

Investment Analysts And Fund Managers Visit Union Platinum Mine

7 May 2004



Agenda

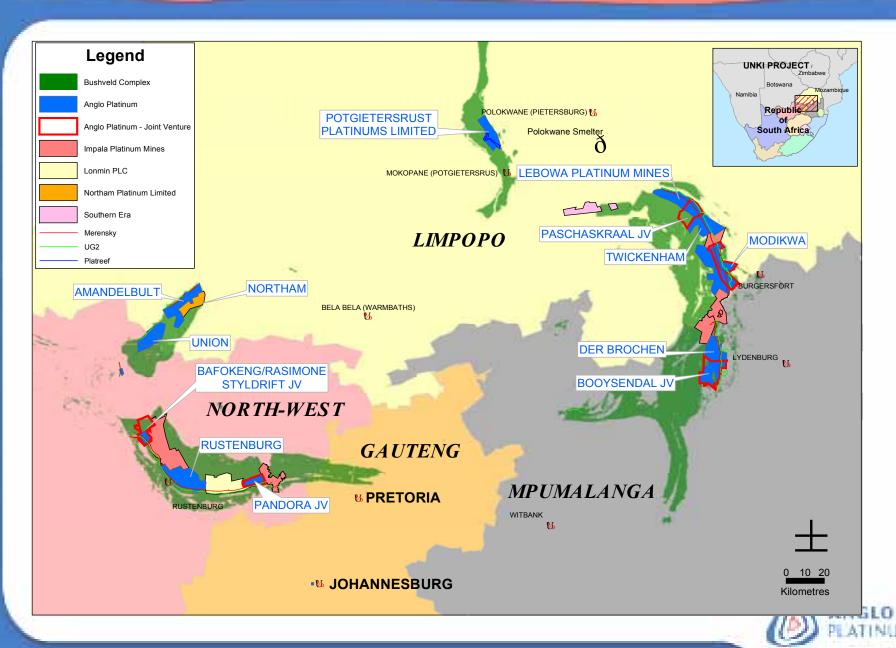
- Location
- Safety and Environment
- Geology
- Resources and Reserves
- Mining Method
- Production
- Metallurgy
- Operating Cost
- Capital Program
- Human Resources
- Key Business Issues



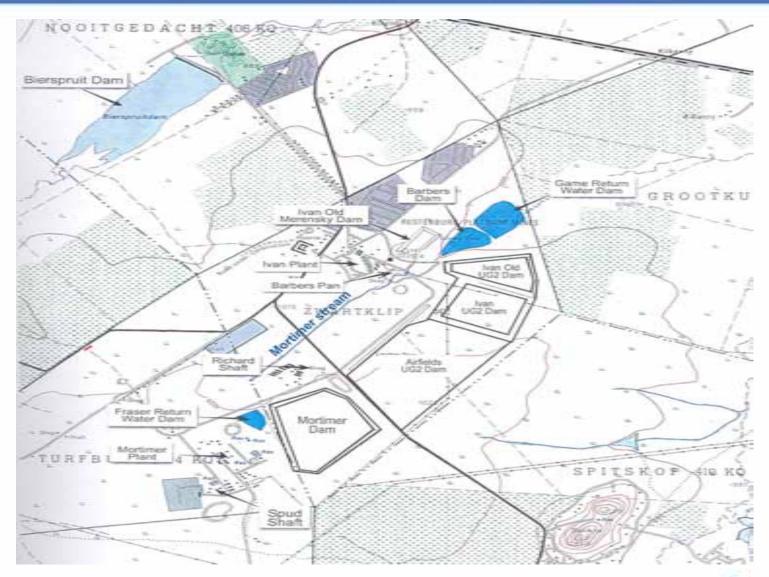
Location



UNION LOCATION



Plan of RPM Union





SHE Strategy



Union Section's Vision

We at Union Section Support the Vision & Values of Anglo Platinum by:

- Creating a culture of safety, participation, quality, excellence and being performance driven.
- By being focused on:-
 - Safe and sound mining practices
 - Employee development
 - Employee relations
 - Cost efficiency
 - Care for the environment
- Strategic management which will ensure ore body optimization, sustainable delivery and growth



Union Section's Ethos

- Care for our people
- Environmental care
- Consistent performance
- Continuous improvement
- Ensure sustainability

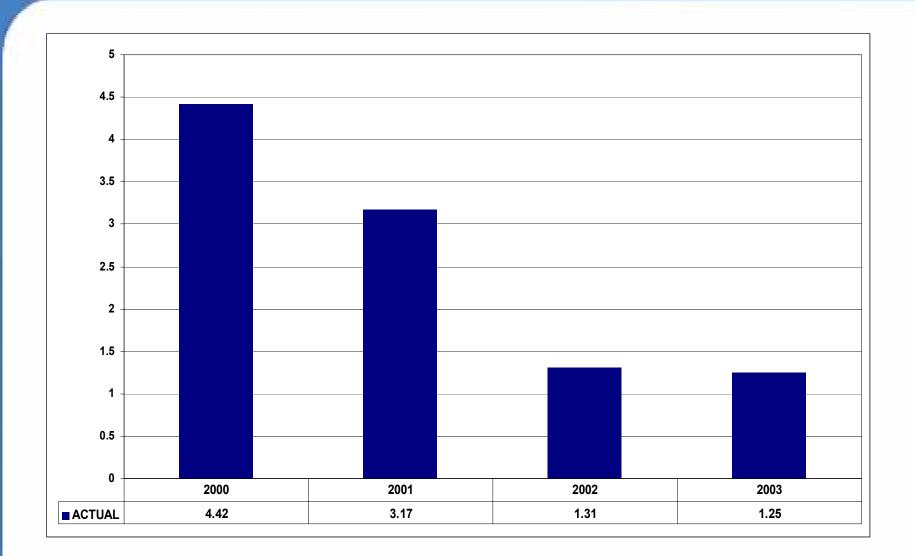


RECENT SAFETY MILESTONES ON THE ROAD TO EXCELLENCE

- •1.4 Million underground fatality free shifts.
- Surface Section
 - •6,5 million fatality free shifts
 - •fatality free for more than 9 years.
- Achieved ISO 14001 accreditation.



