

# **BARICK** Africa & Middle East

**Lumwana...**working against all odds to achieve production target safely and sustainably

**NYSE : GOLD**  
**TSX : ABX**

**World class mines.**  
**World class people.**



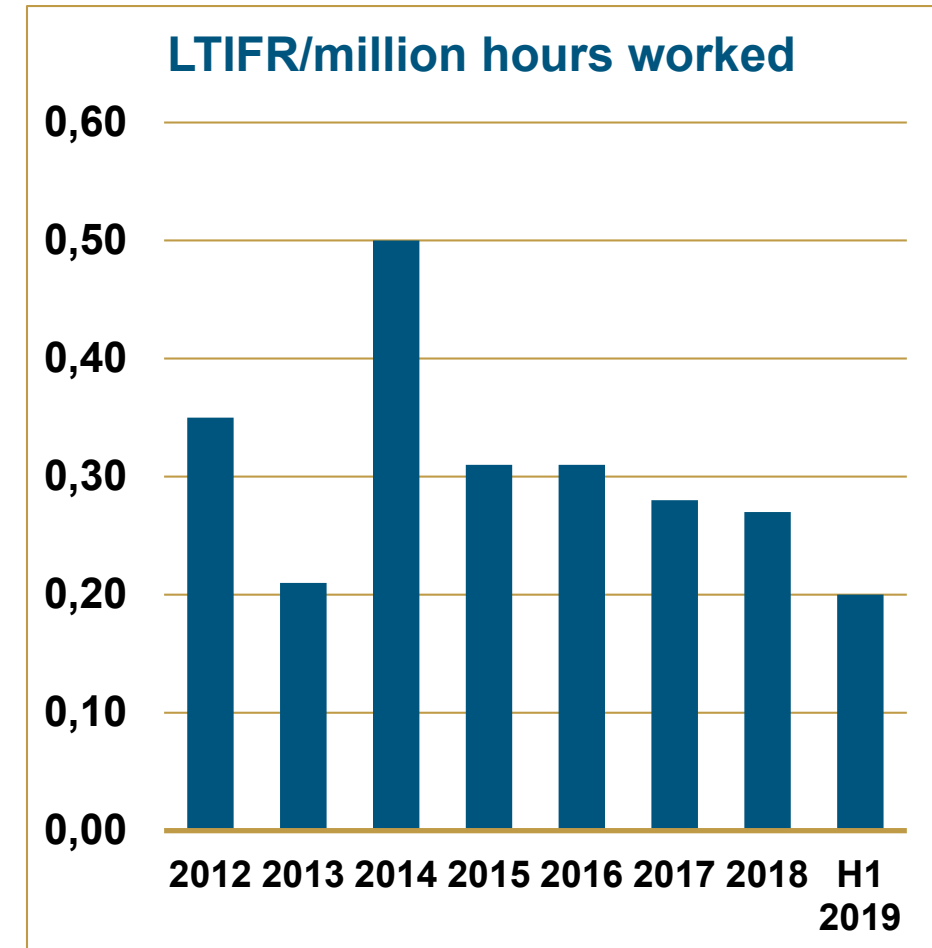
# Cautionary Statement on Forward Looking Information



Certain information contained or incorporated by reference in this presentation, including any information as to our strategy, projects, plans or future financial or operating performance, constitutes “forward-looking statements”. All statements, other than statements of historical fact, are forward-looking statements. The words “believe”, “expect”, “anticipate”, “target”, “plan”, “objective”, “assume”, “intend”, “project”, “pursue”, “goal”, “continue”, “budget”, “estimate”, “potential”, “may”, “will”, “can”, “could”, “would”, “should” and similar expressions identify forward-looking statements. In particular, this presentation contains forward-looking statements including, without limitation, with respect to: (i) Barrick’s forward-looking production guidance; (ii) our ability to convert resources into reserves; (iii) our project pipeline and results of our greenfield and brownfield exploration work, (iv) asset sales, joint ventures and partnerships and other statements, including regarding our non-core assets; and (v) expectations regarding future price assumptions, financial performance and other outlook or guidance. Forward-looking statements are necessarily based upon a number of estimates and assumptions including material estimates and assumptions related to the factors set forth below that, while considered reasonable by the Company as at the date of this presentation in light of management’s experience and perception of current conditions and expected developments, are inherently subject to significant business, economic and competitive uncertainties and contingencies. Known and unknown factors could cause actual results to differ materially from those projected in the forward-looking statements and undue reliance should not be placed on such statements and information. Such factors include, but are not limited to: fluctuations in the spot and forward price of gold, copper or certain other commodities (such as silver, diesel fuel, natural gas and electricity); the speculative nature of mineral exploration and development; changes in mineral production performance, exploitation and exploration successes; risks associated with projects in the early stages of evaluation and for which additional engineering and other analysis is required; diminishing quantities or grades of reserves; increased costs, delays, suspensions and technical challenges associated with the construction of capital projects; operating or technical difficulties in connection with mining or development activities, including geotechnical challenges and disruptions in the maintenance or provision of required infrastructure and information technology systems; failure to comply with environmental and health and safety laws and regulations; timing of receipt of, or failure to comply with, necessary permits and approvals; uncertainty whether some or all of Barrick’s targeted investments and projects will meet the Company’s capital allocation objectives and internal hurdle rate; the impact of global liquidity and credit availability on the timing of cash flows and the values of assets and liabilities based on projected future cash flows; adverse changes in our credit ratings; the impact of inflation; fluctuations in the currency markets; changes in U.S. dollar interest rates; risks arising from holding derivative instruments; changes in national and local government legislation, taxation, controls or regulations and/or changes in the administration of laws, policies and practices, expropriation or nationalization of property and political or economic developments in Zambia and other jurisdictions in which the Company or its affiliates do or may carry on business in the future; lack of certainty with respect to foreign legal systems, corruption and other factors that are inconsistent with the rule of law; damage to the Company’s reputation due to the actual or perceived occurrence of any number of events, including negative publicity with respect to the Company’s handling of environmental matters or dealings with community groups, whether true or not; the possibility that future exploration results will not be consistent with the Company’s expectations; risks that exploration data may be incomplete and considerable additional work may be required to complete further evaluation, including but not limited to drilling, engineering and socioeconomic studies and investment; risk of loss due to acts of war, terrorism, sabotage and civil disturbances; litigation and legal and administrative proceedings; contests over title to properties, particularly title to undeveloped properties, or over access to water, power and other required infrastructure; business opportunities that may be presented to, or pursued by, the Company; risks associated with the fact that certain of the initiatives described in this presentation are still in the early stages and may not materialize; our ability to successfully integrate acquisitions or complete divestitures; risks associated with working with partners in jointly controlled assets; employee relations including loss of key employees; increased costs and physical risks, including extreme weather events and resource shortages, related to climate change; and availability and increased costs associated with mining inputs and labor. In addition, there are risks and hazards associated with the business of mineral exploration, development and mining, including environmental hazards, industrial accidents, unusual or unexpected formations, pressures, cave-ins, flooding and gold bullion, copper cathode or gold or copper concentrate losses (and the risk of inadequate insurance, or inability to obtain insurance, to cover these risks). Many of these uncertainties and contingencies can affect our actual results and could cause actual results to differ materially from those expressed or implied in any forward-looking statements made by, or on behalf of, us. Readers are cautioned that forward-looking statements are not guarantees of future performance. All of the forward-looking statements made in this presentation are qualified by these cautionary statements. Specific reference is made to the most recent Form 40- F/Annual Information Form on file with the SEC and Canadian provincial securities regulatory authorities for a more detailed discussion of some of the factors underlying forward-looking statements and the risks that may affect Barrick’s ability to achieve the expectations set forth in the forward-looking statements contained in this presentation. We disclaim any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise, except as required by applicable law.

# Safety, Health & Environment...Q2 2019 **BARRICK**

- One (1) Lost Time Injury recorded
  - Corrective action taken and closed
- LTIFR of 0.40 vs 0.36 in Q2 2018
- ISO 45001 training took place and gap assessment audit analysis to be completed in Q3
- Fatality Prevention Commitments (FPC's) and new HSE Policies communicated to all employees and contractors on site
- Implementation of malaria control policy completed and signed
- Supervisor Safety Leadership Training completed and achieved 100% of targeted group
- Integration of Medical , ERT with Occupational Health and Safety completed



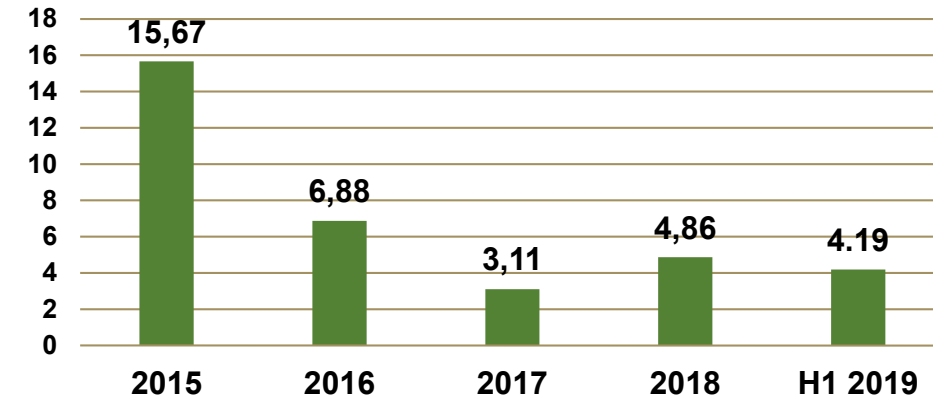
# Safety, Health & Environment...Q2 2019

