Certain statements in this document constitute “forward looking statements” within the meaning of Section 27A of the US Securities Act of 1933 and Section 21E of the US Securities Exchange Act of 1934.

In particular, the forward looking statements in this document include among others those relating to the Damang Exploration Target Statement; the Far Southeast Exploration Target Statement; commodity prices; demand for gold and other metals and minerals; interest rate expectations; exploration and production costs; levels of expected production; Gold Fields’ growth pipeline; levels and expected benefits of current and planned capital expenditures; future reserve, resource and other mineralisation levels; and the extent of cost efficiencies and savings to be achieved. Such forward looking statements involve known and unknown risks, uncertainties and other important factors that could cause the actual results, performance or achievements of the company to be materially different from the future results, performance or achievements expressed or implied by such forward looking statements. Such risks, uncertainties and other important factors include among others: economic, business and political conditions in South Africa, Ghana, Australia, Peru and elsewhere; the ability to achieve anticipated efficiencies and other cost savings in connection with past and future acquisitions, exploration and development activities; decreases in the market price of gold and/or copper; hazards associated with underground and surface gold mining; labour disruptions; availability terms and deployment of capital or credit; changes in government regulations, particularly taxation and environmental regulations; and new legislation affecting mining and mineral rights; changes in exchange rates; currency devaluations; the availability and cost of raw and finished materials; the cost of energy and water; inflation and other macro-economic factors, industrial action, temporary stoppages of mines for safety and unplanned maintenance reasons; and the impact of the AIDS and other occupational health risks experienced by Gold Fields’ employees.

These forward looking statements speak only as of the date of this document. Gold Fields undertakes no obligation to update publicly or release any revisions to these forward looking statements to reflect events or circumstances after the date of this document or to reflect the occurrence of unanticipated events.
Our Vision and Values

If we cannot mine safely, we will not mine.
Locality – Witwatersrand Gold Fields

- Historic production: > 1 600 000 000 oz of gold
- 4.5bn tons of ore treated at an average grade of 9.0g/t
Locality – South Deep

REFERENCE

- Roads
- Farm Boundaries
- Mine Boundaries
- Towns

GOLDFIELDS GOLD MINES
SIBANYE GOLD MINES
DURBAN ROODEPOORT DEEP
HARMONY
ANGLO GOLD ASHANTI
GOLD ONE

Sibanye Gold
Blyvooruitsicht
Kusasalethu
Tautona
Mponeng
FOCHVILLE
CARLETONVILLE
Gold One
SOUTH DEEP

South Deep Investors Visit, 5 June 2013
Safety

• 6 054 047 FOG fatal free shifts – April 2013
• OHSAS 18001 Compliant

IF WE CANNOT MINE SAFELY, WE WILL NOT MINE
History

• 1950: Prospecting in the area commenced
• 1961: Production at Western Areas Gold Mine (WAGM) commenced
• 1999: Placer Dome Western Areas (PDWA) Joint Venture (JV) formed
• 2000: Name changed to South Deep Gold Mine
• 2005: Twin Shaft Complex opened
• 2006 Gold Fields acquired Barrick’s 50% JV interest in the PDWA JV
• 2007: Gold Fields acquired all remaining WAL shares to own 100% of South Deep Gold Mine WAL listing terminated
• 2007: Retired inherited 1,000,000 ounce hedge at US$622/ounce at cost of US$ 300 million – savings to date US$ 1 Billion
Overview – building a world class mine

Capital Projects Progress

- Landmark Union Agreement on new Operating Model – 2 October 2012
- Full production of circa 700koz in 2016
- De-stress development increased 75% in 2012

Key Infrastructure Projects Completed: On Budget and On Time

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>94 Level Refrigeration Plant</td>
<td>Phase1 commissioned</td>
<td>Commission machines 3, 4 and 5 with 100 and 105 Level BACs</td>
<td>Hoisting builds up as per mine plan</td>
<td>On schedule</td>
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<tr>
<td>Twin Vent Shaft Deepening</td>
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<td></td>
<td></td>
<td></td>
<td>Commissioned Oct 2012</td>
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<td>Tailings Storage Facility</td>
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<td></td>
<td></td>
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<td>Commissioned April 2011</td>
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<td>Plant Expansion 330 Ktpm</td>
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<td></td>
<td></td>
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<td>Commissioned Nov 2012</td>
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<tr>
<td>Backfill Infrastructure</td>
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<td></td>
<td>Backfill pipe extensions in the 95-1W, 95-2W and 95-3W</td>
<td>Commissioned</td>
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<tr>
<td>New Mine Development</td>
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<td>On-going</td>
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Transition To Build-up Underway
New Operating Model