Union Section LTIFR-2000 to 2003





Safety Strategy

Greater participation by all

Behaviour Based Safety

Restructuring of SHE resource

Safer methods and equipment

Permanent Engineering solutions

Contractor Management

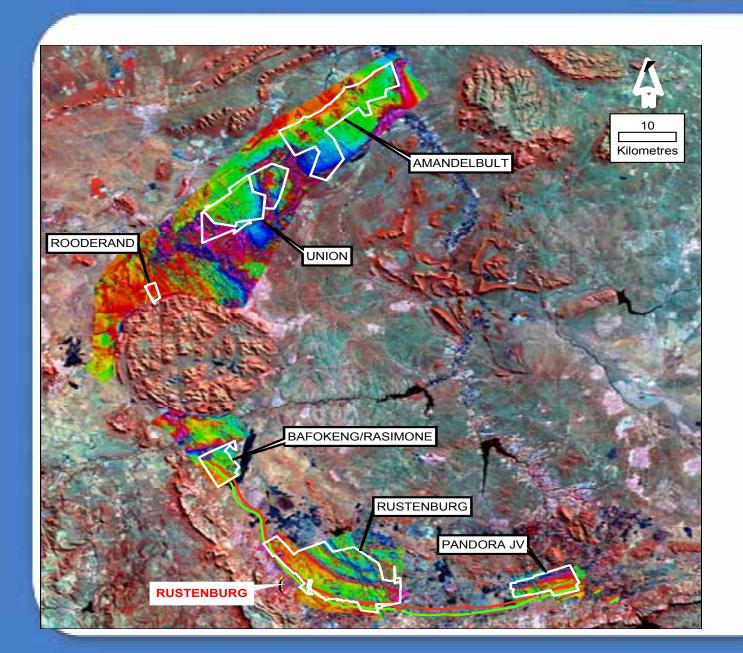
Fall of Ground prevention strategy



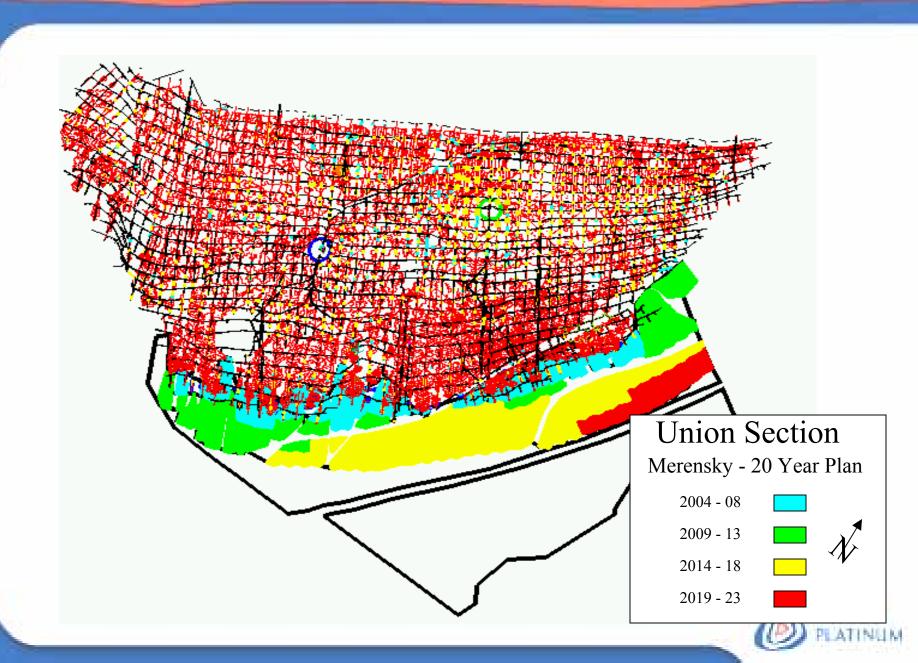
Geology

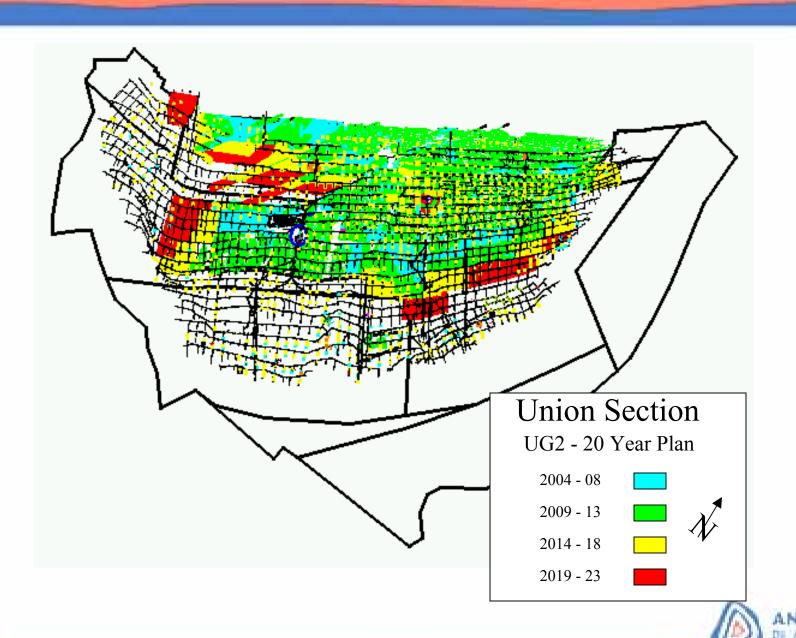


UNION LOCATION ON LANDSAT IMAGE

