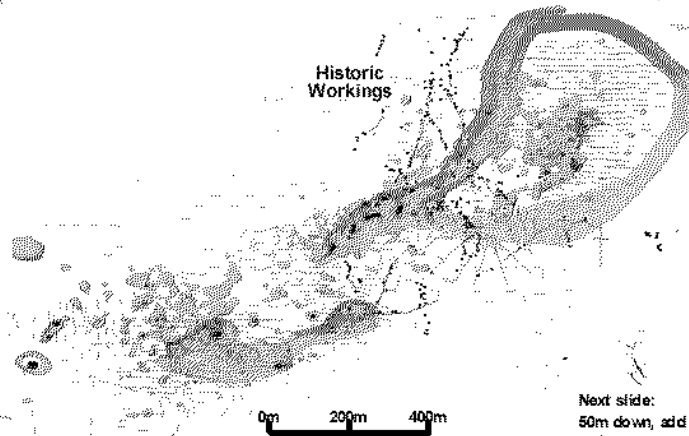


Current pit outline

**7.8Mt at 1.4g/t
(325,000oz)**

2001 - 2004

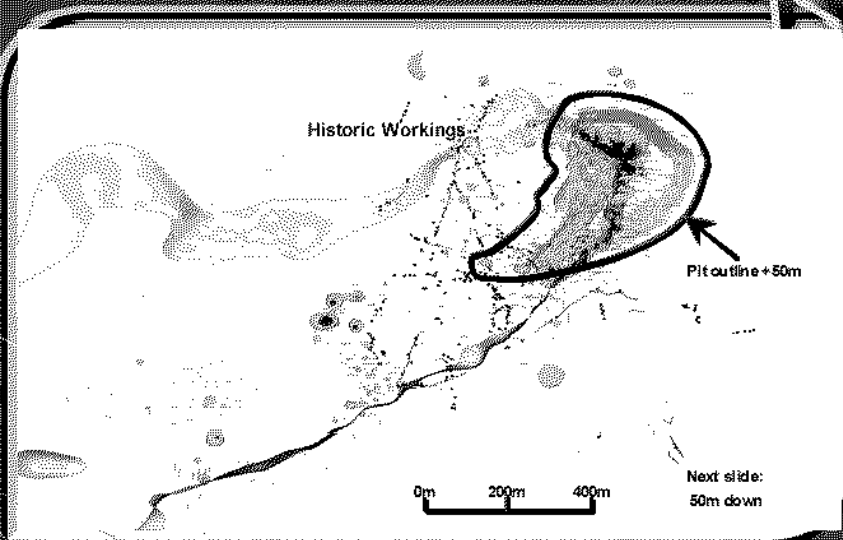
100m below surface



Next slide:
50m down, add granite

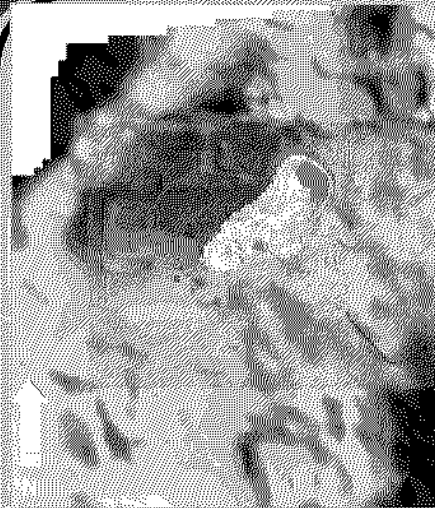
Plan

Delany system



Tarnoola Open Pit

big picture



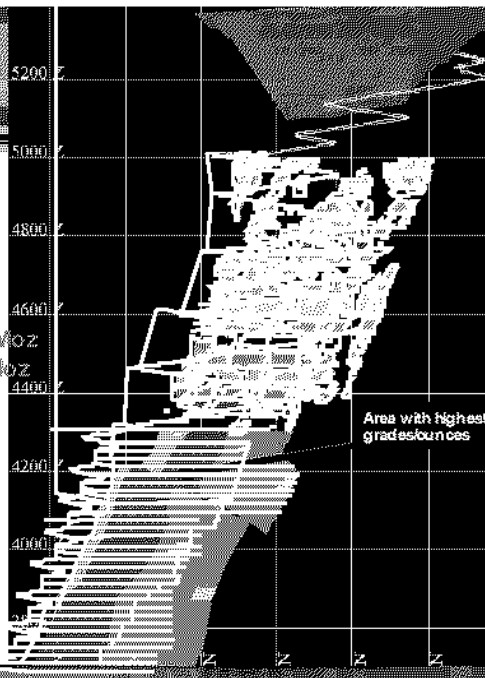
- Gravity low (in blue) reflects granite
- Pit located on gravity gradient
- Gravity gradient defines important structures
- Gravity confirms testing of western flank
- Also suggests potential immediately to north

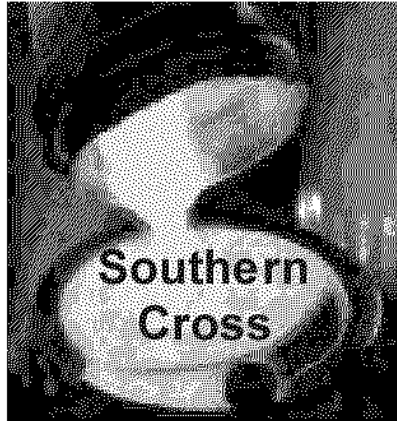
History of Cavalita Mine Historic Production

	Start	Finish	Tonnage (Mt)	Grade (g/t)	Gold (ozs)
Previous owner - UG mining to 1073mBS	1896	1963	7.3	11.4	2.60