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## ■ HIV

- Prevalence rate of 4.19% YTD 2019 compared to 6.52% YTD in 2018
- Voluntary counselling and testing are being conducted on site with 620 tested, 26 positive for 2019 YTD and 460 tested with 30 positive for 2018 YTD in the same period
- Condom distribution is being done through clinics, work areas and in some toilets around the site
- Sensitization and counselling of pregnant mothers during antenatal visits on the prevention of mother to child HIV transmission

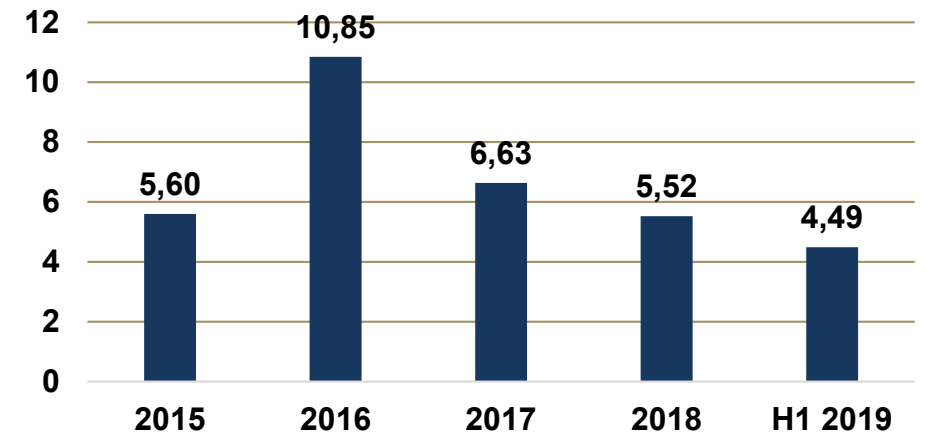
Q2 HIV Prevalence Rates Comparisons



## ■ Malaria

- Malaria incidence rate of 4.49% YTD 2019 vs 5.76% YTD 2018
- Ongoing larviciding of all identified potential mosquito breeding on site is undertaken
- Engaged contractors/ business partners in the malaria prevention initiatives being undertaken on a site
- Awareness on malaria prevention programs and information sharing are being undertaken through safety meetings and toolbox talks on site

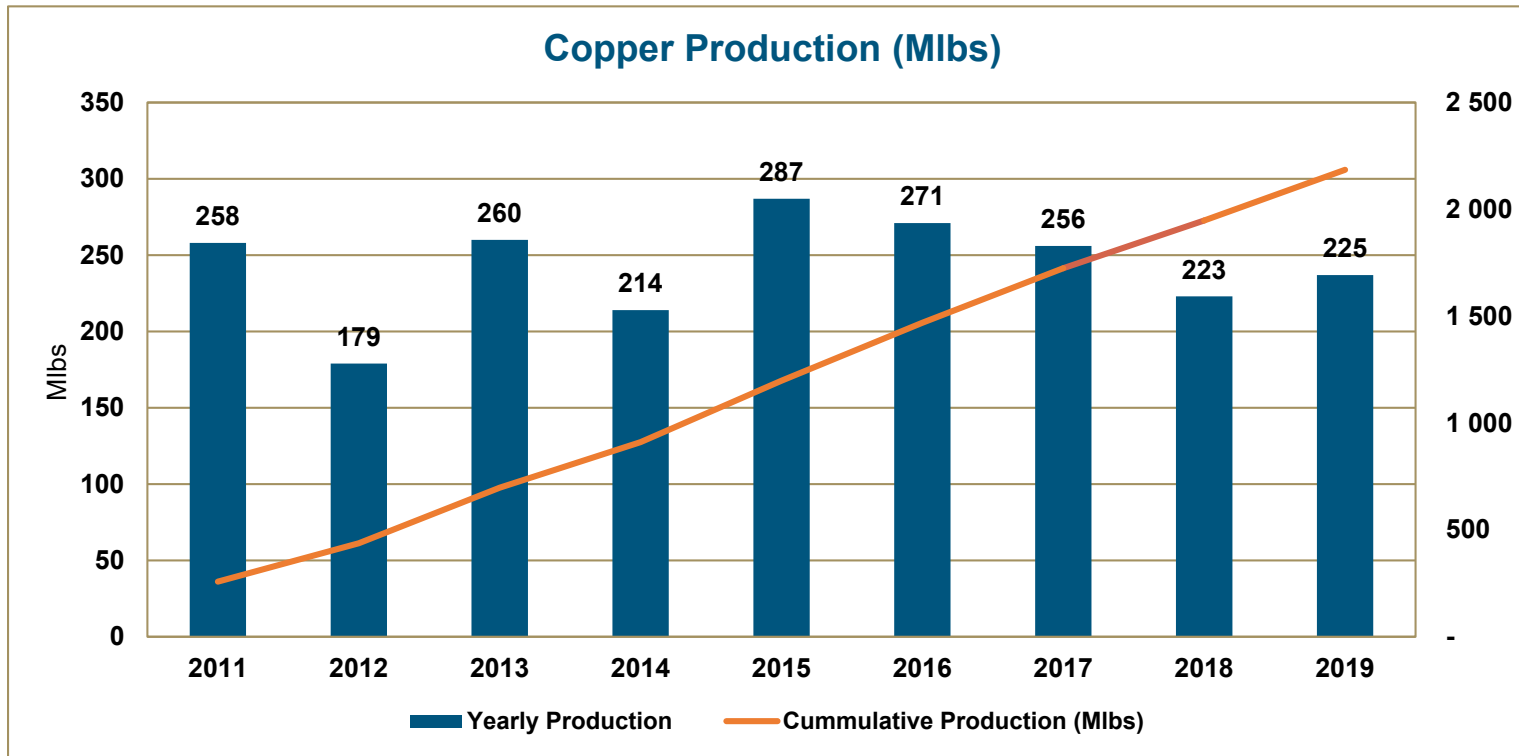
Q2 Malaria Incidence Rates Comparisons





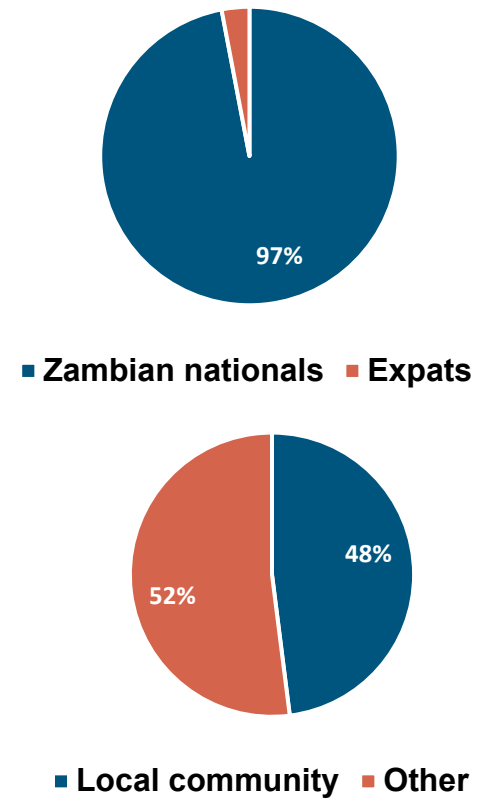
# Lumwana Copper Mine...

