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Welcome to the Great Sandy Desert

Key facts

**Location:** 220 km NE of Kalgoorlie in Western Australia

**Production to date:** 5.8 million ounces since 1997

**Production Q1, 2014:** 71,000 oz at a Total Cash Cost of US$1,066/oz and AISC of US$1,095/oz

**Mining:** Solely underground; open pit mining completed in Q1, 2014. Mining carried out by contractors.

**Processing:** Conventional CIL/gravity processing, throughput rate of 3.6 mtpa

**Ore Reserve***(as at December 31, 2013): 1.18 Moz

**Mineral Resources***(inclusive, as at December 31, 2013): 3.23 Moz

* Please see Mineral Reserves and Ore Resources 2013 Report at www.anglogoldashanti.com for relevant competent persons report and JORC detail.
Sunrise Dam Management Team

Richard Jordinson
General Manager: Sunrise Dam

Bryan Watson
Underground Production Manager

Fraser Clark
Manager: Geology

Tony Ryan
Manager: Maintenance

Ryan Arblaster
Manager: Business Support & Services

Peter Merry
Manager: Technical Services

David Barker
Manager: Processing

Tim Darley
Manager: Safety & Training

Safety performance

- Hazard ID & Risk Assessment
- Incident & Action Management
- Competency Based Training
- Visible Leadership
- Audit, Compliance & Accountability
- High Potential incidents reduced by 35%

Significant reduction in Severity rates
Completion of open pit mining

• Retreat mining and final cut of Crown Pillar completed in Q1 2014
• Crown Pillar allowed SDGM to maintain production levels in 2013 during underground ramp-up
• Backfilling of Crown Pillar to establish underground ROM pad
• Underground ore rehandle starts under new contract in July 2014 with significant savings
• Final pit design allows for establishment of major sump and pumping infrastructure

Plant performance

• Mill throughput on target to achieve 3.6mtpa
• Recoveries are better than the target at 86%
• Plant reliability is high at 97%
Underground mine objectives

Repeat the success of the open pit in an underground setting by:

- Using existing U/G infrastructure - decline access
- Extensive ore development utilising R/C drilling for grade control
- Large scale mining = improved productivity & lower costs
- Multiple ore sources, including bulk mining areas, with selective mining of high grade ore

Underground mining

- Alliance-style mining contract with Barmimco
- Demonstrated viable bulk mining capability
- Ore zones are suitable for high-volume long-hole stoping
- The mine is delivering on planned grade of 3.0g/t
- Increase in ore reserves achieved in a lower gold price environment
- Reduction in $/t mining cost by approx. 50% over past two years driven by improving productivity
- At the same time ore mined has increased by almost 100%
Ramping up underground mining

- Consistent year-on-year increase
- SDGM is on track to achieve 2.4 Mt mined for 2014

GQ orebody breakthroughs

- GQ a large low grade resource
- Mineralisation is complex
- Local high grades exist, but continuity very poor, restricting mining at elevated cut-off grades
- Intensive mining geology and reconciliation study completed in 2011 to better understand resource, including batch treating trial stope and development ore
- Traditional sampling methods consistently underestimate the grade
- RC drilling successfully introduced as a grade control tool to replace diamond drilling and face sampling
RC grade control drilling overview

- RC grade control drilling is well suited to Sunrise Dam mineralisation and the bulk mining approach
- RC drilling is half the price of diamond drilling and three times faster
- RC drilling doesn’t rely on downstream core processing facilities, contributing to lower overheads and faster sample turnaround
- Grade control work in GQ has set the mine up for the next 18 months production
- Mining Reserve conversion is very high – 100% Tonnes, 92% Grade and 92% Ounces

Growth in reserves & resources*

<table>
<thead>
<tr>
<th>Sunrise Dam Gold Mine</th>
<th>Dec-12</th>
<th>Dec-13</th>
<th>Change</th>
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<tbody>
<tr>
<td></td>
<td>Mt</td>
<td>g/t</td>
<td>Moz</td>
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<tr>
<td>Reserve</td>
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<td>1.84</td>
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<tr>
<td>Resource</td>
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</tbody>
</table>

* Please see Mineral Reserves and Ore Resources 2013 Report at www.anglogoldashanti.com for relevant competent persons report and JORC detail.
Exploration potential

EXPLORATION/RESOURCE DEFINITION
Increase in exploration activity to provide working areas

MINING
Increase movement to +3.0 Mtpa by 2017

MATERIALS HANDLING
Study and potential project
Sunrise Dam regional exploration

- Laverton District well endowed
- <3Moz Au known resources in early 90’s
- Current endowment is >28Moz Au
- One of the most fertile belts in the Yilgarn Craton
- Most large major discoveries have been blind / under cover
- Tectonic setting and structural geometry favourable for further discoveries
- Three key target areas that have potential to host >3Moz Au deposits
- All predominantly under cover – last frontier
- Exploration at western lake tenements crucial for future discoveries
- Collaborative greenfields-brownfields exploration programme planned for 2015