SGW - Open Pit to 280mBS	1983	1999	12.5	3.3	1.30
SGW UG to 375mBS	1999	2003	1.1	4.1	0.15
Total			20.9	6.0	4.05

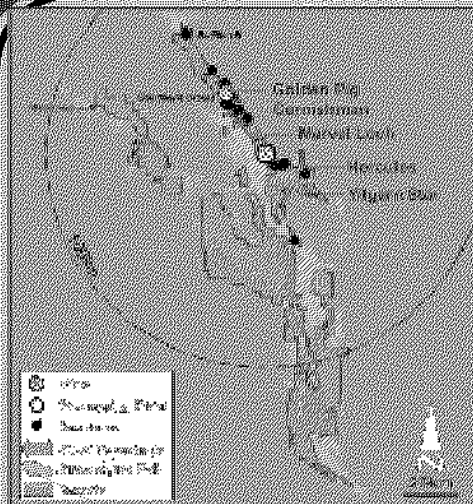
Decline Projection

- Decline to 375m
- Base of historic underground mining 1,000m
- Resource:
Interim 8.3Mt @ 3.3g/t for 0.8Moz
Deeps 6.6Mt @ 8.4g/t for 1.8Moz
- Concept to generate cash is to extend decline and mine intermediates
- Initial Deeps production thru decline followed by raised bore shaft



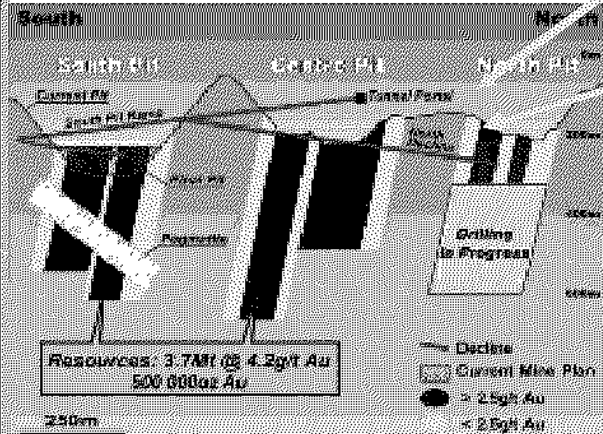


Cross Region



- 2.1Moz Resources
- 0.5Moz Reserves
- Production from Marvel Loch Open Pit and Underground
- Suspension of Golden Pig April 2005
- Forecast gold production for June 2005 quarter 50,000oz
- Cash cost \$400/oz