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- Lumwana accounts for the production of about 220 million pounds of copper per year
- The mine currently employs 1,817 direct employees (with 8,000 direct family beneficiaries) and some 2,300 contractors
- 97% of Lumwana's employees are Zambian nationals
- 48% of Lumwana's employees are from the local community

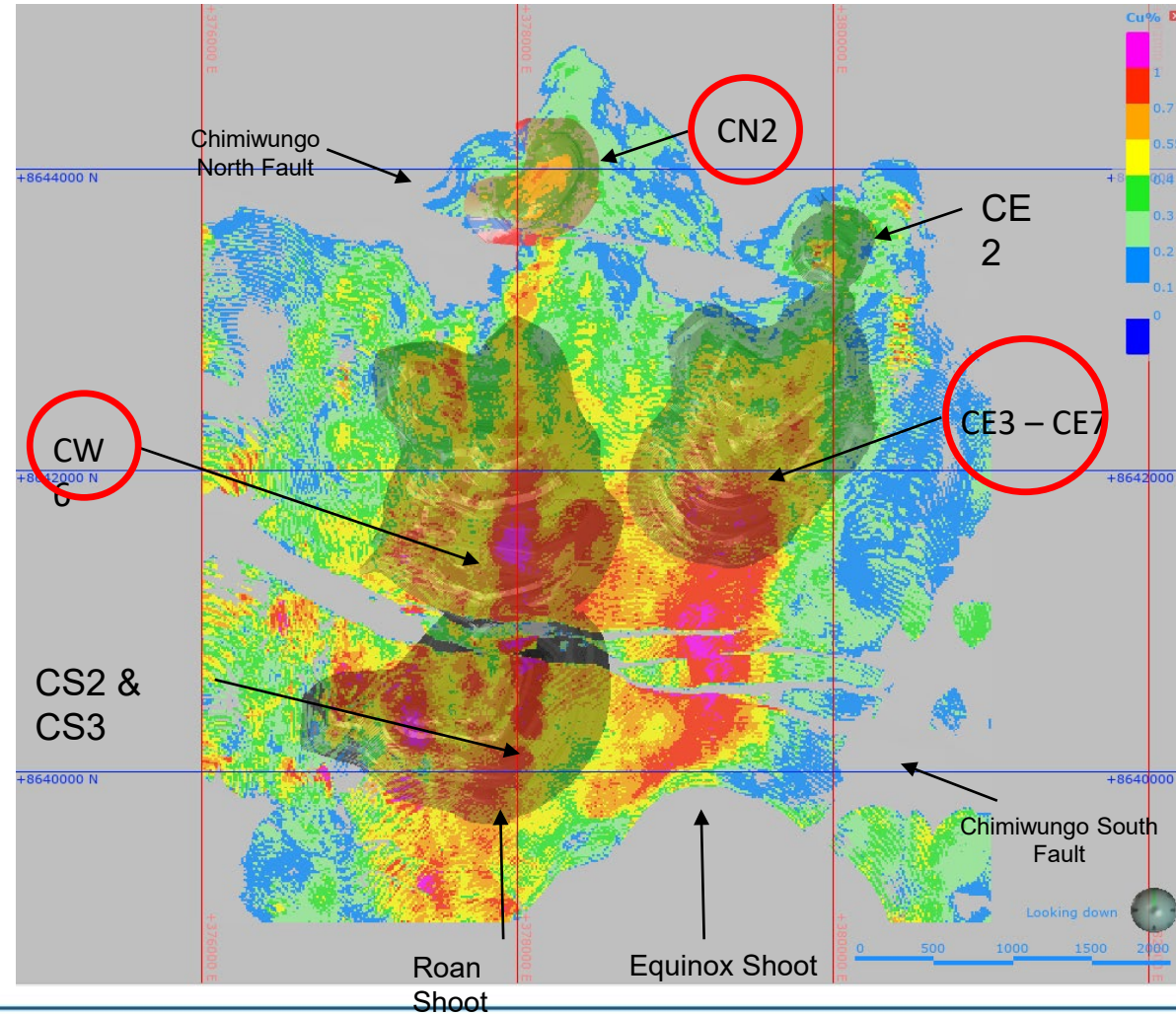
## Lumwana workforce



# Lumwana Mining Company... North West Province

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## Chimwungo Deposit

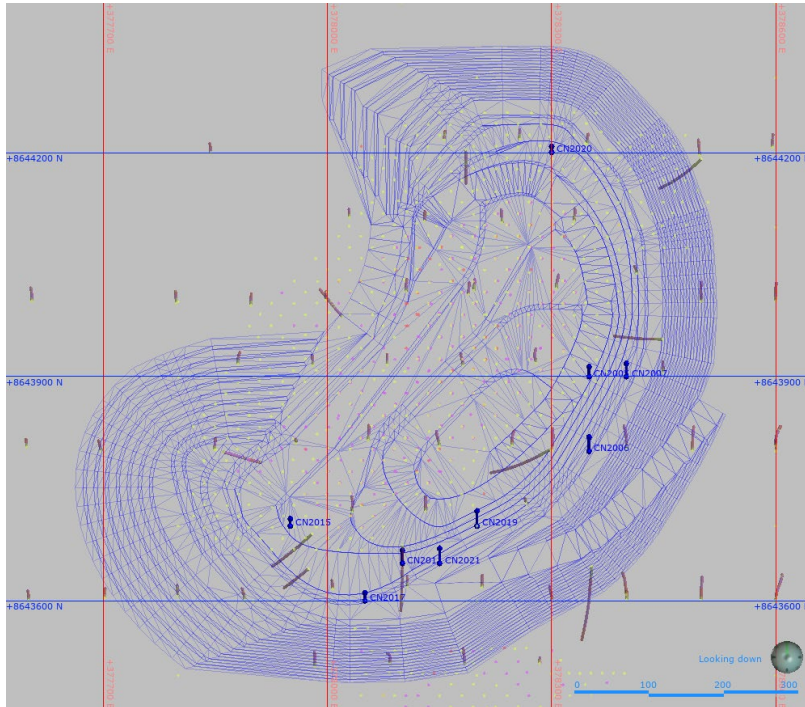


- Two main ore shoots; Roan (west) and Equinox (east) recognized as extensional anti-form structures. Copper mineralisation usually located on flanks of apex
- Mineralization extends 7km east-west & 5km north-south
- Mineralisation is hosted almost entirely within muscovite–phlogopite–quartz–kyanite schists
- Disseminated sulphides (typically <5%) dominated by chalcopyrite and bornite
- Mineralised zones comprise a series of inter-banded ore schists and gneissic units that are structurally derived
- Gneissic units are typically low grade to barren with respect to copper, cobalt and uranium grades
- Mineralised zone and the individual mineralised ore schist and gneiss units have a gentle southerly dip and plunge (10° to 30°)
- Ore schists vary in thickness from 10m-30m and the gneisses can vary from 5m-30m in thickness
- Three broad domains (South, Main and North) separated by two steep south-east to north-west trending dip-slip fault zones

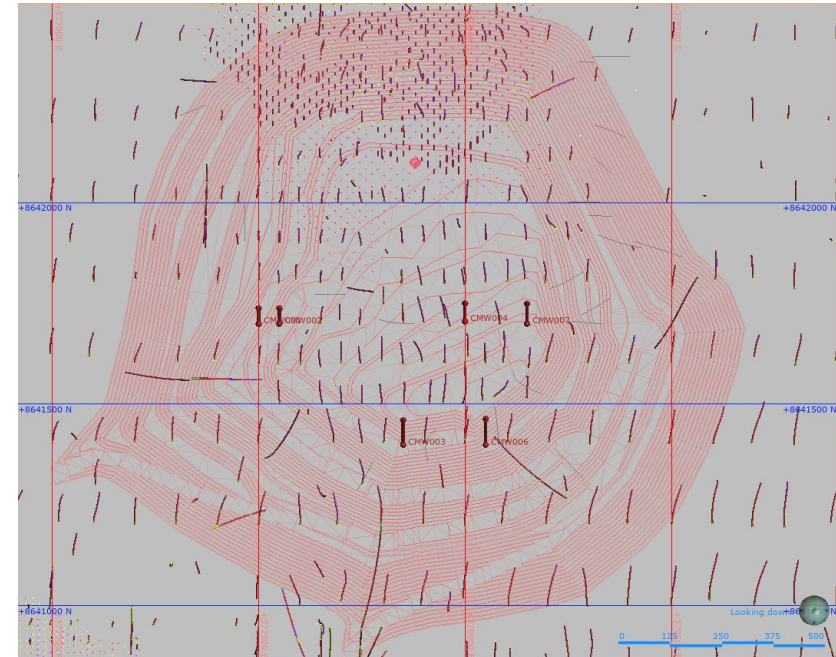
# Lumwana Mining Company... North West Province

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## 2019-Chimwungo North Stage 2 (CN2) – Roan Shoot



- Program design; 9 Holes totaling 861m. **Estimated Cost US\$366K**
- CN2 cut-back located on eastern and southern edge of CN1
- Mineralisation associated with Roan Shoot close to surface (up plunge), north of Chimwungo North Fault
- Proposed infill drilling aimed to better define weathering horizons, internal waste and copper grade
- LOM (MI); 8.4Mt @ 0.39%Cu for 73Mlbs<sup>1</sup>
- LOM (I); 0.8Mt @ 0.44%Cu for 8Mlbs<sup>1</sup>