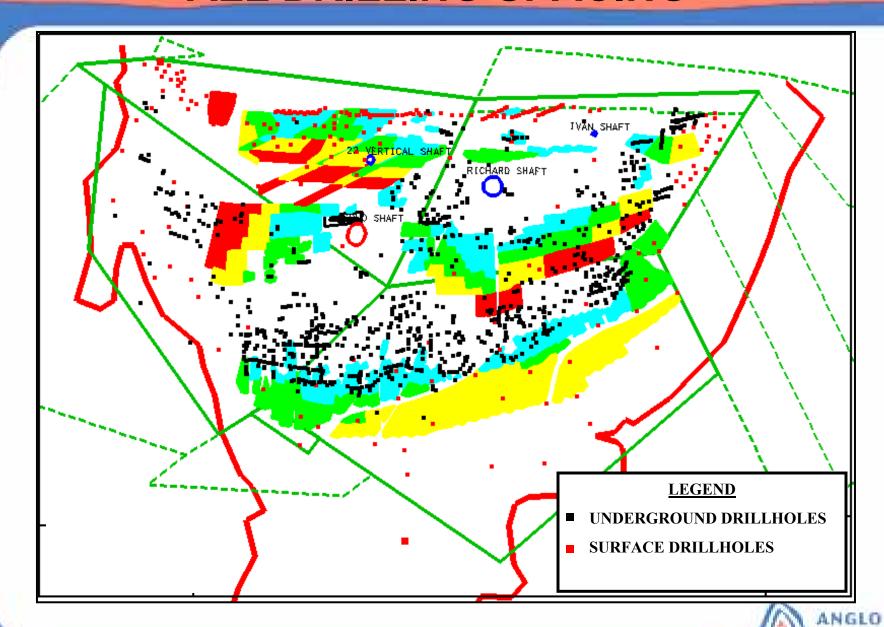




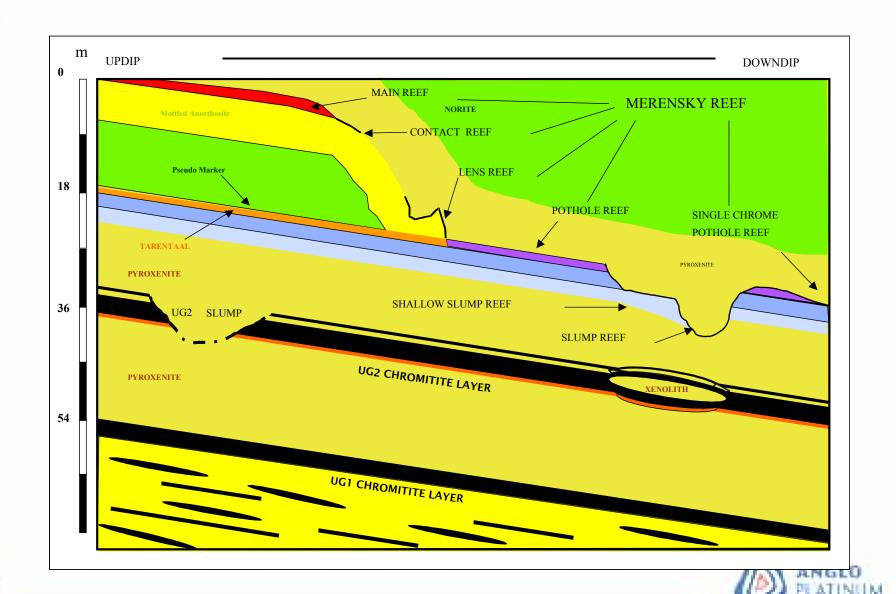




ALL DRILLING SPACING



UNION ECONOMIC STRATIGRAPGY



MINERALISATION

☐ Merensky Reef

Mining predominantly Regional Pothole Merensky Reef.

Consistent width and grade

Dip angle 18 degrees

□ UG2 Reef

Consistent width and grade

Leaders mined with main seam

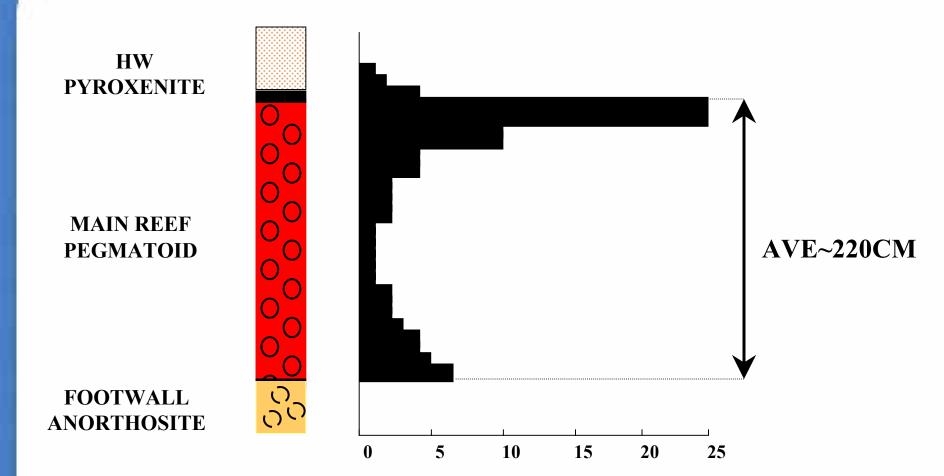
The UG2 structure on the flanks is more complex than the central area.