Underground



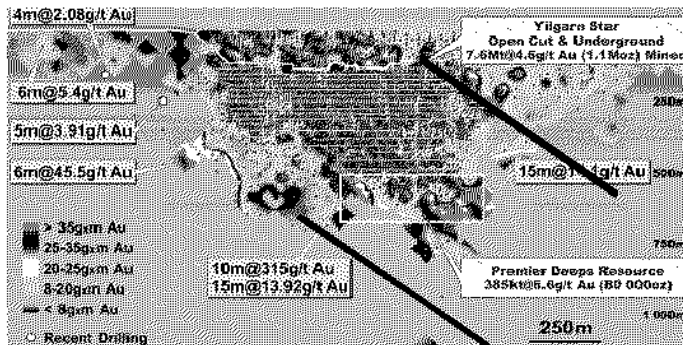
Resources:
0.4Mt @ 6.2g/t Au
80,000oz Au

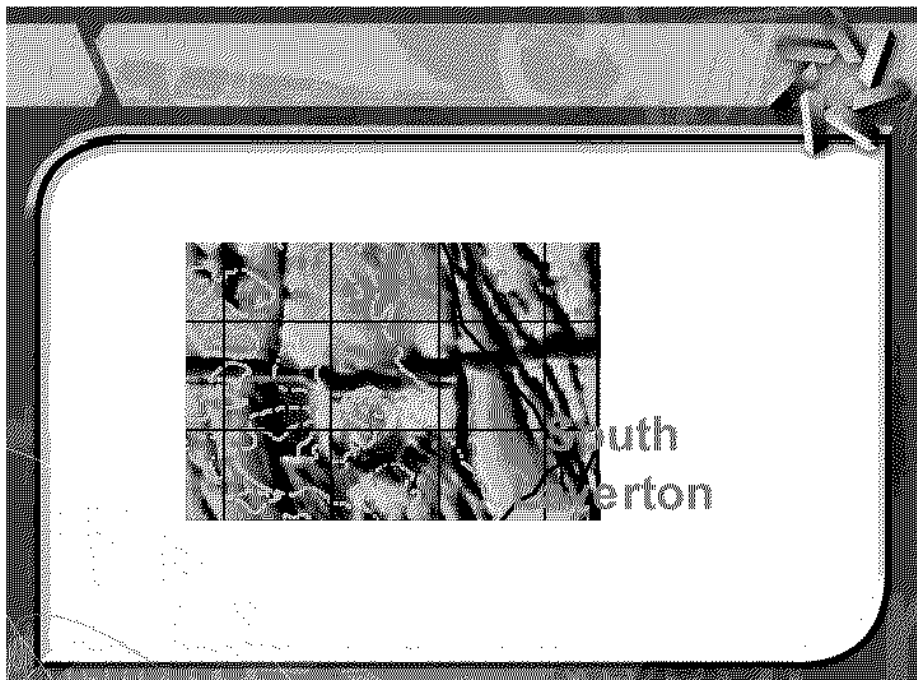
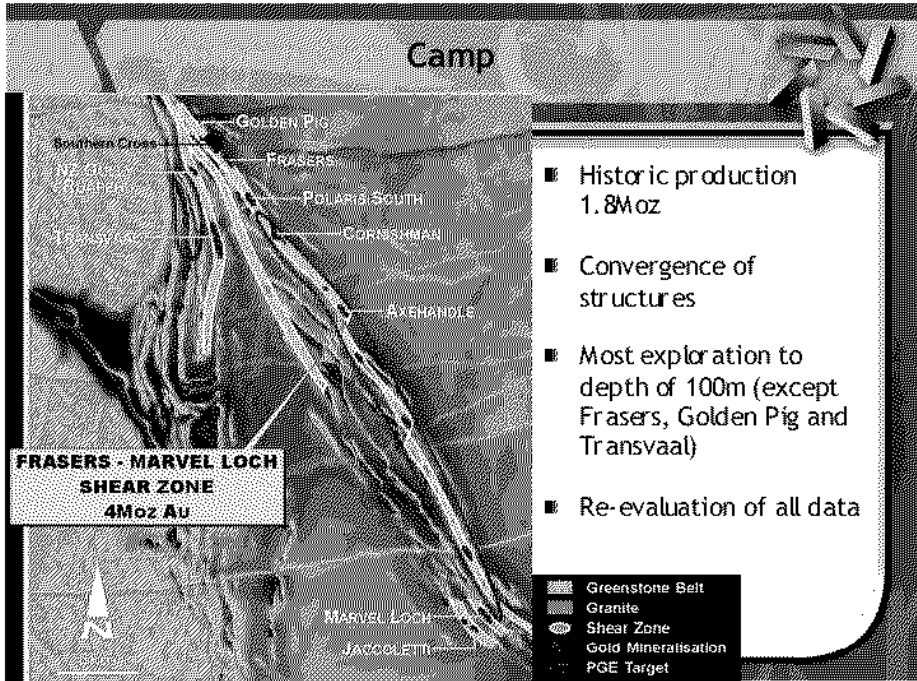
Resources:
0.1Mt @ 20g/t Au
70,000oz Au

