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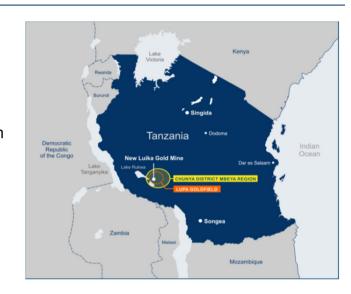






#### **About Shanta Gold**

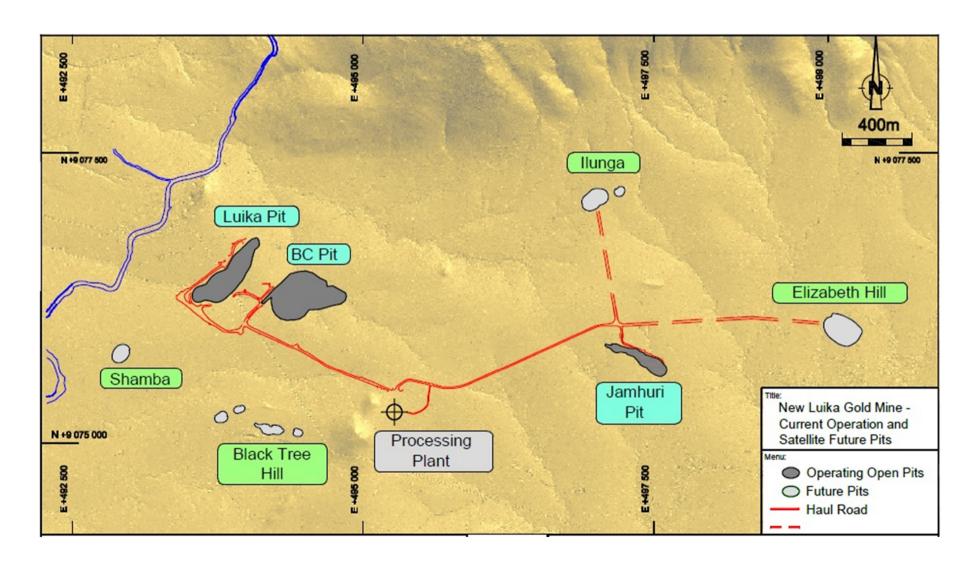
- East Africa-focused gold producer, developer and explorer with 2,500 km<sup>2</sup> of prospective ground in Tanzania
- Committed to delivering sustainable low-cost mining operations through value engineering and optimisation
- Base case mine plan ("the Plan") for New Luika Gold Mine ("NLGM") delivered Q3 2015 comprises:
  - ✓ ongoing surface mining
  - ✓ separate tailings recovery project
  - ✓ underground mining operation
- NLGM mine life extended to produce 462,000 ounces ("oz") from January 2016 – early 2022, with excellent exploration upside within and surrounding the licence area
- Exploration and development to continually add and convert resources as subsequent Mine Plan updates, concurrent to stabilised, economically competitive production
- On track to achieve 2015 annual guidance of 72-77,000 oz and All In Sustaining Costs ("AISC") US\$850-900 /oz



| Financial position                          |               |
|---|---------------|
| Current Price (pence)*                      | 5.62          |
| 52 week range (pence)*                      | 4.13 - 11.50  |
| Shares Outstanding                          | 468.2 million |
| Market Cap* (GBP)                           | 26.3 million  |
| Cash (US\$)                                 | 11.2 million  |
| Net Debt incl. \$25m<br>Convertibles (US\$) | 49.1 million  |
| Enterprise Value (US\$)                     | 89.8 million  |