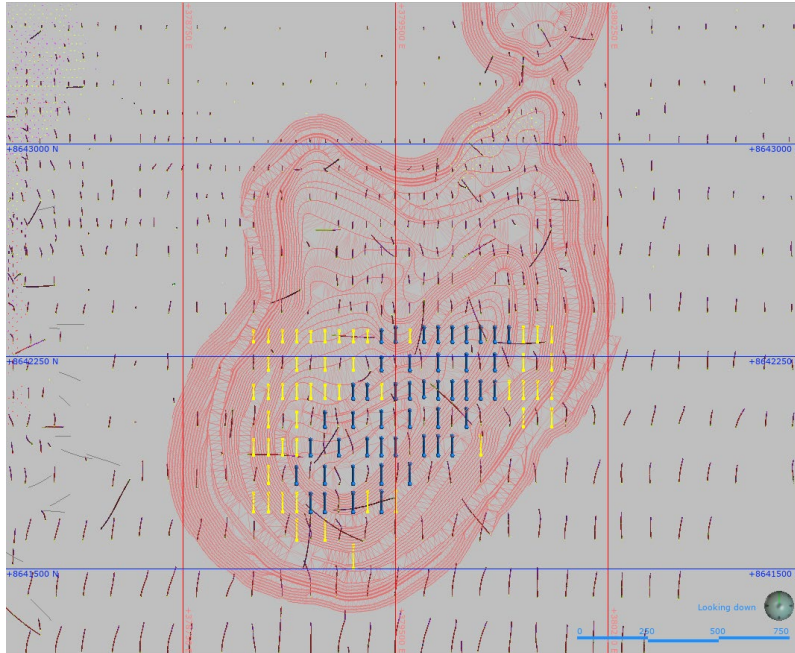


- Program design; 6 Holes totaling 1,705m. **Estimated cost US\$331K**
- CW6 located north of Chimwungo South Fault
- Mineralisation associated with Roan Shoot
- Drilling aimed to better define internal waste and copper grade
- Collar locations in active mining areas. Most collars will be accessible
- LOM (MI); 36Mt @ 0.66%Cu for 535Mlbs<sup>1</sup>
- LOM (I); 0.5Mt @ 0.52%Cu for 6.7Mlbs<sup>1</sup>



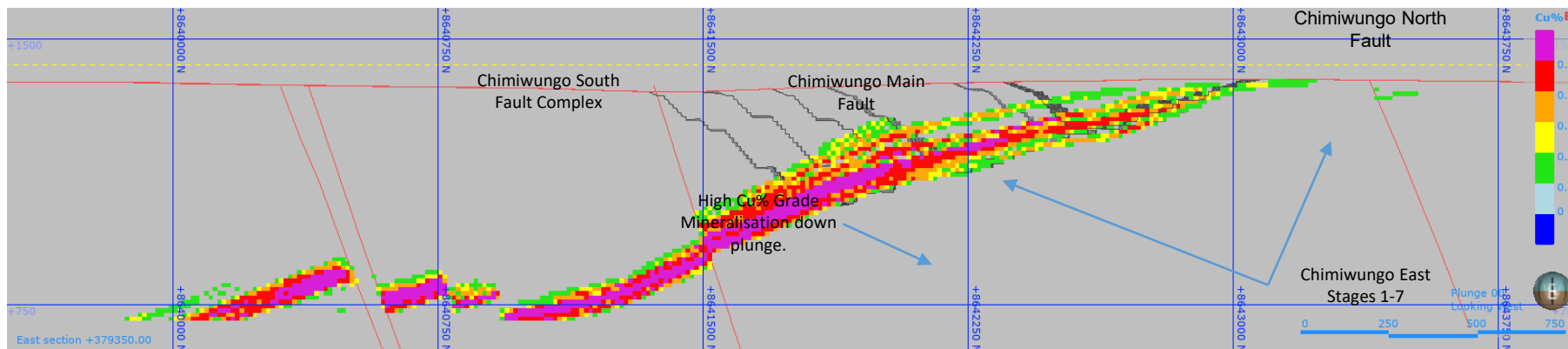
# Lumwana Mining Company... North West Province

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## 2020-2021 Chimiwungo East Stage 3-7 – Equinox Shoot

- Program design; 97 holes totaling 31,325m. Estimated cost 2020 US\$2.9M & 2021 US\$2.9M
- CE3-7 located north of Chimiwungo South Fault
- Mineralisation located on Equinox Shoot
- Drilling aimed to better define internal waste units, HW & FW contacts and copper grade
- Proposed infill drilling integrates with existing inferred drill spacing (100mEx200mN) to reduce drill hole spacing to Indicated (50mE x100mN)
- Drilling programed over two years;
  - 2020; central (blue hole traces)
  - 2021; east & west flanks (yellow hole traces)
- LOM (MI); 112Mt @ 0.57%Cu for 1,386Mlbs<sup>1</sup>
- LOM (I); 8Mt @ 0.44%Cu for 77.7Mlbs<sup>1</sup>

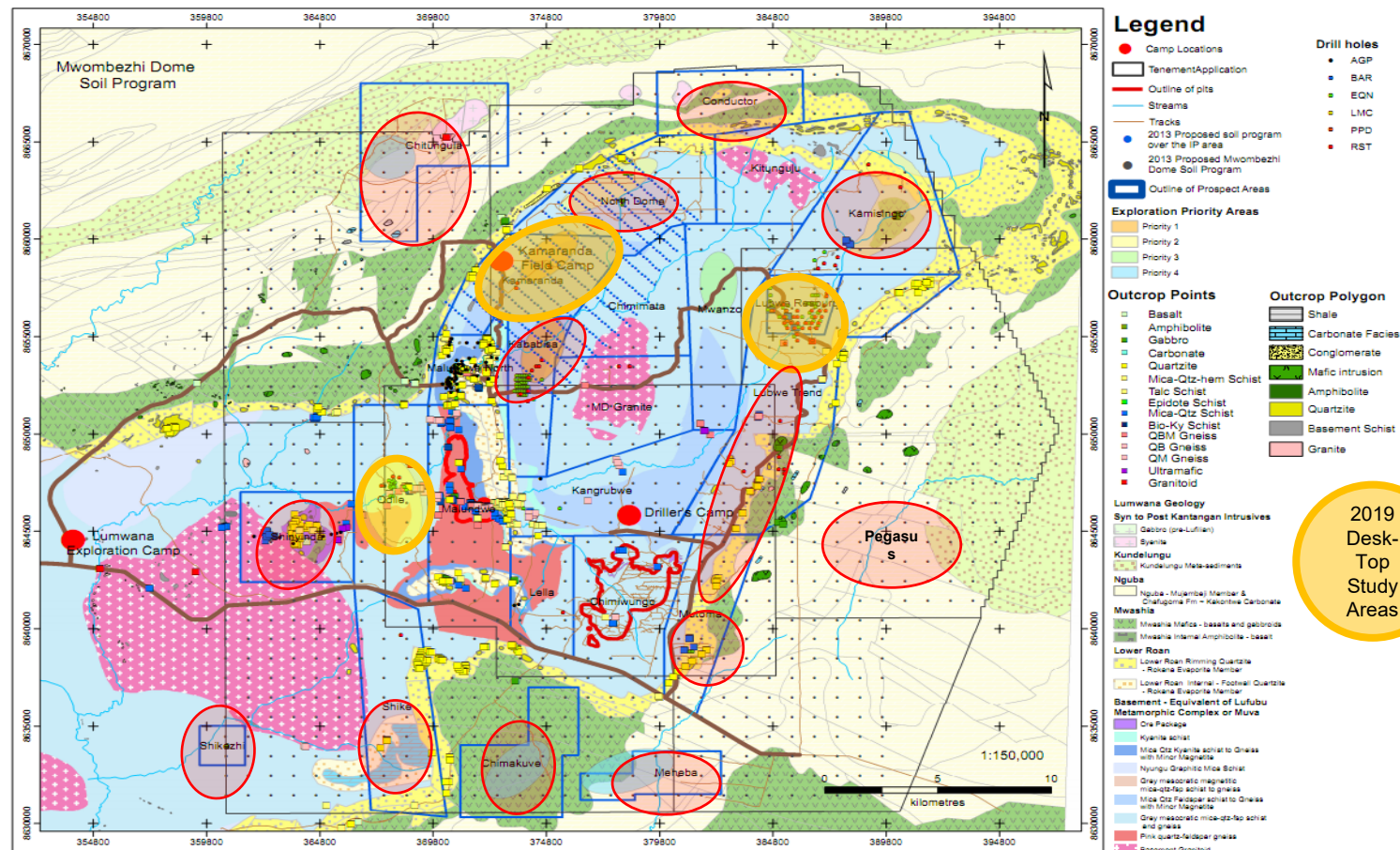




# Lumwana Mining Company... North West Province

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## Mwombezhi Dome, North West Province Greenfield Projects