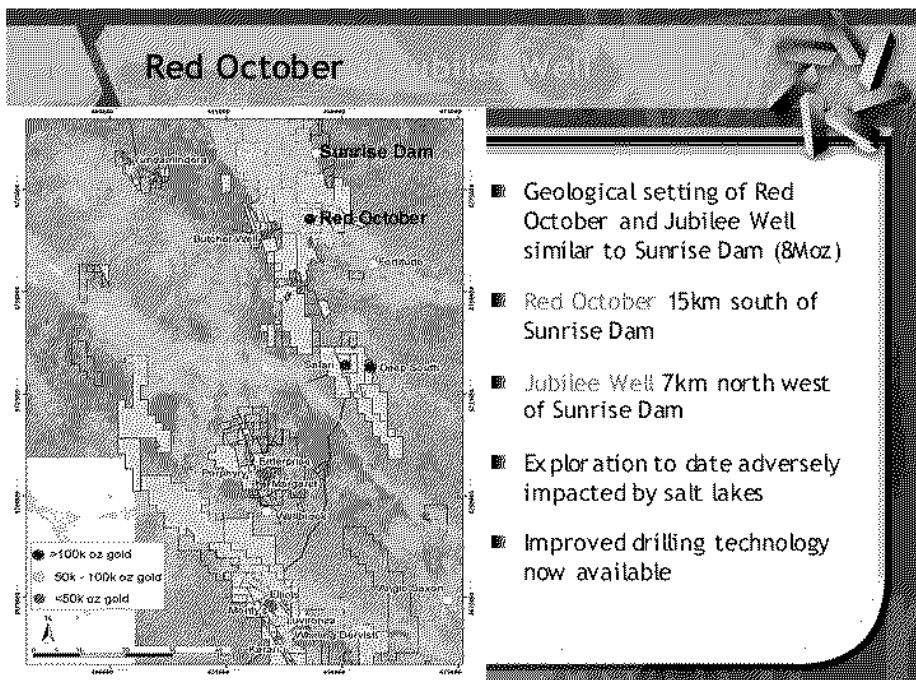
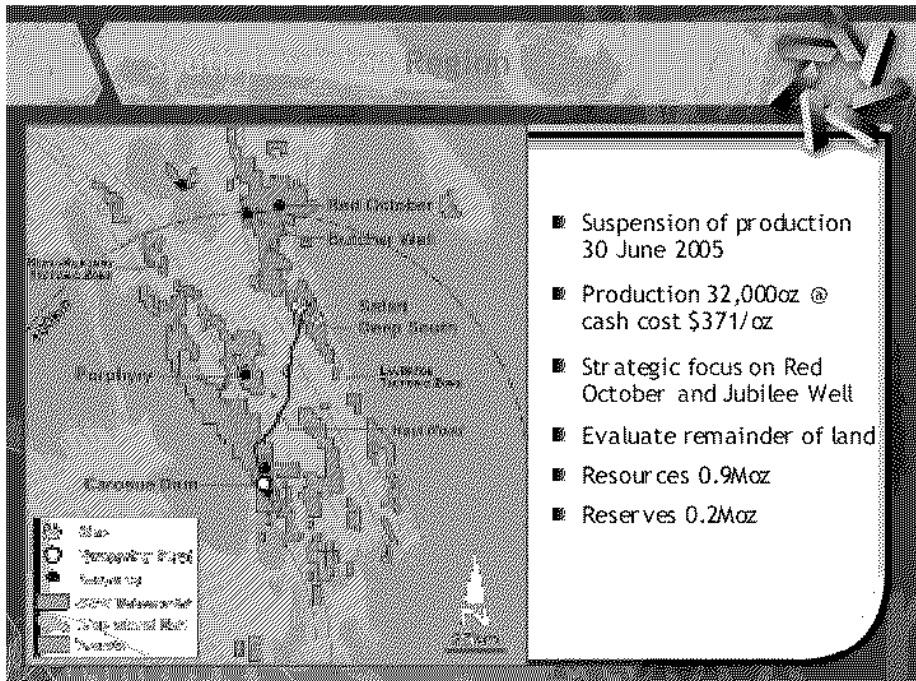
- Lodes are open at depth
- Areas between lodes are sparsely drilled
- Infill drilling will improve shoot definition

