









Capital cost (Rm)		PLATINUM Our Marvia, Our Success
 Phase 1 FY04 		
Mining and infrastructure	765	
Process plant	382	
indirect costs	203	
Total	1 350	
 Total revised mining plan <u>+</u> 	1850	

The owners of Marula Platinum					
Owner	%	Role			
Implats	80	Technical, managerial, financial and operational support and expertise. Reputation allows capital to be raised for Marula Platinum and BEE owners			
Mmakau Mining	10	BEE with proven sustainability and mining expertise. Will have strategic input into Marula Platinum			
Marula Community Trust	5	Enables sustainable benefit to flow to community over life of mine and beyond			
Business consortium	5	Long-term, committed, empowerment investor			













































The way forward

- Transitional phase to full production
- Detailed design work in progress
- Initiated footwall development
- EPCM contract to manage process
- Maintain ounce profile from current workings
- Maximise semi-mechanised operations
- Opportunities for breast mining on-reef





DDT drill jigs - objectives

- To reduce the physical effort
- Improved safety through face support in the form of roof-bolts
- Improving the quality of drilling
- Improving the face advance
- Improved hanging wall control









Production o	utput			P L A T I N U M Our Marvia, Our Success
٥	Panel length		24,0m	
٠	Face advance		22,0m	
٠	Square meters/panel		528 m²	
•	Labour required		11	
	RDO	4		
	Winch operator	2		
	TBR/support	2		
	LHD	1		
	Miner assistant	1		
	PTV	1		
٠	Efficiency		48 m²/man	
				36

















