Minor slumping

Dip angle 18 degrees

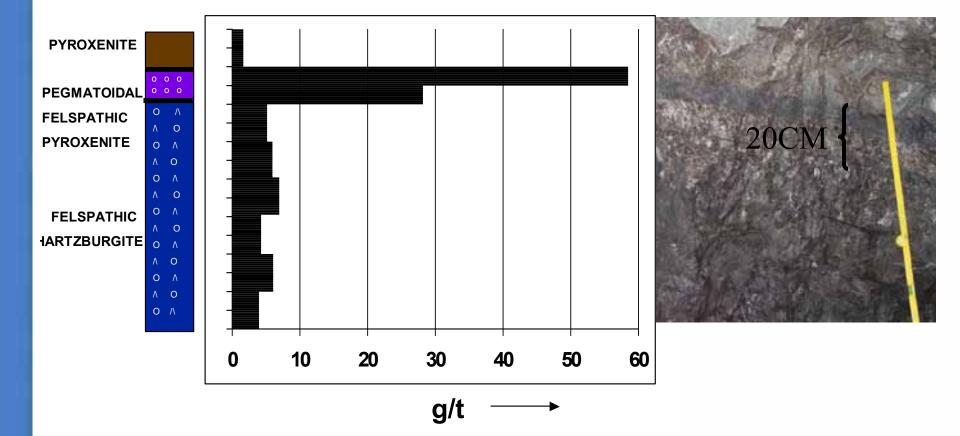


MAIN REEF CHARACTERISTICS



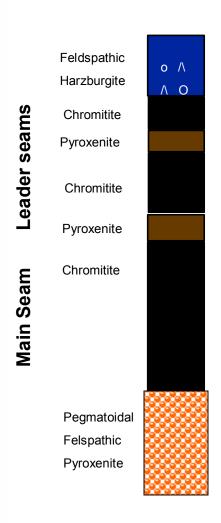


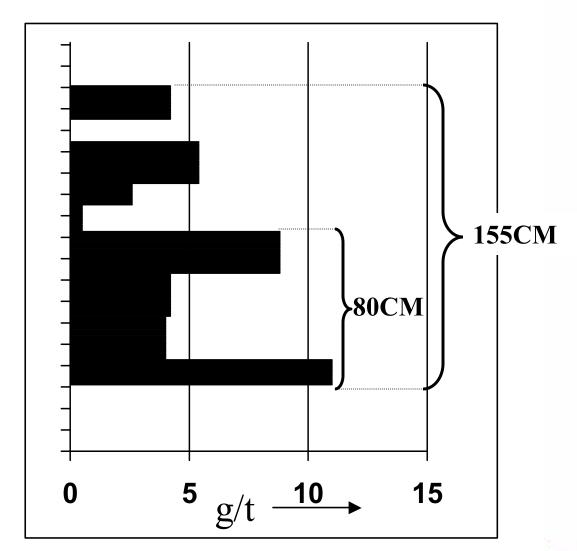
POTHOLE REEF CHARACTERISTICS





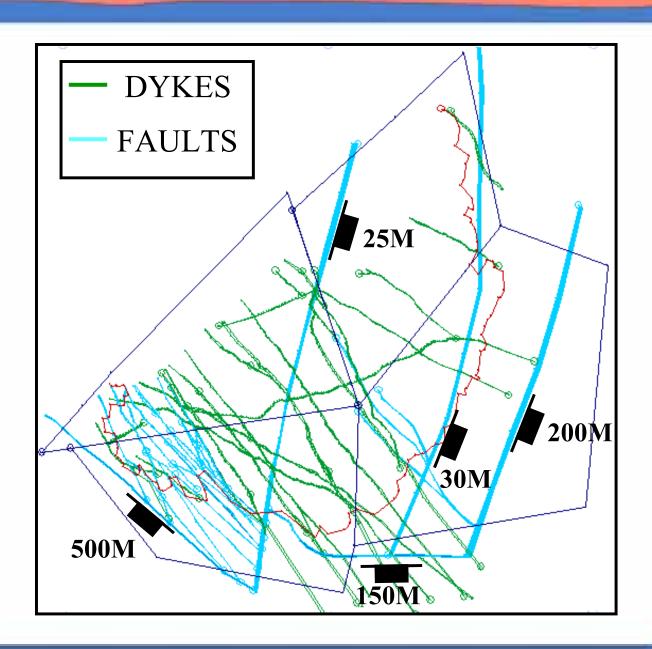
UG2 CHARACTERISTICS







MAJOR STRUCTURAL FEATURES





Resources and Reserves



RESOURCES

Ore Body	Category	Tonnage (Mt)	4E In situ Grade	4E Ounces
Merensky Reef	Inferred Resources	27.9	8.04	
	Indicated Resources	3.8	9.00	
	Total Resources	31.7	8.16	

Ore Body	Category	Tonnage (Mt)	4E In situ Grade	4E Ounces
UG2 Reef	Inferred Resources	153.6	4.64	
	Indicated Resources	5.8	4.38	
	Total Resources	159.4	4.63	

Ore Body	Category	Tonnage (Mt)	4E In situ Grade	4E Ounces
Tailings	Indicated Resources	78.4	1.16	