Long Section

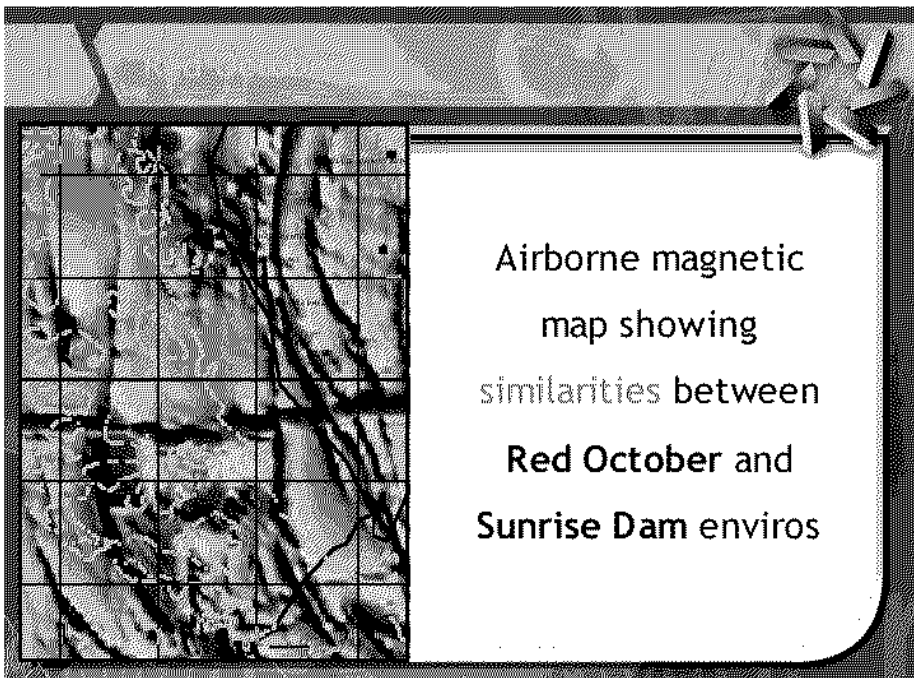
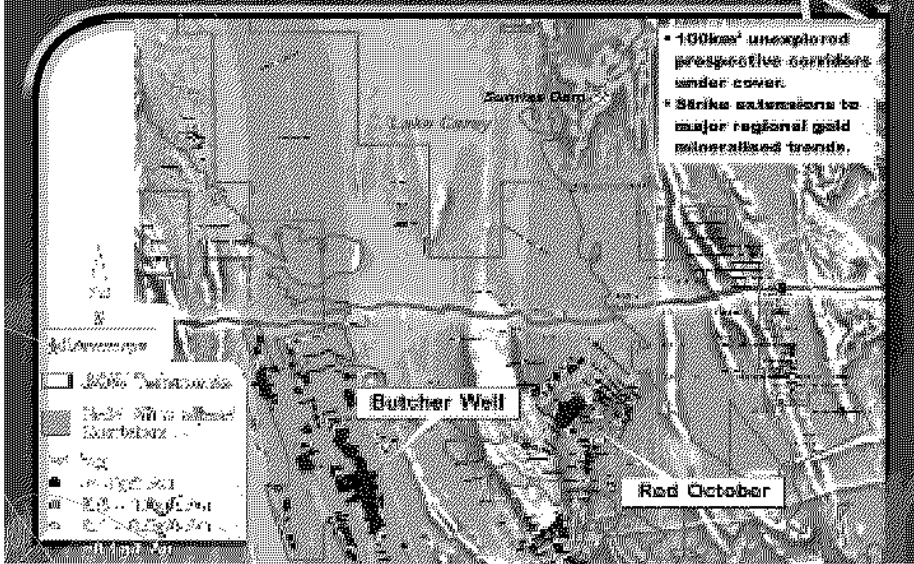
- Drilling from surface to accelerate evaluation
- Potential to increase ounces per vertical metre
- Underground developments exists to 600m
- Currently on care and maintenance







