Welcome: Board Members
20 Shaft

5 December 2013

Agenda

• Project Scope and Progress
• Infrastructure
• Current Status
  – Safety
  – Production
• Questions
Project Scope

Impala lease area – Greenfields projects
## 20 Shaft Project

**Overview**

- **Project Start**  
  - October 2004  
- **Main Shaft**  
  - 8.5m diameter  1050m deep  
- **Ventilation Shaft**  
  - 6.5m diameter  1000m deep  
- **Production**  
  - 145 000 reef tons/month  
  - 8 levels trackbound Merensky  
  - 2 levels trackless Merensky  
  - First production January 2011  
  - Currently stoping 1500 tonnes/day in buildup phase  
- **Winders**  
  - 4.78MW Rock DD  
  - 18ton skips  
  - 3.6MW Man/material DD  
  - 0.8MW Service DD  
- **Headgear height**  
  - 50m  
- **Ventilation and Cooling**  
  - 650kg/s airflow  
  - 12.6MW cooling fridge plant  
- **Conveyor**  
  - 600 tonnes/hour  
- **Chairlift**  
  - 900 person/hour
One Team One Vision With Pride

Project Infrastructure
One Team One Vision With Pride

NO 20 SHAFT PROJECT
OCT 2013

Main Shaft
Vent Shaft

WHITE = Complete
RED = OCT 13 progress

23 spines Complete
22 spines
23 spines

20 Shaft Surface Layout

We respect, care and deliver
No 20 Shaft – Infrastructure D2 belt extension

22 Level Monorail
No 20 Shaft – Monorail

19 Level Station Loop Being Supported

We respect, care and deliver
23 Level Rail Bound Rig Drilling Face

21 Level Hagg Loader Project
Current Status

Safety
We respect, care and deliver

**Safety Statistics**

**Achievements:**
- 1 Million Fatality free shifts on 03 June 2011
- 1 Million Fatality free shifts on 08 March 2013

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**Production**
We respect, care and deliver

20 Shaft: Forecast 5 Year Build-up

Questions?