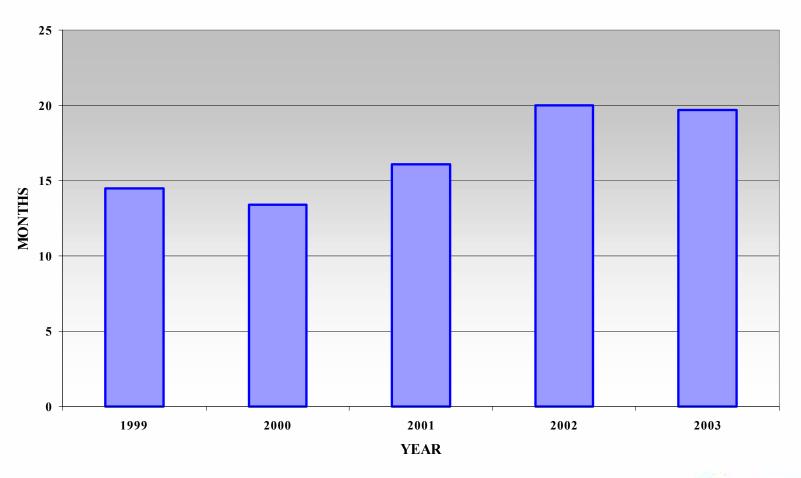
Reserves

Ore Body	Category	Tonnage (Mt)	4E Head Grade	4E Ounces
Merensky Reef	Proved Reserves	4.9	6.75	
	Probable Reserves	15.1	6.64	
	Total Reserves	20.0	6.67	

Ore Body	Category	Tonnage (Mt)	4E Head Grade	4E Ounces
UG2 Reef	Proved Reserves	13.1	4.01	
	Probable Reserves	34.1	3.90	
	Total Reserves	47.1	3.93	



