



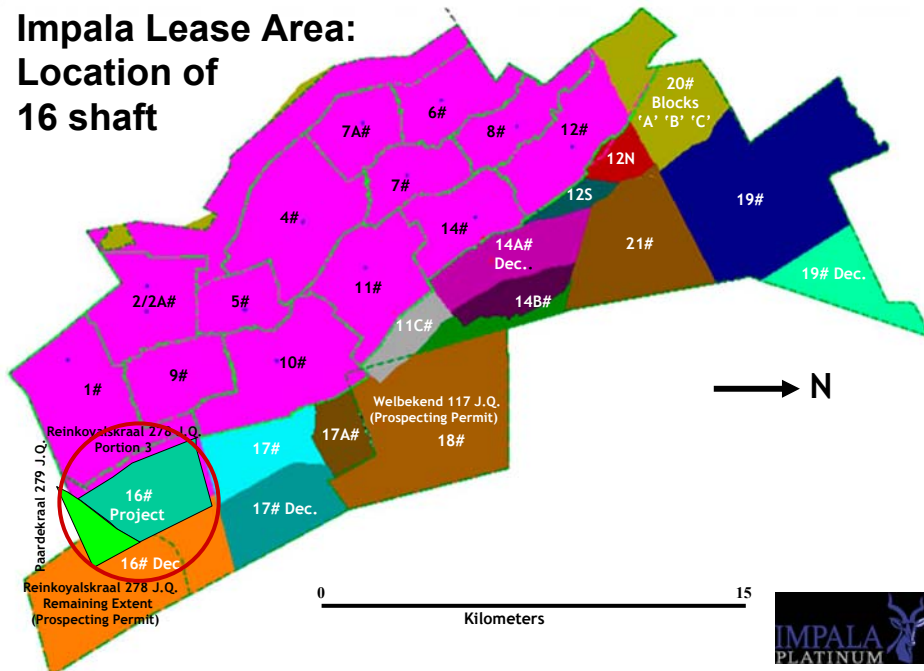
16 Shaft Project

Investor Visit

October 2005

www.implats.co.za

Impala Lease Area: Location of 16 shaft

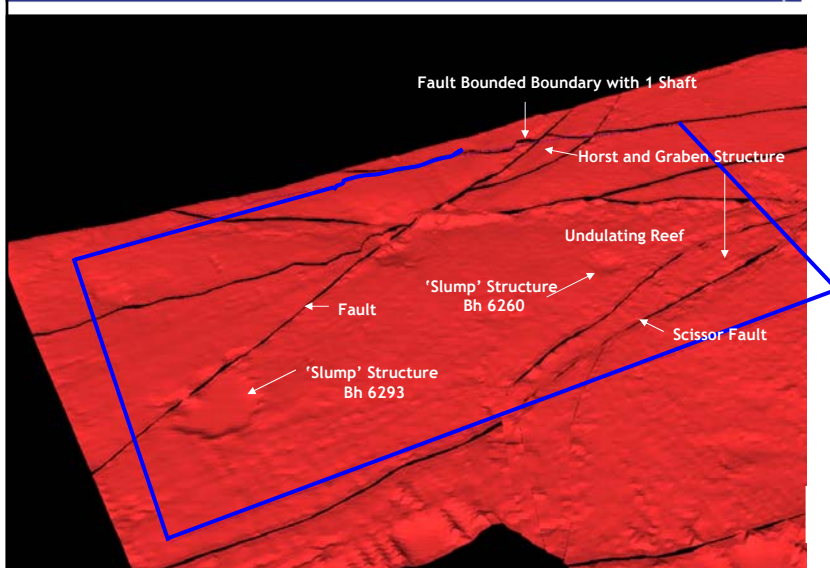


16 Shaft – Resource/Reserve

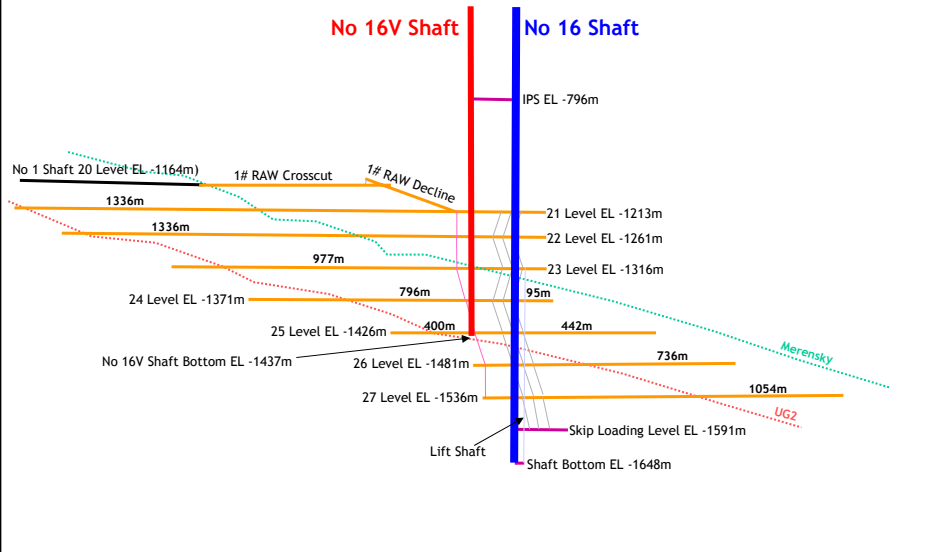


Economic horizon	Resource (million t)	Reserve (million t)	Reserve grade (g/t)	Metal content (000 kg)
Merensky	17.6	23.9	4.33	103.5
UG2	15.9	23.7	3.99	94.3
Total	33.5	47.6	4.16	197.9