Red October



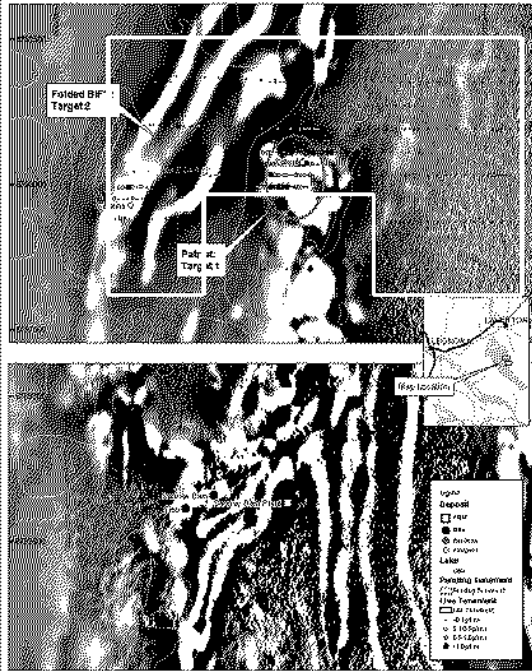
Patriot

- Gold associated with granite

Catalina

- Similarity to geometry at Sunrise Dam
- Some drilling ineffective

SGW 80% ownership





Exploration & Development Strategy

- Tarmoola - drill granite and overlying ultramafic rocks along western and northern flanks of pit
- Gwalia - commence early deep drilling from the surface to convert at least 1Moz to indicated mineral resource status
- Performance Bonds - reduction program

Leonora

Development & Production Objectives

- Drilling completed by June 2006
- Feasibility studies December 2006
- Tarmoola plant upgrade to 5Mt
- Ore production from Gwalia Intermediates and Tarmoola open pit Sept 2007 quarter
- Annual production rate 250,000oz

Treatment



Cross

- Optimise cashflow from production
- Performance bond reductions
- Marvel Loch North underground drilling to increase reserves
- Yilgarn Star surface drilling to test down plunge in mineralised envelope
- Southern Cross Camp data re-evaluation
- Nickel sulphide mineralisation potential assessment

Laverton

- Optimise cashflows prior to suspension of operations scheduled 30 June 2005
- Red October & Jubilee Well**
- Evaluate all past data by September 2005
 - Commence strategic drilling by December 2005 quarter



Meekatharra Exploration

Meekatharra

Historical Production

■ Paddys Flat, open pit and underground	3.0
■ Bluebird, open pit (30mt @ 1.7g/t)	1.5
■ Reedys, open pit and underground	<u>0.4</u>
	4.9Moz

Resources & "Possible Reserves"