MONTHS AVAILABLE ORE RESERVES

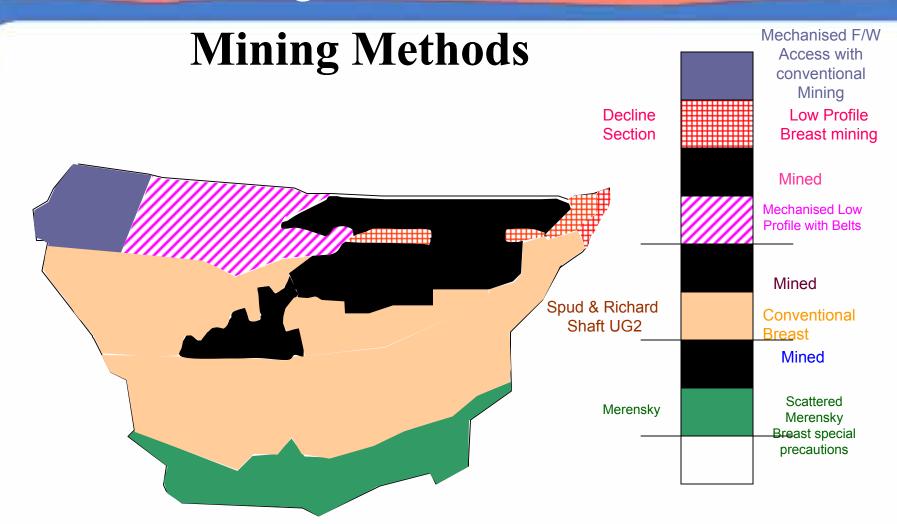




Mining Method



Mine Design

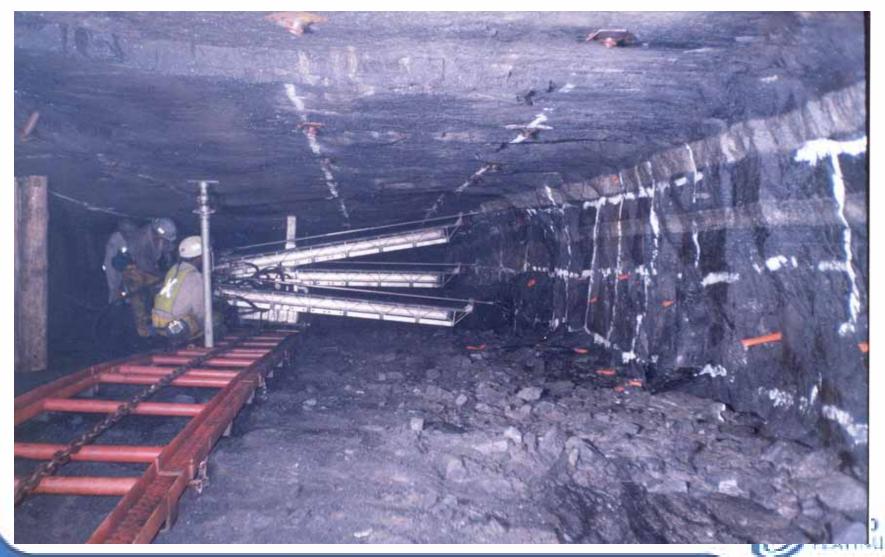




Tamrock Low Profile Roof Bolter



Sulzer Rig



4 South Portal



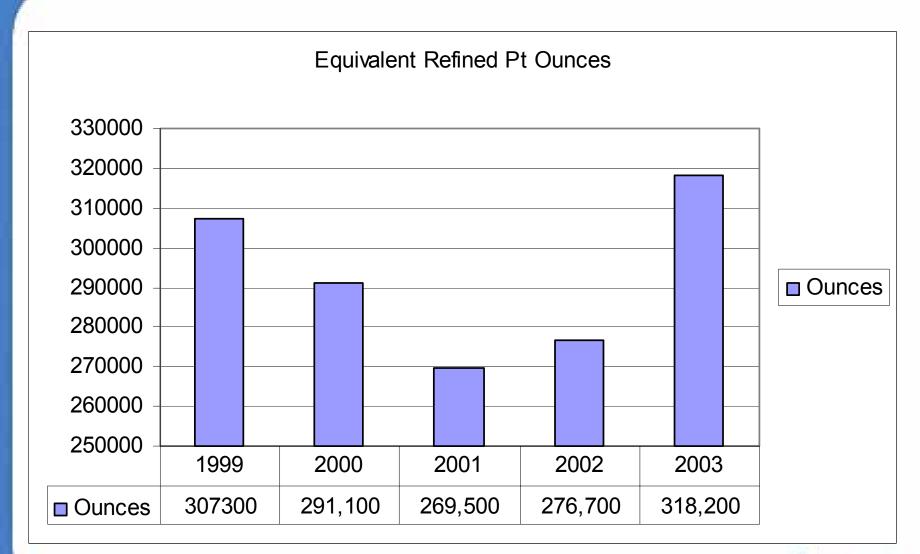
4 B Portal



Production

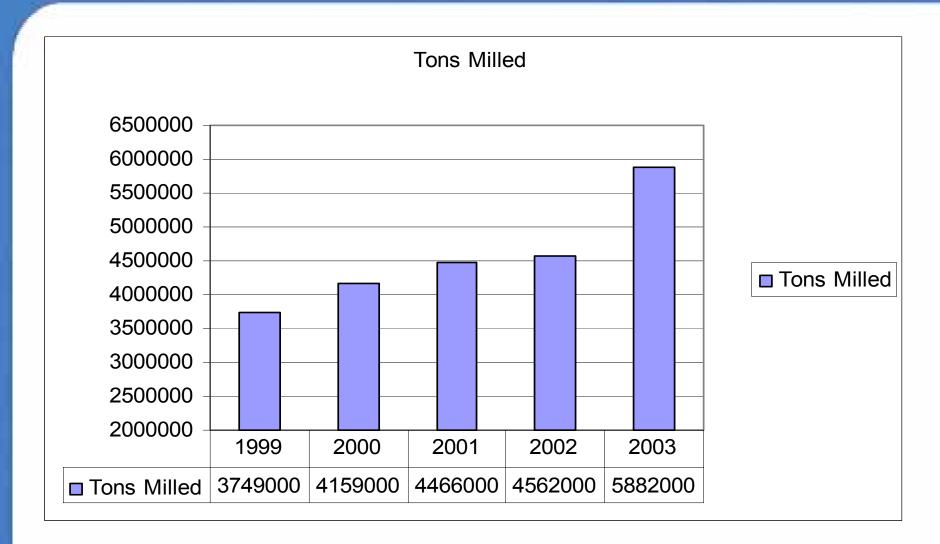


Union Section





History





Metallurgy



Metallurgical processing

Prill Splits			UG2	Mer
4E	% of 4E Total	%	100.00%	100.00%
4E	Platinum	(% of 4E split)	60.74%	61.73%
4E	Palladium	(% of 4E split)	27.52%	28.96%
4E	Rhodium	(% of 4E split)	11.18%	7.34%
4E	Gold	(% of 4E split)	0.56%	1.96%
Pt	Iridium	(% of Pt split)	6.37%	3.89%
Pt	Osmium	(% of Pt split)	-	-
Pt	Ruthenium	(% of Pt split)	24.24%	17.20%



Ivan Plant Tailings Retreatment



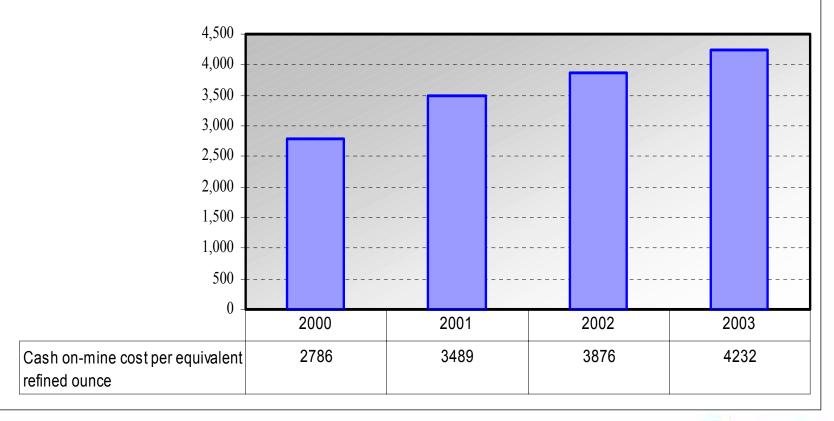


Operating Costs



RPM Union Section

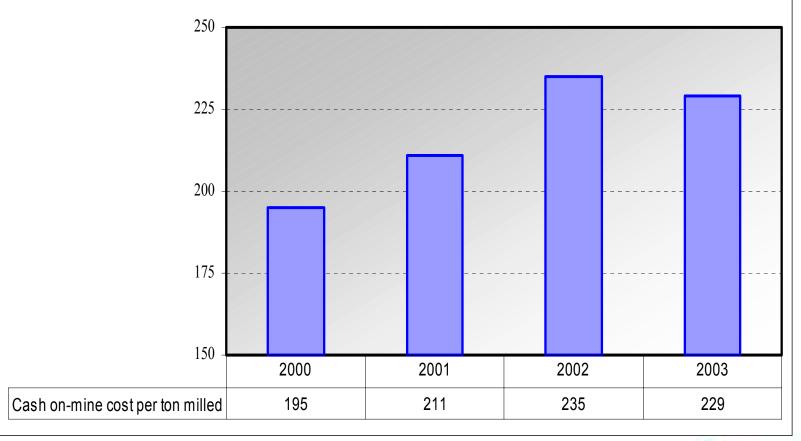
Cash on-mine cost per equivalent refined ounces



