OTJIKOTO GOLD MINE
INTRODUCTION AND PROGRESS UPDATE
MAY 2014
Who is B2Gold?
Who is B2Gold Namibia?

B2Gold Namibia:

- 90% owned by B2Gold
- 10% owned by EVI Mining Company
  • Ownership is a broad-based economic empowerment group made up of Namibian business men and women
Otkikoto Exploration History

- Discovered by Anglovaal Mining (Avdale) in 1999 during a base metal exploration program
- ‘Blind’ deposit discovered under calcrete
- Exploration was predominantly geophysically driven (magnetics, EM, IP)
- B2Gold is the sixth company involved in the project
<table>
<thead>
<tr>
<th></th>
<th>Project Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>1</td>
<td>Merger with Auryx Gold</td>
<td>Dec-2011</td>
</tr>
<tr>
<td>2</td>
<td>Feasibility Completed</td>
<td>Dec-2012</td>
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<tr>
<td>3</td>
<td>EIA Completed</td>
<td>Jul-2012</td>
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<td>4</td>
<td>Mining License Issued</td>
<td>Dec-2012</td>
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<td>5</td>
<td>Mining Commenced</td>
<td>May-2013</td>
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<td>6</td>
<td>Commencement of Tank Construction</td>
<td>Oct-2013</td>
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<td>7</td>
<td>Process Plant Bulk Earthworks – Completed</td>
<td>Nov-2013</td>
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<td>8</td>
<td>Tailings Storage Facility Earthworks - Completed</td>
<td>Jan-2014</td>
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<td>9</td>
<td>Structural Steelwork Erection - Commence</td>
<td>Feb-2014</td>
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<td>10</td>
<td>Crusher Installation - Commence</td>
<td>Apr-2014</td>
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<td>11</td>
<td>Grinding Mill Installation - Commence</td>
<td>Apr-2014</td>
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<tr>
<td>12</td>
<td>Power House - Commissioning</td>
<td>Sep-2014</td>
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<td>13</td>
<td>Commissioning</td>
<td>Nov-2014</td>
</tr>
<tr>
<td>14</td>
<td>First Gold Pour</td>
<td>Dec-2014</td>
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Reserves

Otjikoto Reserve Summary
January 2013-0.4g/t cutoff

<table>
<thead>
<tr>
<th>Unit</th>
<th>DFS Reserve</th>
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<tbody>
<tr>
<td>Total Ore</td>
<td>tonnes 29,408,899</td>
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<tr>
<td>Total Waste</td>
<td>tonnes 164,266,045</td>
</tr>
<tr>
<td>Stripping Ratio</td>
<td>waste/ore 5.59</td>
</tr>
<tr>
<td>Ore Grade</td>
<td>g/t 1.42</td>
</tr>
<tr>
<td>Metal Content</td>
<td>ounces 1,341,292</td>
</tr>
<tr>
<td>Metal Produced</td>
<td>ounces 1,281,013</td>
</tr>
</tbody>
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*DFS estimated a 12.5 year mine life
LoM gold production = 112,000 ounces per year
What we are doing

- Conventional open pit operations
- 90t trucks and backhoe excavators
- Ultimate pit dimensions: 2km x 600m x 250m
- Completely owner-operated
To Date Production

**Total Pit**
- Project to date production is 2.5 million BCM

**Fleet Production Capacity**
- Total fleet capacity (2 excavators, 1 FEL, 10 90t trucks) is 75,000tpd
- Ore mining will start in May and ramp up in June and July. Waste mining will not be impacted.
Otjikoto – Processing Overview

- Processing, or beneficiation, includes all steps between haulage and doré production.
- At Otjikoto B2Gold will use gravity circuits and leach/CIP processes to recover 95.5% of the Au.
May 2014

- All foundation earthwork complete
- Concrete poured: 14,443 m³
- All leach tanks erected
- All CIP tanks erected
- Structural and mechanical shipments are underway
- Crusher – almost complete
- Reclaim stockpile – 90% complete
- Laboratory structure – partially complete
- Commissioning – Q4, 2014
Mill Construction

- Top left – Primary crusher (putting in walkway)
- Bottom left – Leach and CIP tanks (agitators and piping)
- Top right – Milling area (pouring concrete for deck)
Tailings Storage Facility

What have we built?

- Fully lined
- Underdrain system
- Monitoring wells
- 1.5 km$^2$ of liner and surface area
- Liner 1.5 mm thick
- 20 km of piping
Tailings Storage Facility
Earthworks

B1 Highway Works:
Cape Seal contractor brooming surface area

Grader working on the low grade stockpile

Toe drain filter sand placing along Wall 5,
13mm stone completely installed

Reclaim stockpile
Power House

Powerhouse building, warehouse and control room

HFO and diesel tanks at powerhouse
Ancillary buildings

- Top Left – Main administration building
- Bottom left – Laboratory
- Top right – High security area entrance
Man Camps

• Camp is OPEN (capacity ~600)
• Approximately 135 in Senior Camp (capacity ~210)
• Approximately 150 in Junior Camp
• Camps are temporary and will be either donated or used for other purposes at end of construction
Current human capital is 638:

- 7% corporate employees in Windhoek office
- 5% employees involved in Exploration
- 88% employees associated with / situated at the mine site:
  - 95% are historically disadvantaged
  - 11% are female
  - 63% are from Otjozondjupa Region
  - 1% are non-construction expatriates
- Majority of current employees are employed in the construction departments
- Construction scheduled to run until end 2014
HR Projected Manpower*

* As at 30 April 2014
CSR Guiding Instruments

Key Mandate Areas

• Education
• Public health
• Development of SMEs
• Environmental Conservation

Project Approval Flow Protocol

• Application
• Steering Committee
• CSR Board
Farm and Education Centre

Three pillars:
- SCIENCE
- EDUCATION
- CONSERVATION
Education

Artisanal focus – demonstrations on site
Introduction to internet information and research
Assisted Home Ownership

Objectives

• Make housing available
• Give employees a chance to own their own house
• Lasting (non-transient) development in Otavi
• Avoidance of informal settlements
Assisted Home Ownership

- Semi-serviced land secured in Otavi (60 erven)
- Plots surveyed and staked
- Developing home ownership scheme with multiple banks
- MoU in final stages
- Working with builders to develop show homes
Otjikoto Deposit & Wolfshag Zone

- Otjikoto deposit discovered in 1999
- Wolfshag zone discovered in late 2011
- Mine feasibility was based on the Otjikoto deposit alone
2013 drill program consisted of 139 holes totaling 23,602 metres

20,920 metres in 80 holes completed in Wolfshag zone in 2013

Total drilling on Wolfshag zone to date is 38,072 metres in 141 holes, inclusive of deepened ‘historic’ holes
Wolfshag Inferred Resource

Initial **INFERRED** Resource Estimation for Wolfshag Zone

6,800,000 tonnes grading 3.2 g/t gold for 703,000 contained ounces

- Otjikoto reserve grade is 1.42 g/t gold
- The new high grade resource for the Wolfshag zone indicates the potential for future expansion of gold production and/or increase in the mine life of the Otjikoto project
- Potential positive impact on the overall economics of the project