Multi-phased approach to support South Deep ramp-up

Vision:

1. Phase 1: CHANGE
   - 6 union engagement initiatives
     - ORG UNIT DESIGN
     - FULCO
     - SHIFTS, SHAFTS, LOGISTICS
     - Total rewards
     - Job grading
     - Maintenance management
     - Flexibility in mining
     - Rebase agreements
     - MINING FLEXIBILITY
     - CHANGE OFFICE SETUP

2. Phase 2: OPTIMISE
   - Future operating model initiatives
     - Capital Infrastructure
     - Operating Infrastructure
     - Mining Optimisation
     - Maintenance Optimisation
     - Business Optimisation
     - Hearts and Minds Culture Change
     - Leadership Pipeline and Capacity

3. Phase 3: IMPROVE
   - General business processes
     - Business Improvement
       - Six Sigma; Lean; Theory of Constraints (TOC)
     - Partnerships for success
     - Continuous skills development

July 2012 - Jan 2013

Phase 1 & 2 overseen by the Change Office...

Horizon 1
Rebas ing the mine

Horizon 2
Setup for success

Horizon 3
Deliver the ramp-up

...transitioning into a longer term BI FUNCTION

South Deep Investors Visit, 5 June 2013
New Operating Model: Implementation complete

**Detailed design work**

0. Agreement on Working Calendar

1. Finalise fleet & labour plan numbers

2. Mapping of operators to gangs & shift pattern

3. Sign-off on the new shaft schedule

4. Agree on training program & FM provider

5. Sign-off on bonus design

**October**

1. Assigning gangs to cage schedule 25th Oct

2. Prepare training materials

3. Update Maxxess

4. Procure, fit and test infrastructure

5. Data input finalised and collected

**November**

1. Short-term planning by machine

2. Bonus implemented 21st November

3. First month under new Phase 1 Bonus

4. First NEW pay-out 15th December

5. First month under new Phase 2 Bonus

**December**

1. New shift arrangement implemented

2. Implement 4x4

3. First NEW pay-out 15 January

**Quarter 1 2013**

- Christmas Break 22nd to 2nd January
- First new employees on-site

**Recruiting and upskilling**

1. Recruiting kick-off 08 October

2. Payment lists

3. Lump-sum payment

South Deep Investors Visit, 5 June 2013
New Operating Model

Key increases in resources

• Embedding of the New Operating Model’s key elements
  - 12-hour 4x4 shift system is operational and embedded
  - Siya Phambili bonus system is implemented and fully functional

• Recruitment and training of the increased labour requirements
  - 251 of 267 new positions filled in Q1, plus extra 90 for attrition
  - Q2 requires additional 63 positions
Our People

• Employ approximately 3,500 people on operation – full production will employ 5,000 people
• Diverse workforce
• Well trained and qualified personnel
• Well paid and incentivised personnel
• World class medical facilities
• Wellness programme
  - “24 hours in the life of a miner”
• Unionised labour force
  - 72% NUM, 15% UASA and 14% non-affiliated
Accommodation Strategy

• Phasing out of the Hostel system

Phase 1 of the Hostel Upgrades Emoyeni

• There are currently 159 rooms to be completed by July 2013
• Each unit will accommodate two people, and consists of a shower, TV room, Toilet and a shared kitchen
• One person per bedroom
• Phase 2 will start shortly after Phase 1 and will convert another 212 rooms
• Conversion of 123 at Enduleni Residence into family units has also been completed
Shared Value (SV)

The project will be completed in two Phases

Shared value offers a new paradigm for how corporations engage social challenges such as poverty, health, and education. Shared value is about building competitive advantage by solving social problems.