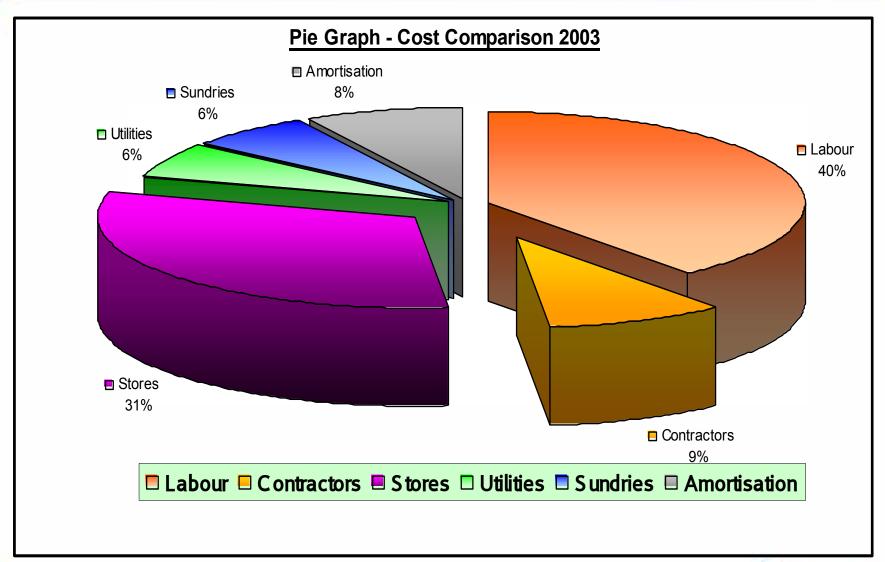


RPM Union Section

Cash on-mine cost per ton milled









COST INITIATIVES

- Concentration of Production
- Lower Cost Decline Production
- On-mine Cost Reduction



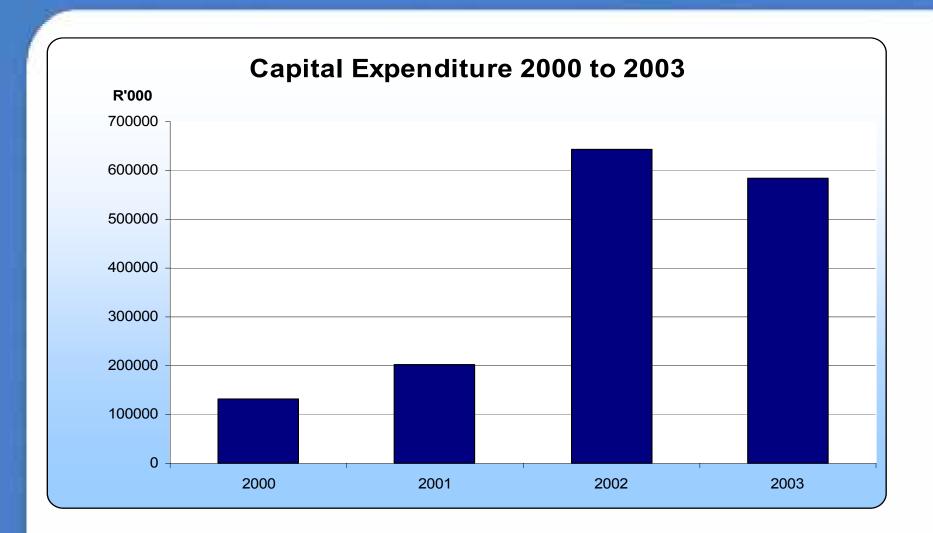
STRATEGY

- Move from deep mining to shallow mining.
- Move from conventional mining to safer, mechanised mining where appropriate and cost effective.
- Convert current high profile mechanised to low profile mechanised.
- Increase UG2 M2 production at Spud shaft and Declines.
- Extra UG2 to be milled at Ivan plant.
- Mining, Metallurgical, People optimisation.