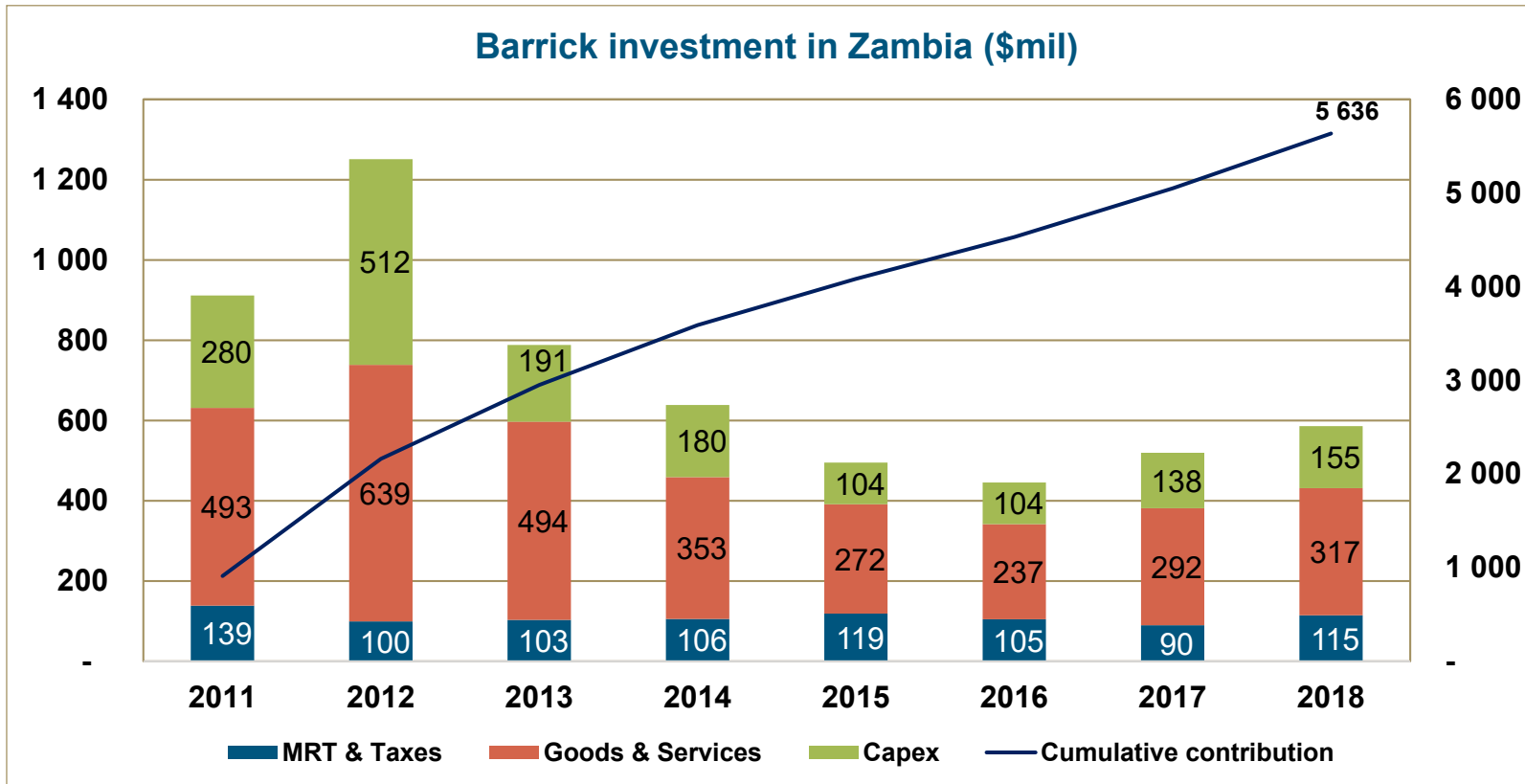
2019  
Desk-  
Top  
Study  
Areas

# Q2 2019...progress/risks towards delivering on business plan



- Continued with skills development for Zambian management and technicians
  - Production at risk due to various operational challenges
    - Zesco energy supply
    - Pending GST implementation
    - VAT refunds (cashflow)
    - Concentrate treatment in-country – alternative export with favourable duty concession
  - Engagement with government on the 2019 tax regime continues
  - Employment code and business implications
  - Statutory Instrument enforcement of 20% supply to local business – capacity and capability
-

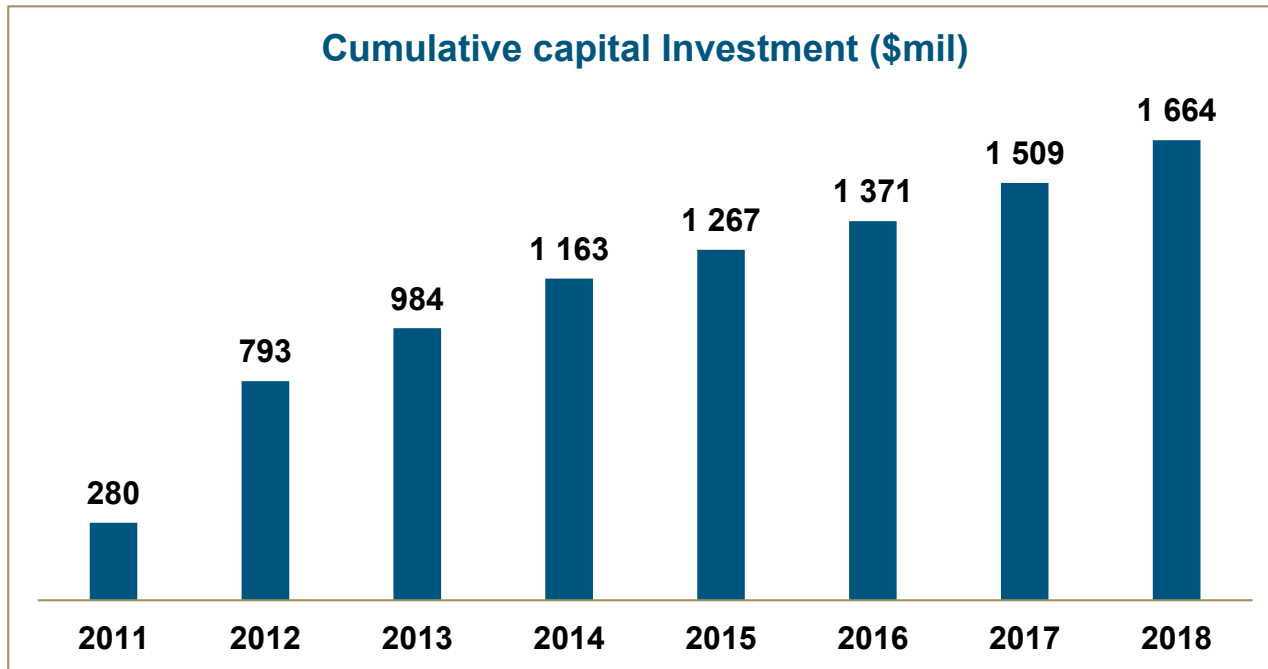
# Barrick investment in Zambia...



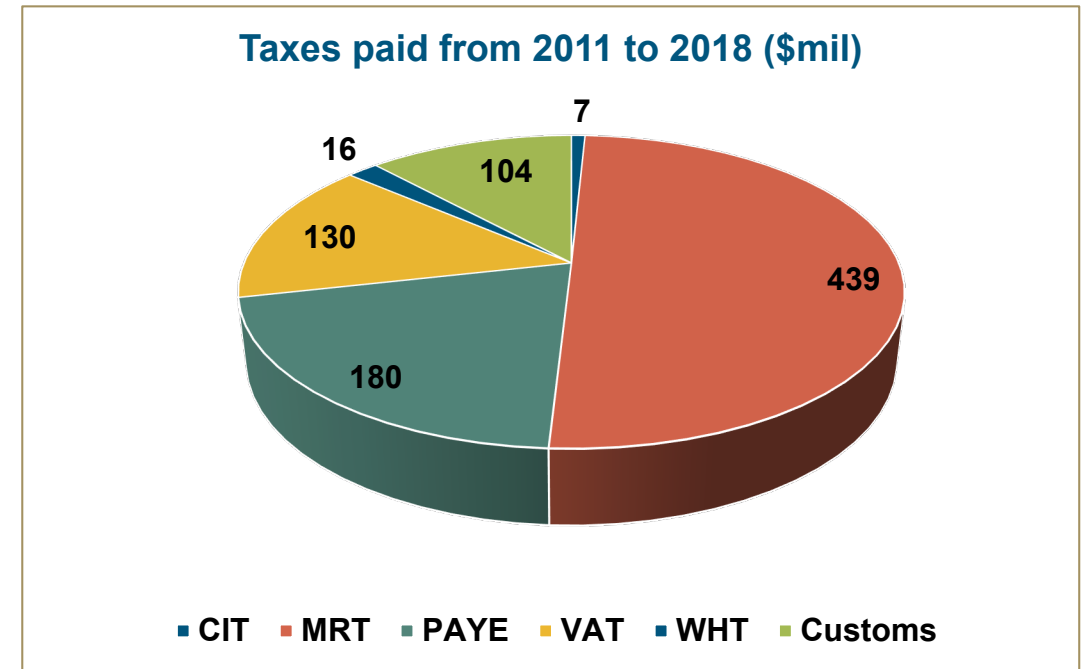
- Since 2011, Lumwana has contributed more than US\$5,6 billion to Zambia's economy:
- US\$876 million – in taxes and royalties paid to the Zambian Government
- US\$3 billion – in goods and services purchased from Zambian registered businesses
- US\$1.7 billion – in capital expenditure investment