**Key Deliverables**

**March – May 2013**

- **Phase I**
  - Best practice in SV among global mining companies
  - Baseline assessment of existing programmes at South Deep
  - Identification of business and social risks and opportunities
  - Assessment of gaps and overlaps
  - Engagement of local managers in the SV approach

**June - July 2013**

- **Phase II**
  - Promising SV opportunities defined for South Deep
  - Criteria for assessing SV opportunities
  - Preliminary action plans for establishing pilots
  - High level performance targets
Sustainable Development

Environmental Management

• Management of environmental aspects in line with latest legislative requirements

• Environmental Management Systems according to best practice international standards (ISO14001 certified)

• Water Management – Water use license

• International Cyanide Management Institute (ICMI) compliant
Geology - Exploration

- Pretoria Group
  - Black Reef
  - Base at ± 1800mbc

- Chuniespoort Group
  - Base at ± 3000mbc

- Klipriviersberg Group
  - Upper Elsburgs
    - Base at ± 3120mbc

- VCR
Geology - Orebody
Geology – Down-dip extension

Mining Areas

South Shaft

Twins Shafts

Ezulwini

Cooke 3

Surface

South Shaft

Ezulwini

Cooke 3

2439 m

2500 m

3400 m

1000 m

1500 m

2400 m

South Shaft SV1 / SV3

South Deep Current Mine Phase 1

South Deep Phase 2

Ezulwini #

VCR

Upper Elsburg

Subcrop

Cooke 3 Shaft

South Shaft

South Shaft
## Mineral Resources

<table>
<thead>
<tr>
<th>Managed</th>
<th>Tonnes (Mt)</th>
<th>Grade (g/t)</th>
<th>Gold ('000 oz)</th>
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<td>Surface</td>
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<td>Grand Total</td>
<td>412.0</td>
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## Mineral Reserves

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<td>CM – Probable</td>
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<td>NOW - Probable</td>
<td>61.7</td>
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<td>NOW - Proved</td>
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<td>Total</td>
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<td>Total</td>
<td>223.4</td>
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Mineral Reserve and LoM profiles

LoM mining sequence and highlights

- Mining in Block-B starts in 2017

Phase-1 SoW West (Block-B)
Mineral Reserve and LoM profiles

LoM mining sequence and highlights

- Final Extraction of Current Mine in 2029
- Mining in Block-A commences in 2029

01-Jan-26 to 01-Jan-31
Mineral Reserve and LoM profiles

LoM mining sequence and highlights

- Mining limits are reached in Block-A and B

Phase-1 SoW West (Block-B)
Phase-1 SoW East (Block-A)
Current Mine
Phase-1 NoW VCR
Phase-1 NoW

01-Jan-36 to 01-Jan-41
Mineral Reserve and LoM profiles

LoM mining sequence and highlights

- Final Extraction of Phase-1 NoW in 2051
- Mining lower limits are reached in Block-A and B

Phase-1 SoW West (Block-B)

Phase-1 SoW East (Block-A)

Phase-1 NoW VCR

Current Mine

Phase-1 NoW
LoM mining sequence and highlights

- Once the corridors are mined to completion in Block-B the project-link corridor and VCR pillar is extracted.
- Mining between 2094 and 2108 (1.5 Moz) are excluded from the Reserves.
Mining Philosophy

Mining a massive orebody at depth

Depth 2600m below surface

De-stressed zone
30 - 40 Mpa
3000 - 4500 psi

Front abutment stress 500 Mpa
72 500 psi

Depth Equivalent
1200m below surface

Destress stope

stress 75 Mpa
11 000 psi
Mining Philosophy

Mining a massive orebody at depth: Destress envelope
Mining Methods: De-stress Mining

1. Stoping-drive mining
2. Advance stope-access-drive
3. Stoping-drive completion
Mining Methods: Drift and Bench Mining

1. Primary drift mining
   - Drift access
   - Bench access
   - 3.7m Advance per blast

2. Bench access

3. Bench mining
   - Mining direction
Mining Methods: Longhole stoping

1. Longhole stope access
2. Slot development
3. Slot development
4. Stoping
5. Stoping

Slot access

Completed slot

Slot raise
Mining Methods: Combined

3D View of planned mining

Drifts

Long hole stoping

De-stress Stope Drives

De-stress Stope Access Drives

Drives
Achieving the de-stress schedule is the keystone to executing the plan

Destress performance

Total Destress

Y on Y improvement of 75%

Roll-out of the Crush Pillar Initiative expected to improve performance further

Actual

South Deep Investors Visit, 5 June 2013
Backfill placement

![Bar chart showing backfill placement with a note: Y on Y improvement of 50%]