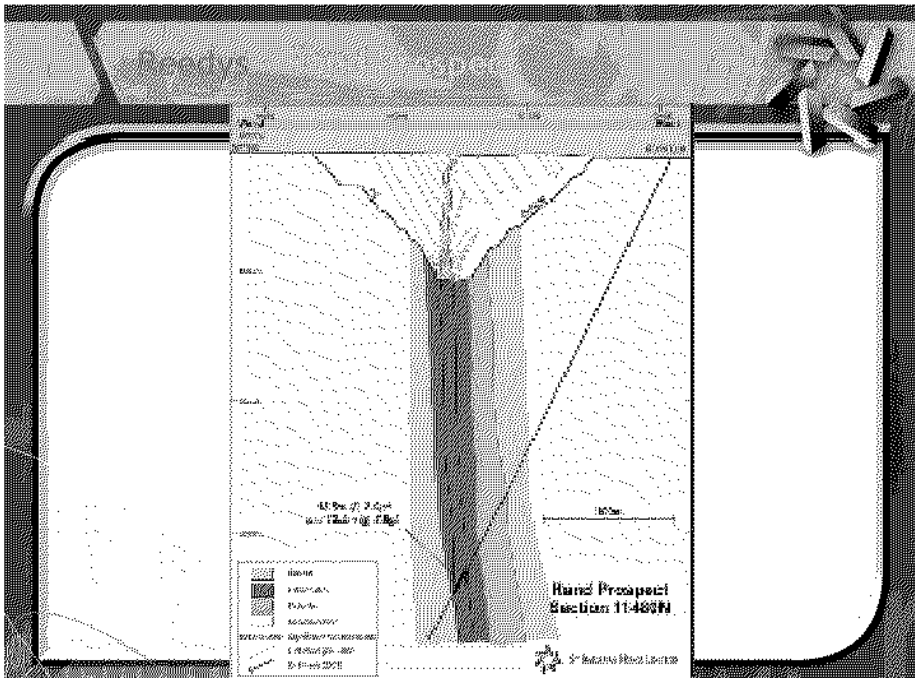
- Resources (100% owned) total - 11.1mt @ 3.2g/t for 1.132Moz
- Target to expand by drilling to 15mt @ 3.0g/t for 1.5Moz which may generate "reserves" of 8mt @ 2.5g/t for 600,000 oz, if current drilling successful

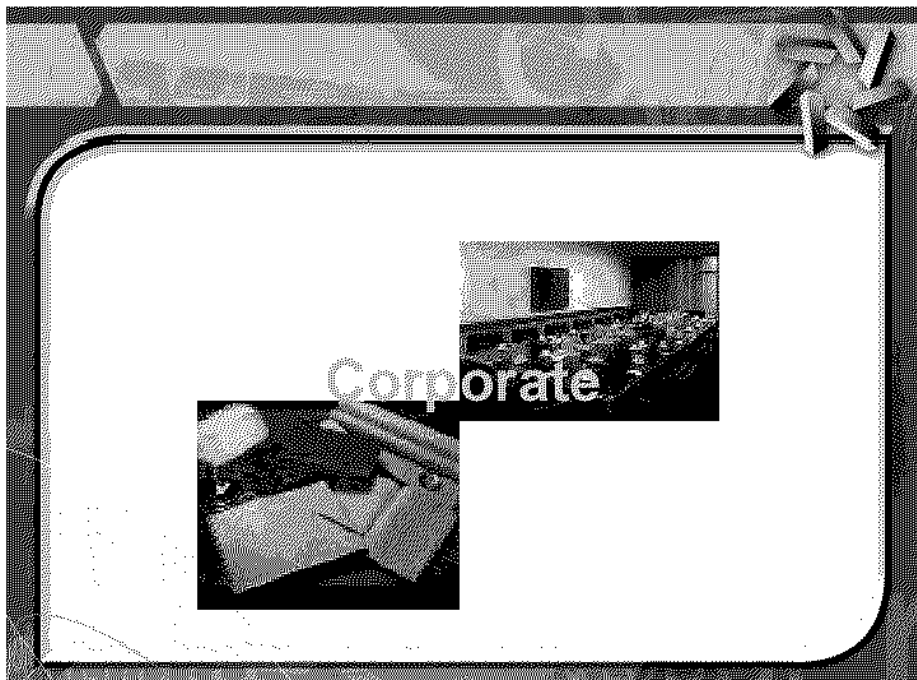
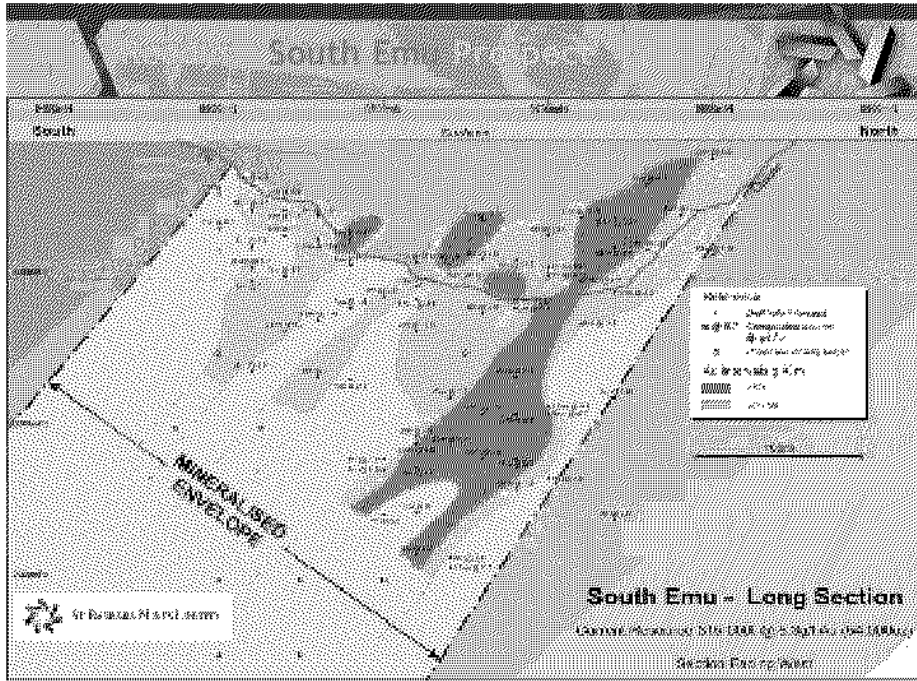
Future Annual Production Target
(commencing approximately March quarter 2006)