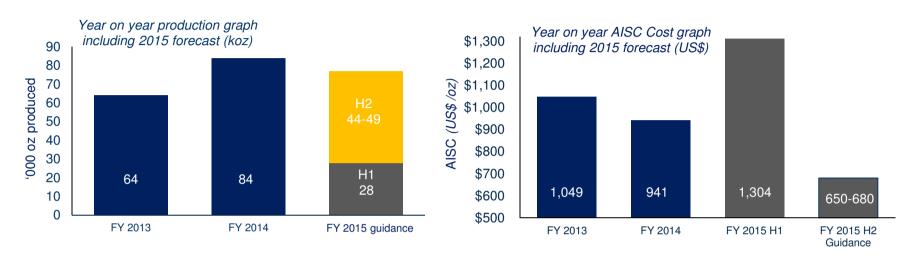


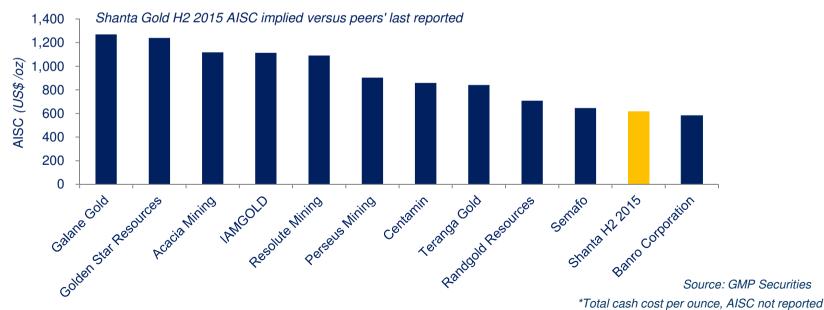
# **NLGM** operations today





#### **NLGM** performance in 2015





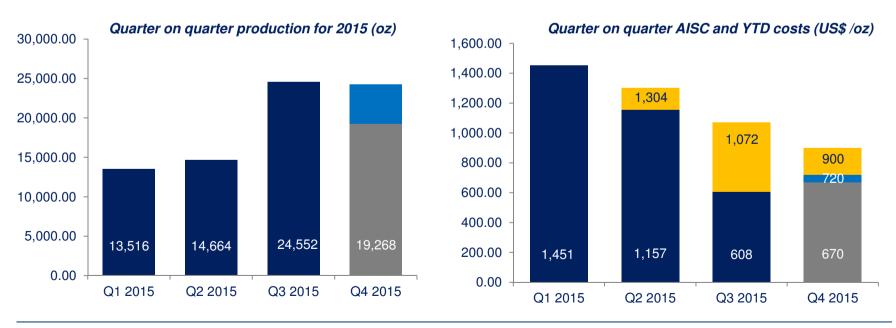






## Strong production and cost performance

- Record gold production of 24,552 oz (Q2: 14,664 oz)
- Gold sales of 26,254 oz at an average price of US\$1,175 per oz ("/oz") (Q2: 11,590 oz at US\$1,222 /oz)
- Cash Cost of US\$453 /oz (Q2: US\$834 /oz) and AISC of US\$608 /oz (Q2: US\$1,157 /oz)
- 2015 production guidance on track to achieve 72,000-77,000 oz
- 2015 AISC guidance on track to achieve US\$850 /oz to US\$900 /oz
- Bauhinia Creek and Luika Pits re-optimised and re-designed to generate significant reduction in Life of Pit strip ratios and mining costs





- Cash generated from operations US\$13.2 m. (Q2: loss of US\$3.0 m) and US\$5.4 m period gold proceeds received after period end
- Capital expenditure of US\$7.3 m (Q2: US\$6.6 m) including open pit development expenditure

| All figures US\$m              | Q3 2015 | Q2 2015 | Q1 2015 |
|--------------------------------|---------|---------|---------|
| Cash generated from operations | 13.2    | -3      | 5.8     |
| Cash balance                   | 11.2    | 5.9     | 9.2     |
| Capital expenditure            | 7.3     | 6.6     | 8.1     |
| Gross Debt                     | 60.3    | 60.4    | 52.7    |
| Net debt                       | 49.1    | 54.5    | 43.5    |

#### Q3 2015 financial highlights

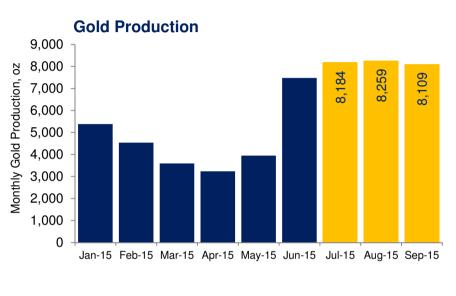
- Gross debt of US\$60.3 m (Q2: US\$60.4 m) and net debt of US\$49.1 m (Q2: US\$54.5 m)
- Improved unit cost performance mainly as a result of lower strip ratios and higher gold production
- Forward sales from November 2015 to April 2016 of 25,000 oz at an average price of US\$1,176 /oz