- **Actual**

---

South Deep Investors Visit, 5 June 2013
Page 33
Existing Mine Infrastructure

South Shaft creating flexibility

- South Shaft
- Twins Main Shaft
- Colour Coding: Red Up Cast, Green Down Cast, Gold Rock Handling Capacity

- SV 1: 50 Level Plugs, Intermediate Pump Stations, 51 Level Pump Station
- SV 2: 90 Level Refrigeration
- SV 3: 83 Level Backfill Plant
- 95a Level Pump Station

- Challenges:
  - Challenge is the limited storage from 95 Level to 95a Level
- Deepened Section
- 1.4km

- South Shaft creating flexibility

- South Deep Investors Visit, 5 June 2013
Tailings Storage Facility
Backfill Infrastructure

Full Plant Tailings – Backfill plant at South Shaft
Metallurgical Plant Expansion

Milling, Crushing & Thickening
The Silos are required for life of mine, where traditional ore passes would fail with short life spans between costly rehabilitation.

Phase -1, Silos No.3 and 5 commissioned by December 2013

Phase -2, Silos No.1, 2 and 4 commissioned by December 2014

Phase -2 Sinking, line. & equip Dec’14

Phase -1 Sinking, line. Equip December’13

Sinking completed

Shaft Loading Station

Main Shaft 3rd ore pass

October’13
93 Level Central Workshop Mining Progress

Phase-1
Mining completion October ‘12

Phase-2
Mining completion April ‘13

Phase-3
Mining completion September’13

Mining completion October ‘12

Mining completion April ‘13

Mining completion September’13
Highlights of 2012

Project status is at 45 months out of 60 months program

• Ventilation Shaft infrastructure hoisted the first skip on the 16th October 2012

• Temporary Ore Pass system was commissioned at the end of September 2012

• Metallurgical Plant expansion project was completed as planned in Q4 2012

• The Backfill Full Plant Tailings (FPT) project achieved targets planned in C2012
Steady state indicators

- Average Cash Cost*: US$700/ounce
- Average NCE*: US$900/ounce

* Current money terms: Exchange Rate 9.00
Visitors Induction
Important Notes

• Alcohol is not permitted on the premises
• Smoking is prohibited underground and in office buildings
• Cell phones are not allowed underground
• Illegal substances and firearms are not permitted on the property
• Adherence to all the company rules is very important
Personal Protective Equipments

- Safety Shoes or Gumboots
- Hard Hats
- Eye Protection
- Ear Protection
- Res–Q-Pac (Demonstration to be conducted)
- Cap-lamps
- Gloves
• We offer Primary & Occupational Health Care on the property with a resident Occupational Medical Practitioner.

• Should you feel sick or are injured in any way, please speak to the tour guide, who will make the necessary arrangements.

• Barometric pressure changes experienced in the conveyance may precipitate pain or damage to your eardrums especially if you are suffering from an upper respiratory tract disease.
Heat Stress Management

• The environment may be unfamiliar to you and lead to disorientation, so it is important to follow all official instructions and not to become separated from the group.

• Conditions underground may be more hot and humid than you expect, and the physical exertion required to reach some working places may be considerably more than you are accustomed to.

• It is vital to maintain an adequate fluid intake when you are underground and not to over-exert yourself.

• If you feel unwell in any way, or if you feel excessively tired, you must immediately notify the tour guide.
General Safety

• Stay as close as possible to the tour guide and obey all the instructions.
• Make sure you have your goggles on before entering the cage.

• Note that machinery and rolling stock underground has a right of way.

• Only walk on the travelling way side of the haulage and if a locomotive approaches, stand still in a safe place and wait for it to pass.

• In the roadways and ramps travel on the driver’s side of the cabin where the operator will be able to see you. If a machine approaches stand still, shine your cap-lamp light at the driver, and wait for the machine to pass.

• Stay focussed and enjoy the rest of the visit.

• In a case of emergency, phone the Control Room Telephone No. ext. 1002 / 1004
Thank you