- Open Pit 1.50mt @ 1.7g/t 70,000 oz
- Underground Prohibition 0.25mt @ 4.0g/t 30,000 oz
- Underground Vivians-Consols 0.25mt @ 7.4g/t 45,000 oz
2.00mt @ 2.3g/t 145,000 oz
- Production of 145,000 ounces per annum initially for 4 years

Development & Capital Estimate

- Underground (Vivians & Prohibition) 15
- Open Pit Pre-strip 5
- Plant refurbishment 5
- \$25M





- **Colin Wise:** Non-executive Chairman
legal counsel / corporate governance
- **Eduard Eshuys:** Managing Director & CEO
geologist
- **Hank Tuten:** Non-executive Director
investment banker
- **Mark Wheatley:** Non-executive Director
engineer / corporate development

Shareholders

	<i>shares</i>	<i>%</i>
■ Resource Capital Fund II LP	177.9M	31.4
■ RAB Europe Fund Ltd	45.0M	7.9
■ St James Place Recovery Trust	40.4M	7.1
■ Issued capital	566M	

of Events

- July 20th - Wise & Eshuys appointed by shareholders
- Company had no cash & debt of \$8.5M
- Oct 2005 - drilling commenced at Meekatharra
- Nov 29th - buy-back of shares & sale of royalty approved
- Dec 31st - Company had no debt and cash of \$4.57M
- currently hold 85M NuStar shares valued at \$4.25M
- Feb 2005 - acquired 15M Sedimentary shares now worth \$3.5M
- drilling underway at Reedys and Paddys Flat
- March 2005 - acquisition of Sons of Gwalia Gold Division assets

Nickel Exploration Strategy

- 16 high ranking nickel sulphide targets identified
- Acquired 3,900km² of land at Wallal and Scorpion
- Further target selection continuing

new St Barbara

- Landbank - 14,800km²
- Mineral resources - 9.4Moz
- Current reserves - 560koz
- Skilled workforce - 180 people
- Gold production objective - total of 400koz pa by Sept 2007

...thank you