ANGLO AMERICAN PLATINUM CORPORATION

ANNUAL FACILITY VISIT

28 February 2002



EASTERN BUSHVELD OPERATIONS

Chris Sheppard

Divisional Director: East Mines

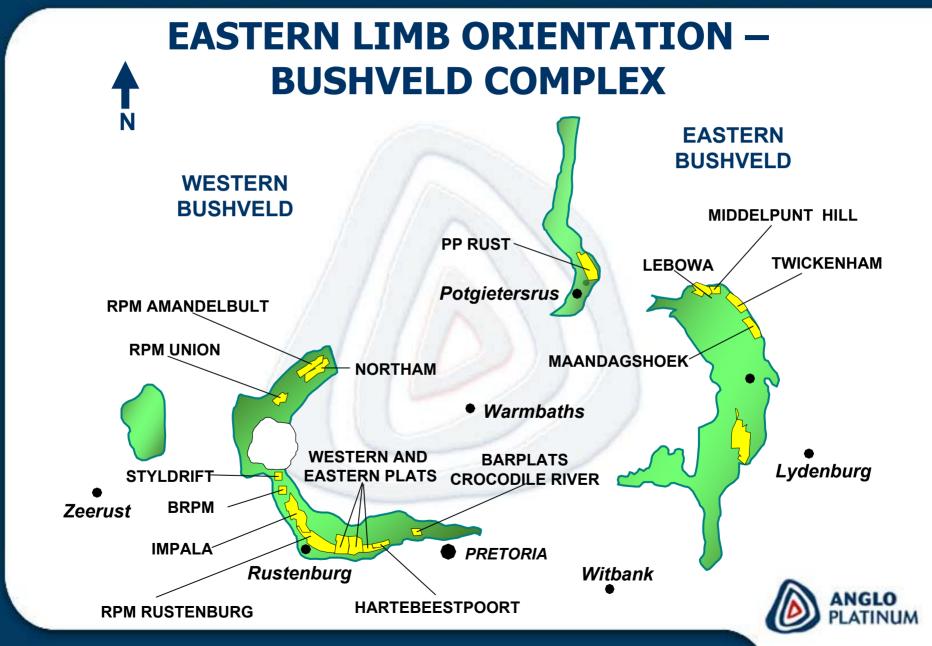


AGENDA

- Welcome
- Eastern Limb orientation
- Operations
- Geology
- Mining methods
- Conclusion



Annual Facility Visit



OPERATIONS POTGIETERSRUST PLATINUM MINE

• 2001: 4.27 million tons milled

211 000 ozs refined Pt

65.7% operating margin

17.0% operating contribution

Geology – Platreef

- Open pit operation
- Excellent performance
- Ga-pila relocation successful

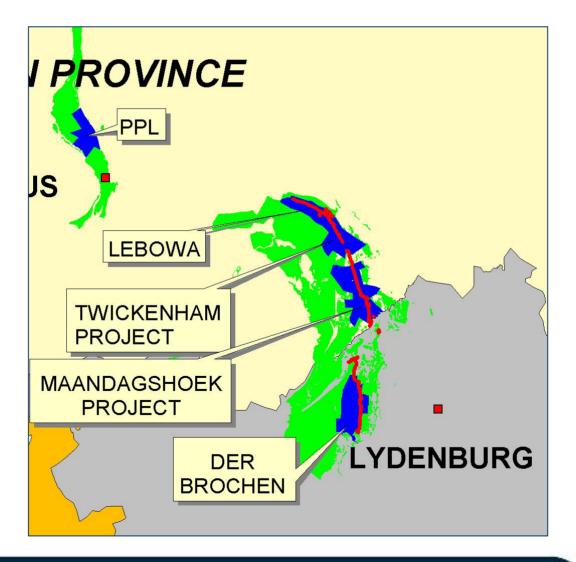


OPERATIONS LEBOWA PLATINUM MINE

- 2001: 1.40 million tons milled
 89 000 ozs refined Pt
 48.9% operating margin
 4.0% operating contribution
- Geology Merensky and UG2
- Underground operations
- Upgraded plant operating to plan