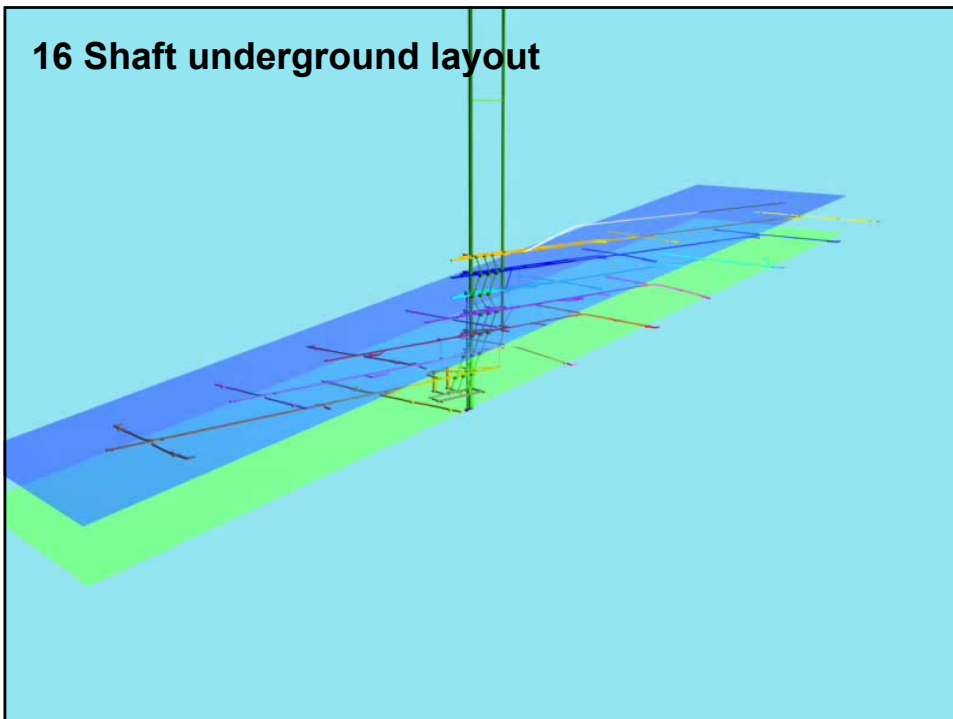
16 Shaft geology – 3D Seismic Model



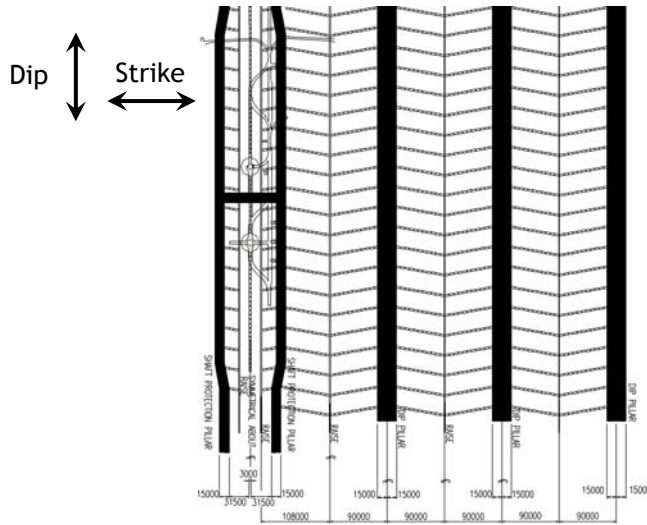
16 Shaft – Cross-section



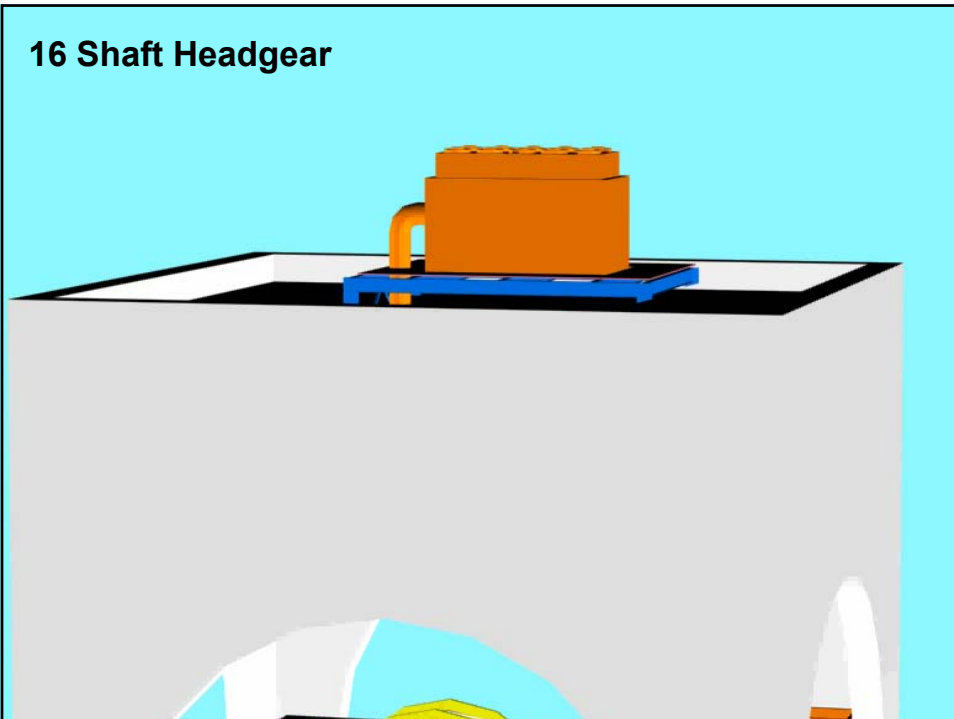
16 Shaft underground layout



16 Shaft pillar layout – Merensky horizon



16 Shaft Headgear



Key dates



Activity	Start	Actual/Forecast	Complete
Approval to first production	01/10/04	01/10/04	17/08/11
Ramp-up to full production	17/08/11	17/08/11	31/10/14
<u>No 16 Shaft</u>			
No 16 Shaft Headgear Slide	26/10/05	08/06/05	02/12/05
No 16 Shaft Main Sink	03/05/06	09/01/06	25/06/10
No 16 Shaft Equipping	28/06/10	28/06/10	06/03/11
<u>No 16 V Shaft</u>			