Capital Programmes







Capital Programs

Main items 2002 and 2003

- 4B and 4South
- Mortimer plant
- Airfields tailings dam
- Infrastructure



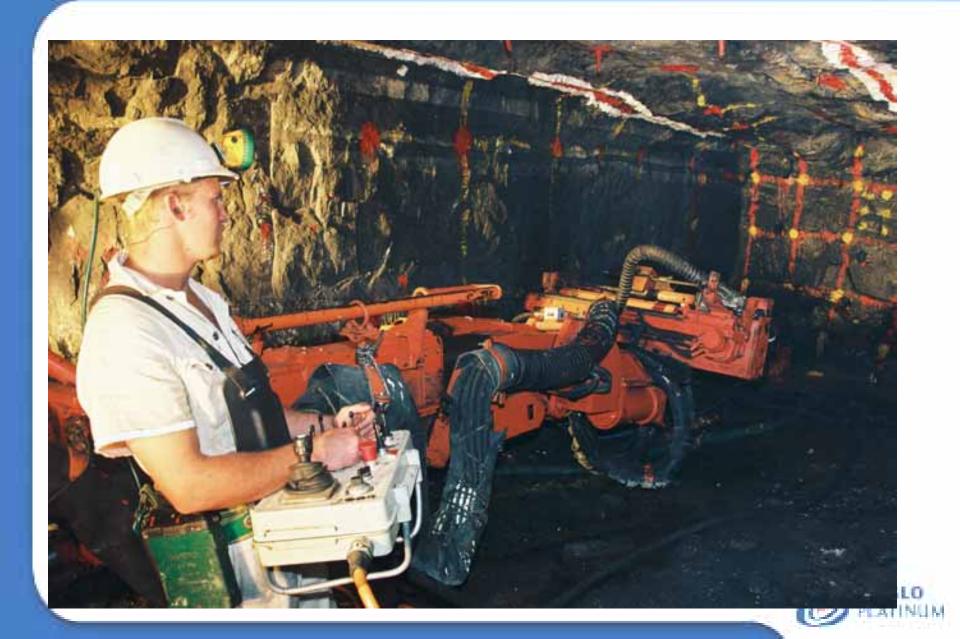
4 South Portal



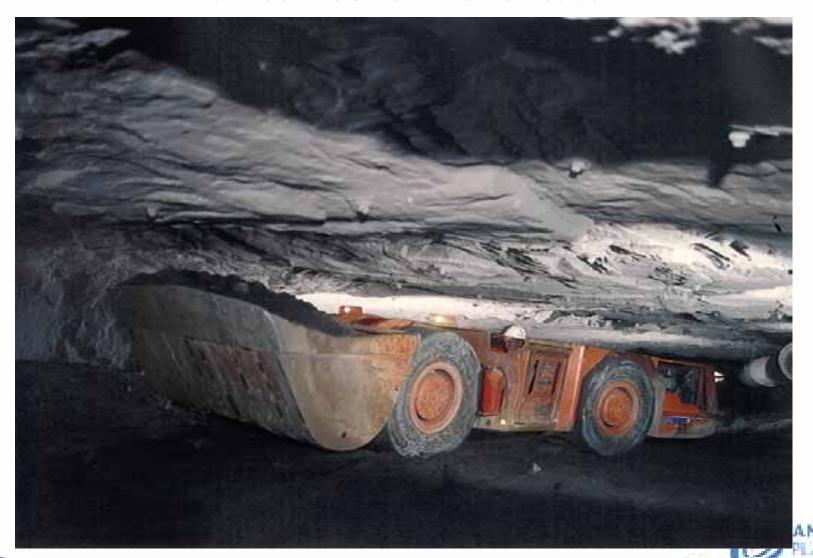


MGLO

Fully Automatic Low Profile Roof Bolter



Tamrock EJC Low Profile Loader



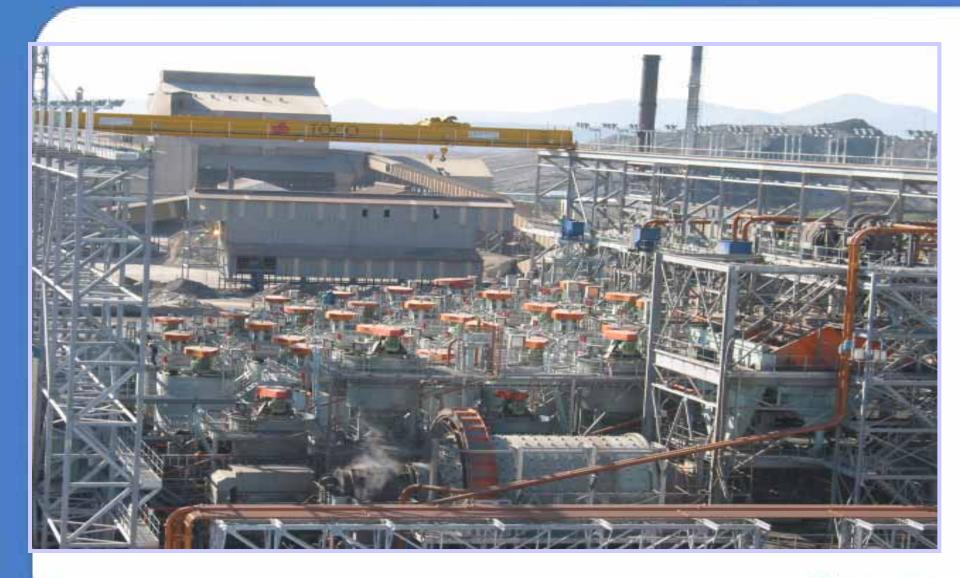


Tip-point chain feeder





Mortimer UG2 Expansion to 230000 tpm





Slag Flotation Plant





Airfields Tailings Dam & Tailings Thickener



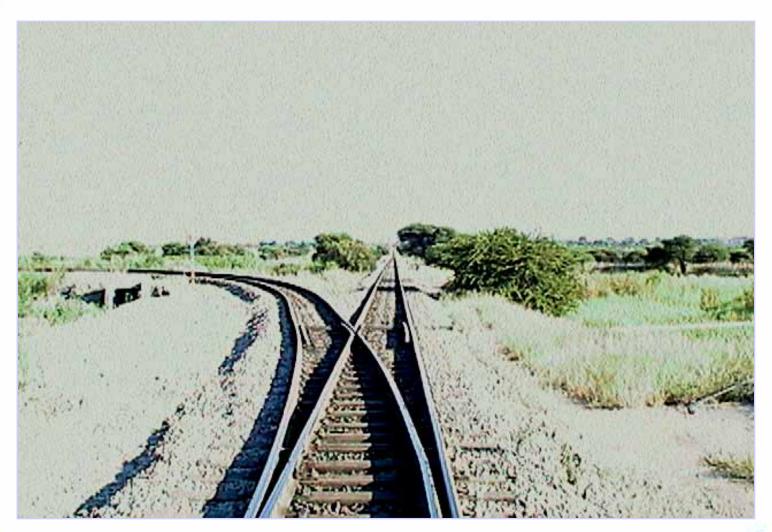


Larox Filter





Surface Railway





Northam Road Upgrades





Human Resources



Human Resources strategy

Union HR Summary of Strategic Thrusts

- Business Planning
- Performance Management
- Employee Communications
- Work Design
- Human Resources Development
- Recruitment Selection & Assessments
 - Employment Equity
 - Employee Relations
 - Socio-Economic Development



Human Resources

- Employee Relations
 - Employee relations are sound and are guided by the employee relations policy which has been signed and accepted by all players.
- Employment of local employees.
 - -43.5 % of the UNION SECTION'S labour is from local communities
- Contractors
 - Contractors will be utilized in accordance with established policies and procedures when and where it can be done in the most cost effective way.
- Training
 - UNION SECTION has both underground and surface training centers.
 - Anglo Platinum training department is certified ISO9001 compliant. (The on mine facility compliance audit is scheduled for 13 May 2004.)
 - Focus for 2004 will be supervisory development, mentorship, implementation of FOG regulations, Strata Control and Rock Engineering training.



Key Business Issues

- Efficiency Improvements
- Cost Optimisation
- HIV/Aids
- Charter Compliance