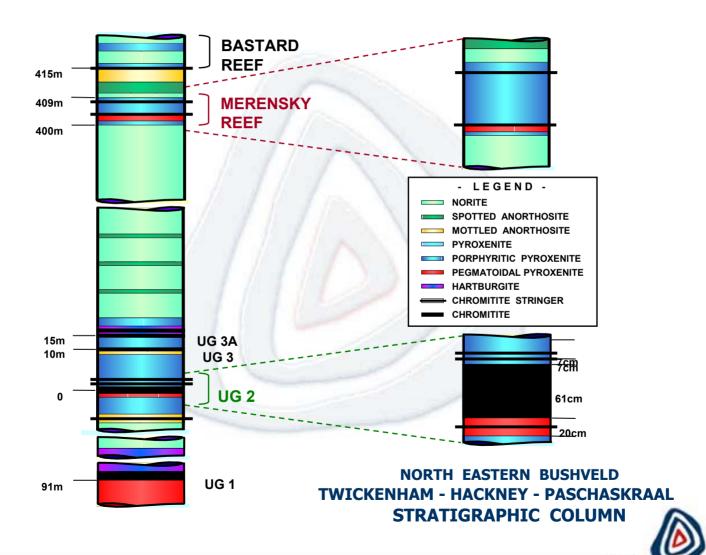


ANGLO PLATINUM MINERAL RESOURCES





GEOLOGY



IDEALISED SECTION THROUGH THE UG2

H/Wall Pyroxenite

Top of Main Seam

Middle Main Seam

Bottom Main Seam

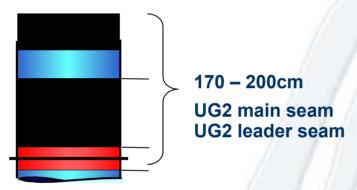
F/Wall Seam (impersistant)

F/Wall Pyroxenite



EAST VS WEST: THE UG2

West (RPM)

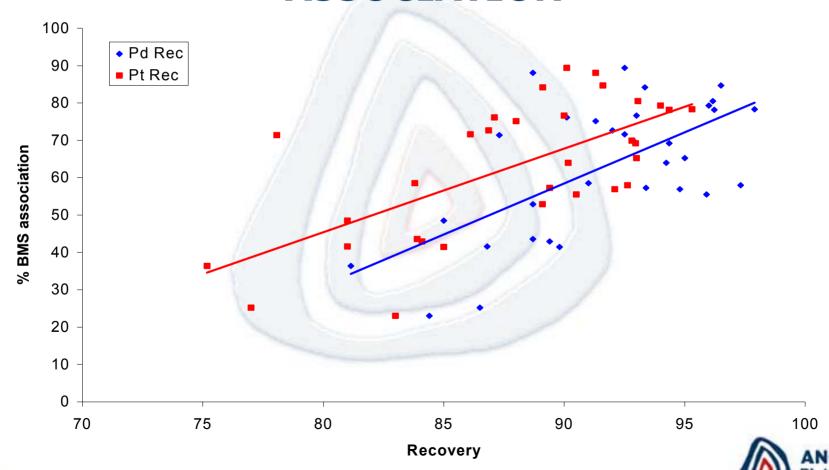


UG2 stringers
UG2 main seam
90cm

- UG2 ~60cm
- Has a leader (~25cm)
- Has a pyroxenite parting (20-150cm)
- UG2 "packing" loose

- UG2 ~60cm
- Has several stringers (~1-5 mm width each).
- Up to 6-7 stringers
- UG2 compact with more Base Metals Sulphides

EASTERN BUSHVELD UG-2 RECOVERY VS BASE METAL SULPHIDE ASSOCIATION



MINING METHODS EMPLOYED

- Fully mechanised shaft sinking
- Fully mechanised development process
- Transport process
- Current conventional stoping process
 - Reef dip
 - Stoping width
 - Dilution
 - Strata control



TRAINING ISSUES

- Learnt lessons from previous projects
- Learnerships
- Initial skills and team training
- Induction via 10 day integrated team training intervention
 - Adventure related experiential learning technique
 - Behaviour based safety initiative included



WHY THE EASTERN LIMB WILL BE A SUCCESS STORY

- Excellent orebody
- Effective teams in place
- Solid technical skills base
- Mine designs that work
- PASSION