No 16 V Shaft Headgear	20/09/05	07/07/05	31/03/06
No 16V Shaft Main Sink	03/04/06	29/08/05	14/10/08

Time-saving innovations



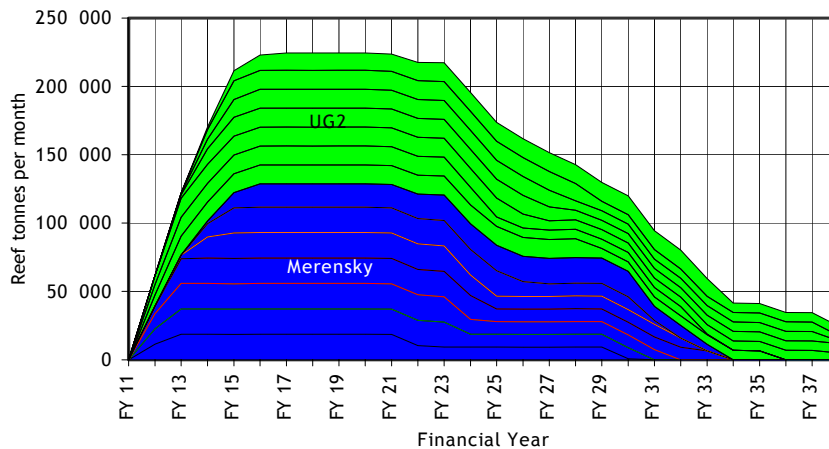
- Box cut
- Concrete pump during slide
- Early start to construction of ventilation shaft

Sinking progress



- Ventilation shaft
 - 180m below bank
- Main shaft
 - 63m below bank (pre-sink only)

16 Shaft - Production profile



Capital cost



- Base date costs – R 2.5bn
- Escalated to end of project – R 3.6bn
- Working costs mining – R 167.14 (Base date)



16 Shaft – pre-construction



16 Shaft – Month 3



16 Shaft – Month 6



16 Shaft Project



**Investor Visit
October 2005**