# Capital Investment into Lumwana...

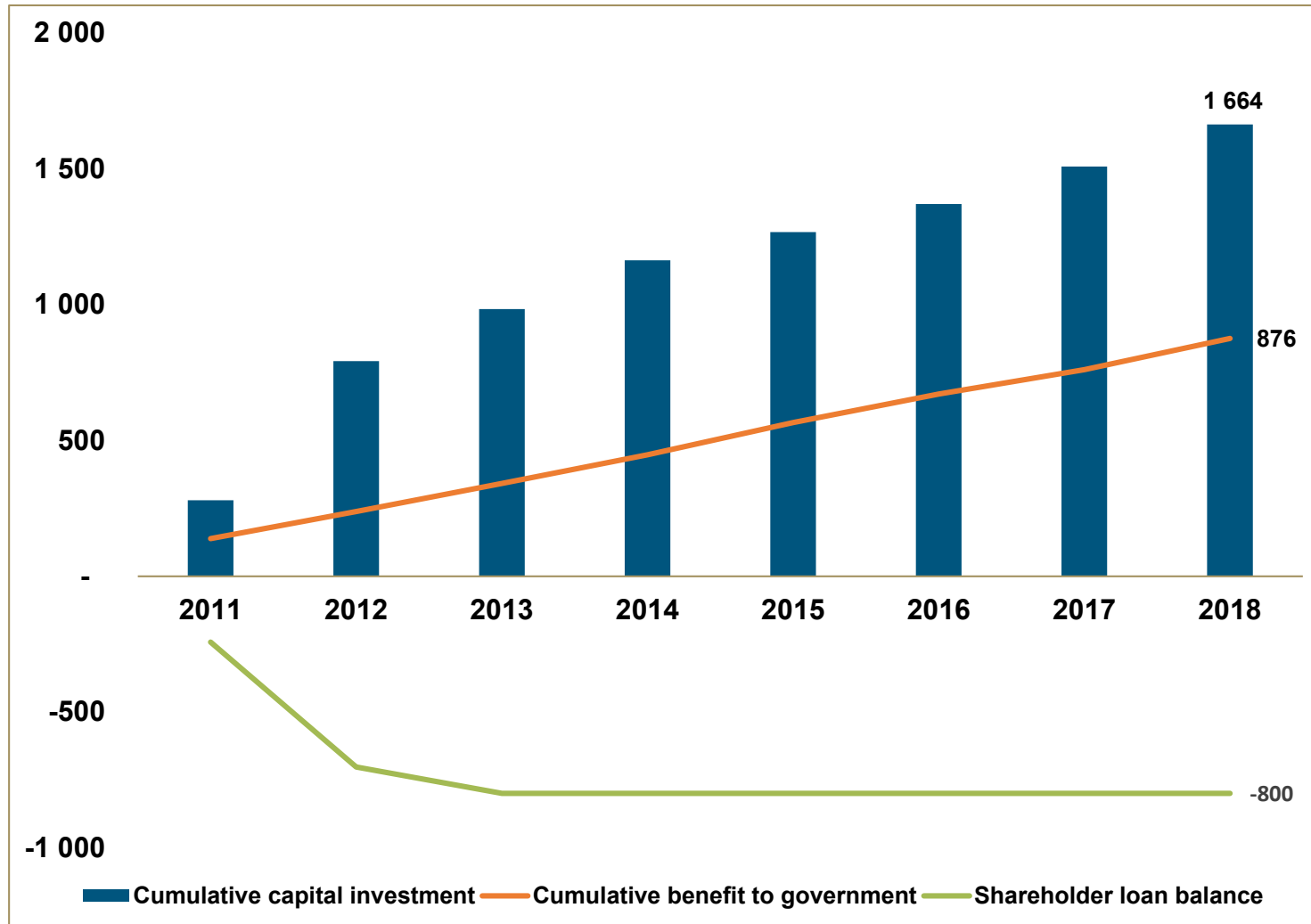


- \$1,7 billion invested in the business over the past 10 years. No dividends have been paid out to Barrick



- Royalties and taxes contribution has been consistent with \$876 million paid to government since 2011

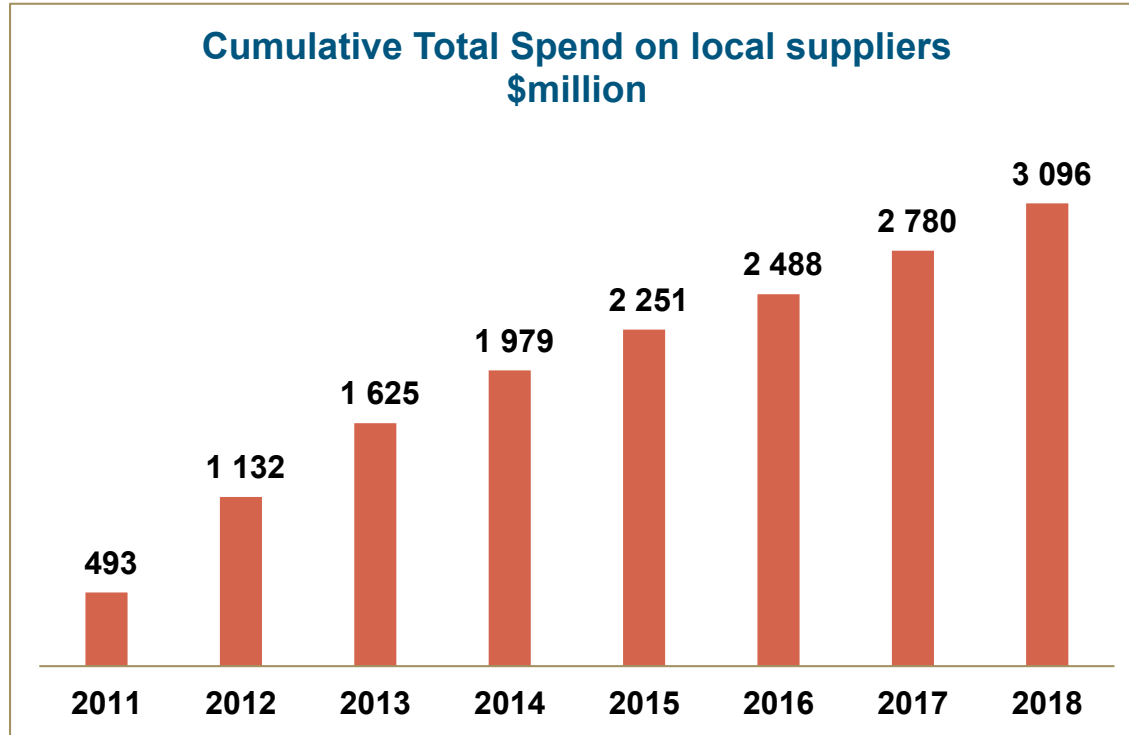
# Barrick's investment and benefits to government...



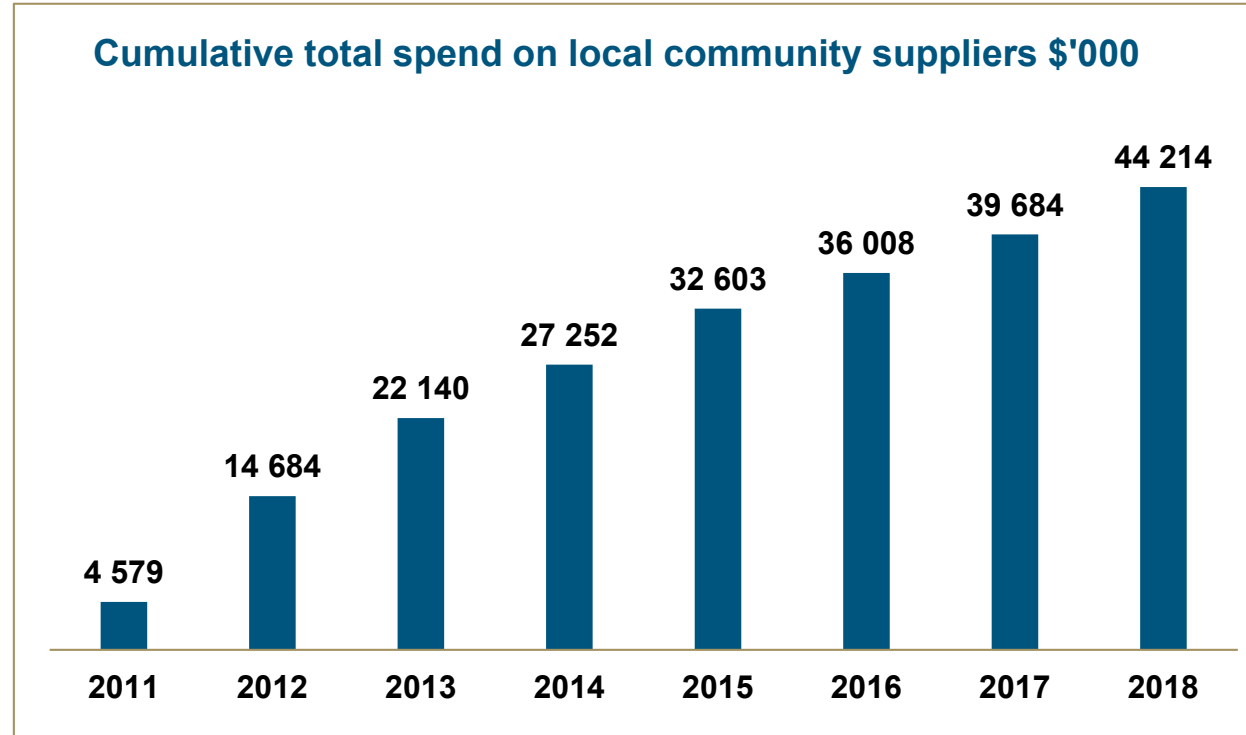
- \$800 million injected into LMC in loan finance
- \$480 million of the loan was converted to equity from acquisition to date
- \$1.7 billion invested in the business since 2011 with no dividend paid out to Barrick
- Over the same period, royalties and taxes contribution has been consistent with \$876 million paid to government since 2011