EASTERN BUSHVELD PROJECTS

Maandagshoek Platinum Mine Twickenham Platinum Mine Polokwane Smelter

Mike Halhead
Divisional Director: Projects

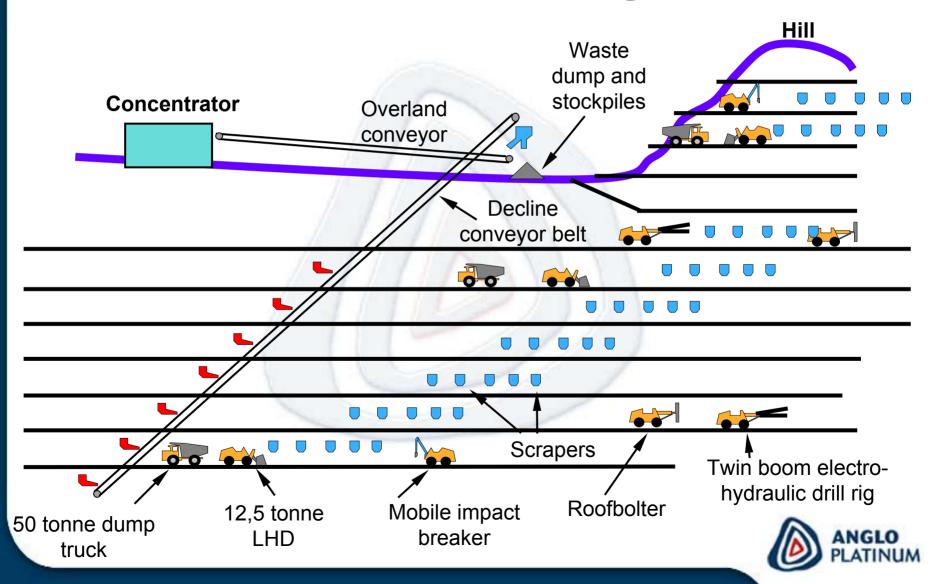


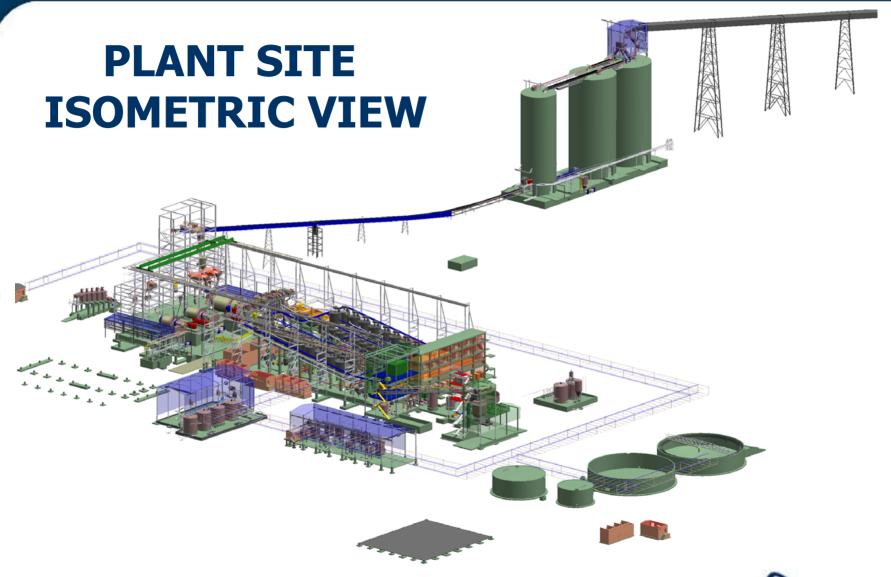
KEY PARAMETERS

- Joint Venture with ARM
- Mining authorisation covers the farms Driekop, Maandagshoek, Hendriksplaats, Onverwacht & Winterveld
- First phase comprises 2 decline shaft systems on Onverwacht and Hendriksplaats + adit system on Onverwacht Hill
- Production 200 ktm, 162 koz Pt/annum, 156 koz Pd/annum
- 2 100 employees
- Budget R1,35 billion (mid 2000 terms)
- Commissioning date 2nd Quarter 2002
- Steady State Production 2004



MINING METHOD & EQUIPMENT







PROJECT STATUS

- Time largely recovered on delayed site access with fast-track schedule
- Stoping commenced in February 2002
- Plant start up forecast for May 2002
- Full production in 2004 confirmed
- Final expenditure forecast at R1,6 billion (escalated)



KEY PARAMETERS

- Proposed mining area comprises the farms Twickenham, Hackney and Paschaskraal
- First phase includes 2 decline shaft systems on Hackney and Paschaskraal + an adit system on Serafa Hill
- Production 250 ktm, 160 koz Pt/annum,
 176 koz Pd/annum
- Budget R2,7 billion (2002 terms)
- Commissioning 2004
- Steady State Production 2006



PROJECT STATUS

- Mining authorisation & EMPR applications submitted
- Surface rights acquisition process in progress
- Trial mining to commence in 2nd Quarter 2002
- Detail design studies well advanced
- Project on schedule.



POLOKWANE SMELTER: Key Parameters

- New smelting complex on the outskirts of Pietersburg
- Six-in-line 68MW electric furnace
- Smelting capacity 650 000 tonnes/annum
- Furnace matte shipped to ACP plant in Rustenburg for converting
- Budget R1,31 billion (2001 terms)
- Commissioning 1st Quarter 2003



PROJECT STATUS

- EMPR & re-zoning applications approved
- Restitution claims resolved
- Site established in November 2001
- Earthworks and civils well advanced



EXPANSION ISSUES

- Housing
- Integrated development planning
- Medium to long term water requirements
- Recruitment and training
- Empowerment



RECRUITMENT & TRAINING

- Project HR resources appointed
- Expansion manning strategy developed
- Platinum Mining Expansion Services established
 - Managerial & technical development
- Socio-economic studies carried out
 - High literacy, high unemployment rates
 - Transparent, community based recruiting instituted
- Training Resources
 - Anglo Platinum Development Centre Rustenburg
 - Engineering Skills Training Centre Randfontein
 - Existing Operations
 - **OEM** Training
 - Learnerships



RECRUITMENT & TRAINING

- Maandagshoek
 - Managerial & Technical team in place
 - Skills database developed for local area
 - Quantitative assessment and selection processes employed
 - In excess of 500 people currently in training
 - Experienced mining teams contracted in for start up

Twickenham

- Senior managerial appointments in progress
- Skills database being developed

Polokwane Smelter

- Managerial appointments being made
- Operational staff in training



EMPOWERMENT AND SMALL & MEDIUM ENTERPRISE DEVELOPMENT

- High priority given to local empowerment and SME development
- Resources dedicated to development of capacity
- All contractors required to maximise the usage of local labour and companies
- Alliances & JVs with local companies encouraged
- Close liaison with Provincial and local authorities



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