# Lumwana's contribution to local suppliers and communities...

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- Total spend on local suppliers since 2011 reaching \$3 billion in 2018



- Total spend on local community suppliers around chiefdoms since 2011 reaching \$44 million

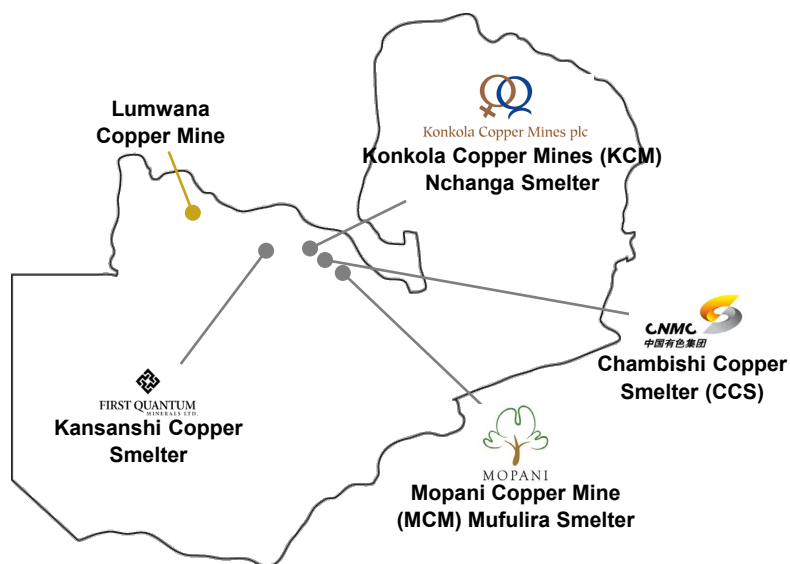


# Supplier spend profile...Q1 2019

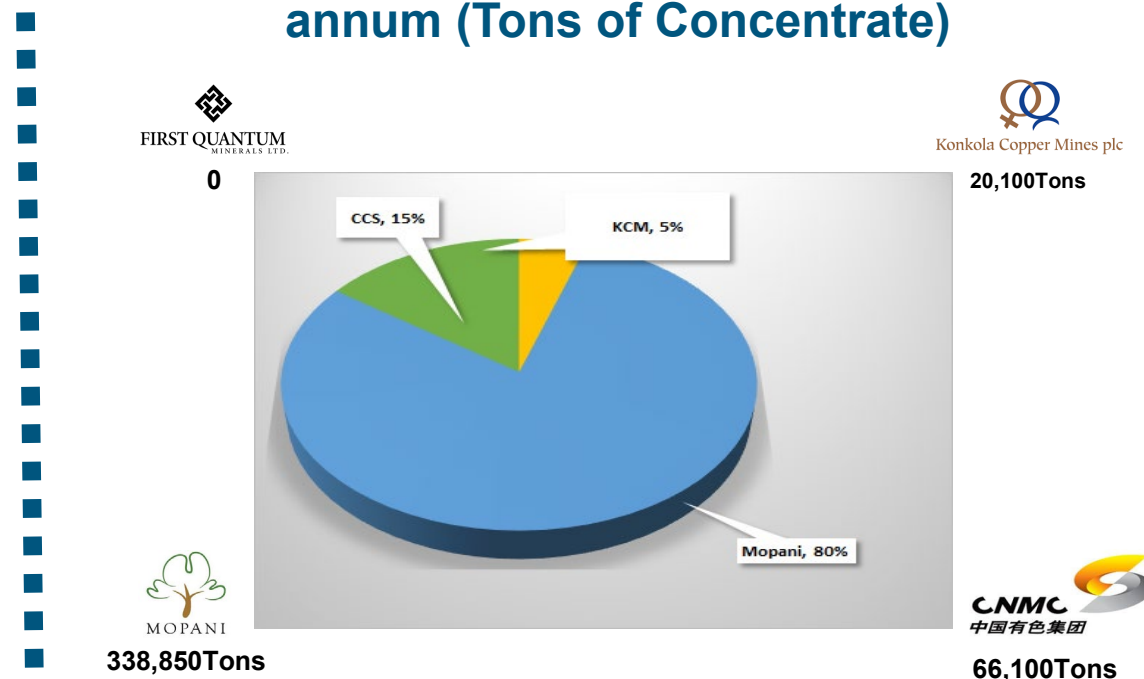


- Over \$3.2 million spent on local C1 (chiefdom) suppliers during Q1 2019
  - Over \$6.5 million spent on local C2 suppliers during Q1 2019
  - Over \$123 million spent on local C3 suppliers during Q1 2019
  - Over \$21.7 million spent on SADC suppliers during Q1 2019
  - Over \$10.4 million spent on non-local suppliers (outside SADC) during Q1 2019
  - This translates into 81% local spend (in-country) and 19% non-local spend (outside the country) overall
-

## Smelter Market Landscape



## LMC Delivery Distribution annum (Tons of Concentrate)

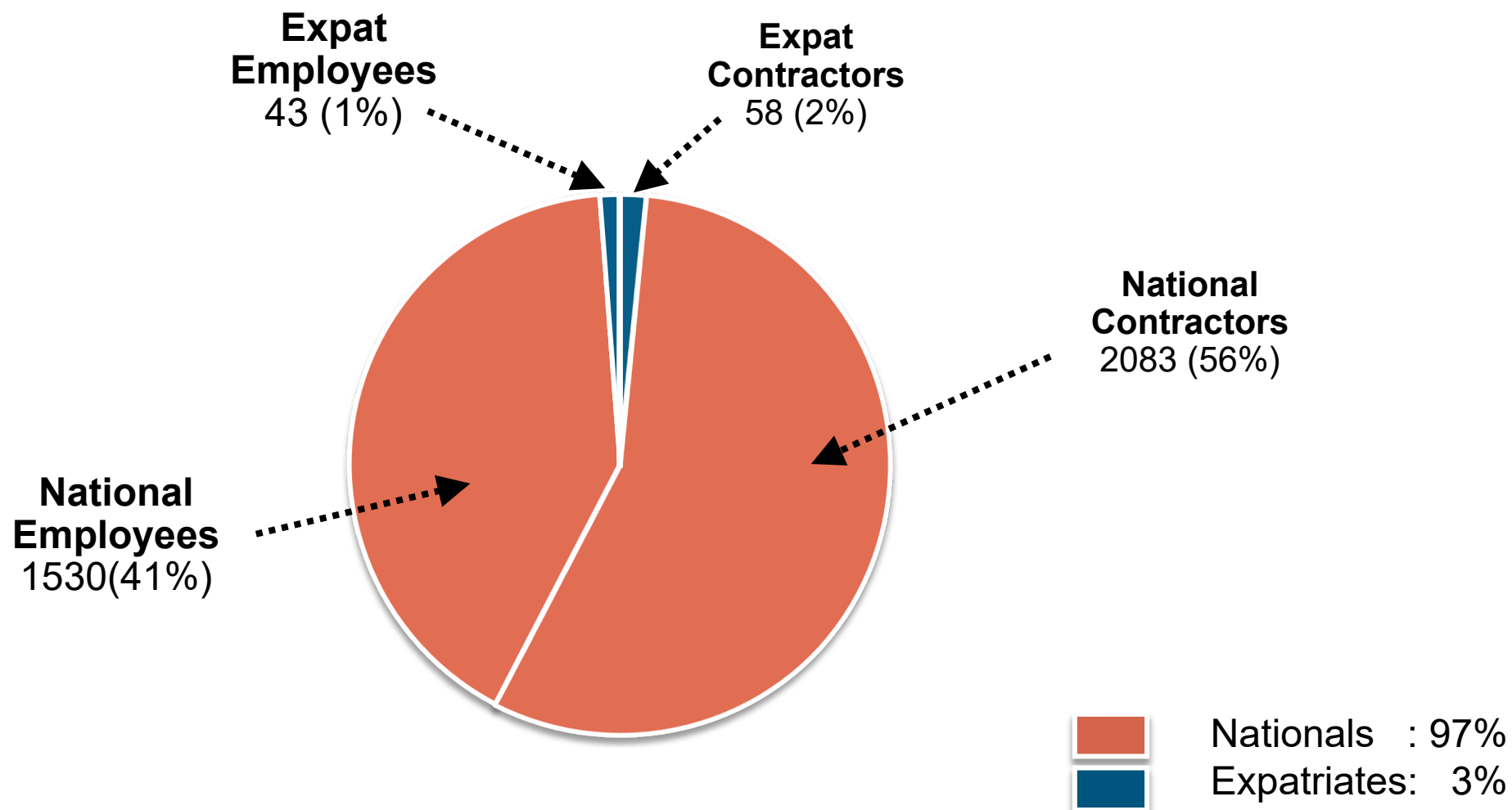


Zambia's five smelters source concentrate from in country Zambia and the DRC, from a combination of proprietary mines and third parties; the refined copper metal is largely exported through Durban in South Africa.

The shutdown of Mopani Smelter which uplifts over 60% of Lumwana concentrate production has created a short term oversupply of concentrate on the market.

# LMC Employees and Contractors...

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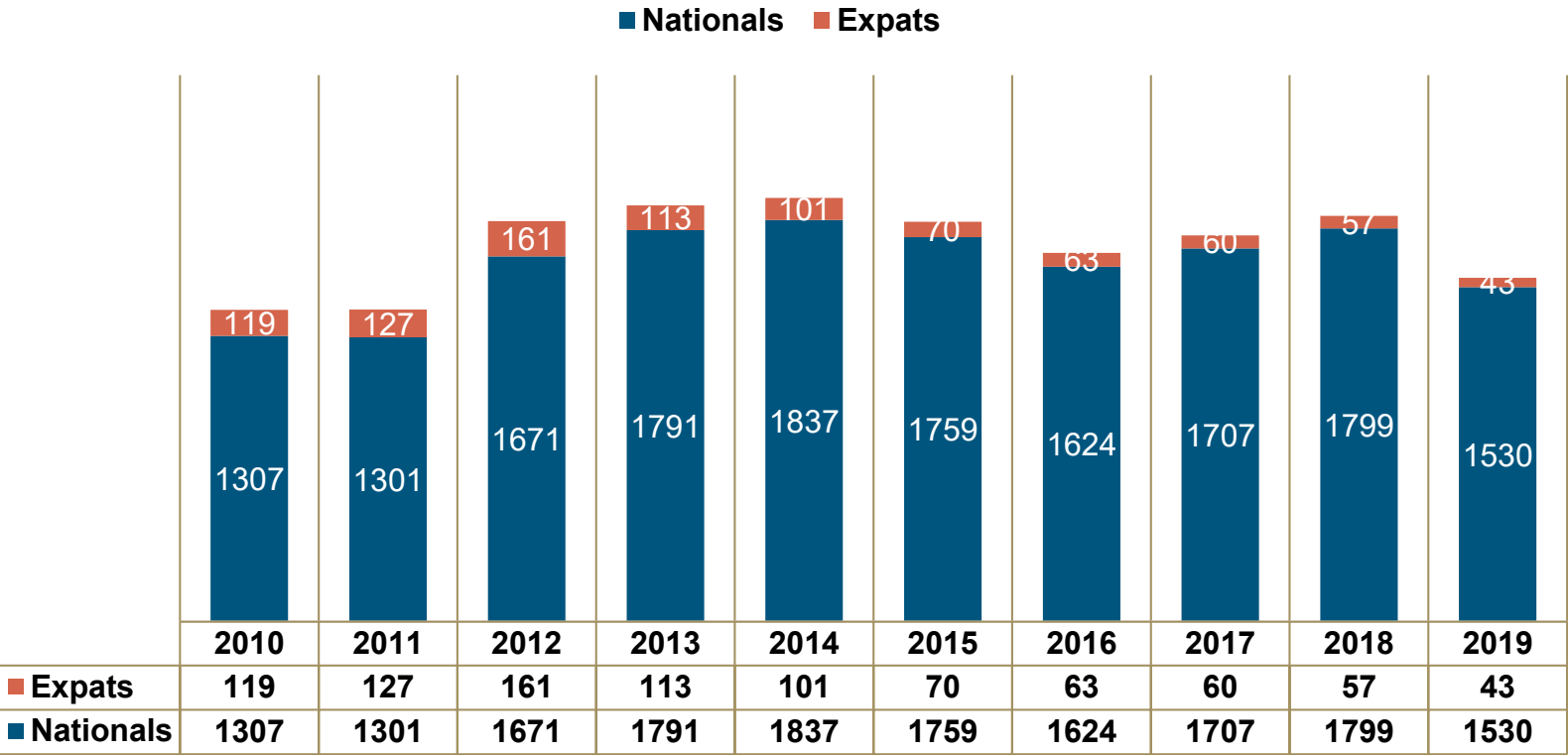


# LMC workforce...97% Zambian



**National  
Employees**  
1530(97%)

## NATIONALS VS EXPATS



**Expatriates**  
43 (3%)

8 Expats currently serving notice of Termination of Contract – The number to reduce to 35 by end of August 2019



Demonstrated Commitment to Zambianisation

Solid track record of delivering results

# Outstanding legal and fiscal issues... we remain committed to amicable solutions



## ■ Currently engaging with Government on:

- Impact of 2019 fiscal regime on Lumwana as a low-grade operation (need to consider the case of low-grade miners)
  - Getting recently concluded Environmental Impact Assessment for recovery of copper ore with elevated levels of uranium approved by ZEMA
  - Getting major critical inputs included on the sales tax exemption list
  - Securing waiver on export duty for export of excess concentrate stocks in view of Mopani decision to conduct emergency rehabilitation at Mufulira smelter
  - Unlocking pipeline of VAT refunds due from 2015. Outstanding refunds currently stand at US\$66.7 million
  - Addressing work permits for key expatriate staff
  - Continued speculation about the sale of Lumwana
  - Resolve house cracking grievance
-

# Community Relations highlights: Lumwana makes a difference...Q1 2019

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## Grievances and Engagement

- 3 grievances were received, of which 1 was resolved as at end of Q1
- Outstanding grievance - No new engagements were made with the 102 residents of Kakaindu regarding their alleged cracked houses. Discussions underway and pending government response for closure
- No social incident was recorded in Q1
- Out of 45 planned engagements, 43 were successfully undertaken with a total of 1878 participants (868 males and 1010 females)

## Potable Water Support

- 2 participatory (community members, sustainability and environment) water monitoring activities were conducted in the nearby community

## Economic Development

- Local farmer supplies and mine local procurement reached \$304,612 during the quarter
- 700 community members enrolled for adult literacy programme in 8 centres
- The community savings group for women raised K200,000 in Q1

## Education Support

- 33 awarded scholarships in tertiary education to the existing 26 making a total of 59
- 30 awarded scholarship under CanEducate adding to the existing 94 making a total of 124
- 2 classroom blocks completed at Manyama and Matebo secondary schools

## Community Investment

- A total of \$226,000 was invested in the community during the quarter





# Community Relations highlights: Lumwana makes a difference...Q1 2019

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- Complementary budget support from partnerships in education, livelihoods and gender based violence programs
- Improved communications outlook with media partnerships, business exhibition, project hand overs
- Improved engagement with key stakeholders
- Pressure to resolve house cracking grievance
- What are the actions to ensure we achieve these opportunities? Table with actions and dates on next slide



# Progress on Community Projects...

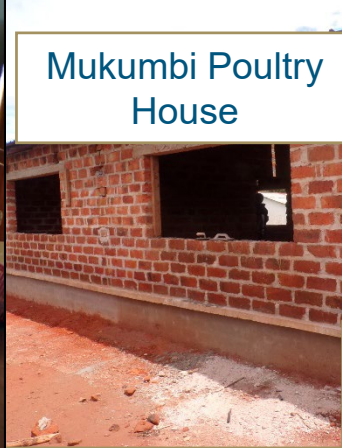


S/N	Project	Progress	Timeframe	Commentary
1	Mukumbi Poultry House	95%	Q1 2019	Building done – Awaits birds & feed
2	Mukumbi Hammerhill House	95%	Q1 2019	Building done – Awaits Hammerhill
3	Mutanda Abattoir	90%	Q2 2019	Building done – Awaits equipment
4	Matebo 1x3 Classroom block	100%	Q1 2019	Awaits handover in April
5	Manyama 1x3 Classroom block	100%	Q1 2019	Awaits handover in April
6	Holy Family Rural Health Centre – Incinerator project	100%	Q1 2019	Awaits hand in April
7	Matebo Kichile Rural Health Centre	50%	Q3 2019	On course
8	Mukumbi High School Science Laboratory	70%	Q2 2019	In progress – Contractor now on site
9	Police Housing Project	65%	Q2 2019	In-progress
10	Mumena Welfare Centre	60%	Q2 2019	In-progress as per schedule
11	Mukumi Royal Office	90%	Q1 2019	Building completed – Awaits furniture
12	Mumena Ablution block construction	85%	Q2 2019	In-progress
13	Mukumbi Desk project (170 desks)	100%	Q1 2019	Complete





Mukumbi Poultry House



Incinerator at Holy Family



Mumena Welfare Centre



Lumwana Police Housing Project



Matebo 1x3 Classroom block



Mukumbi Desk project



Matebo RHC



Mukumbi School Laboratory





## **Technical Information**

The scientific and technical information contained in this presentation has been reviewed and approved by Simon Bottoms, CGeol, MGeol, FGS, MAusIMM, Mineral Resources Manager: Africa and Middle East, a “Qualified Person” as defined in National Instrument 43-101 – *Standards of Disclosure for Mineral Projects*.

### **Endnote 1:**

Estimated in accordance with National Instrument 43-101 as required by Canadian securities regulatory authorities. Estimates are as of December 31, 2018, unless otherwise noted. Complete mineral reserve and mineral resource data for all mines and projects referenced in this presentation, including tonnes, grades, and ounces, can be found on pages 33-45 of Barrick’s Annual Information Form for the year ended December 31, 2018.