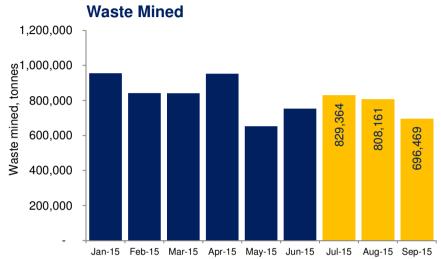
2015 AISC guidance of US\$850-900 /oz places Shanta in the lowest quartile of current producers

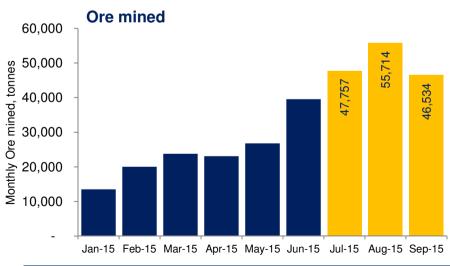
Q3 2015 Cash Cost and AISC of US\$453 /oz and US\$608 /oz respectively

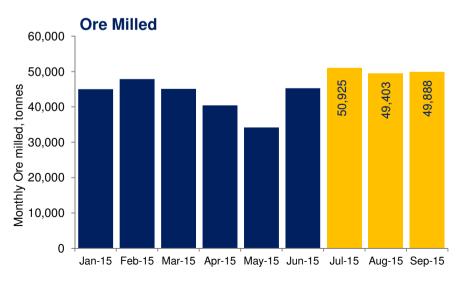


#### 2015 return to stabilised, sustainable production

















# Strategy: to maximise value through optimised use of existing assets and extension of mine life within and in close proximity to the mining licence

- Includes ongoing surface mining, a tailings recovery project and incorporates the underground mining operation
- Extraction of 2.79 Mt for the production of 443,000 oz from January 2016 to Q1 2022 with 133,000 oz (30%) from open pit and 310,000 oz (70%) from underground
- A separate tailings recovery project produces a further 19,000 oz with a project NPV of US\$5.1m at an 8% discount rate and a pre-tax IRR of 49%
- Substantial scope to improve the mine plan from further resource delineation - unutilised mill capacity over the next five years representing 362,000 tonnes of spare throughput
- Production for next five years averages 84,000 oz pa

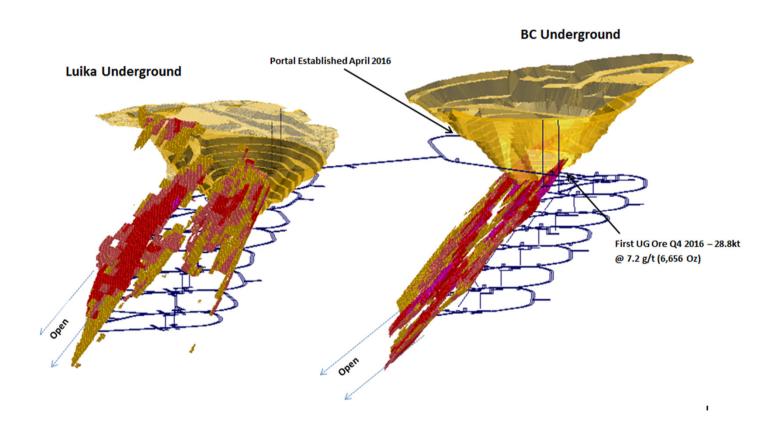
| Base-Case Mine Plan Summary                 |                                      |  |  |  |
|---|--------------------------------------|--|--|--|
| Open pit and underground reserve            | 2.65 Mt at 5.9 g/t<br>for 506,000 oz |  |  |  |
| Projected mine life                         | Six years                            |  |  |  |
| NPV (post-tax) at 8%                        | US\$110.4 m<br>from 1 January 2016   |  |  |  |
| Total capital expenditure over project life | US\$77.6 m<br>from 1 January 2016    |  |  |  |
| Payback period                              | Three years                          |  |  |  |
| Life of Mine Cash Cost                      | US\$535 /oz                          |  |  |  |
| Life of Mine AISC                           | US\$695 /oz                          |  |  |  |



## **Underground feasibility study highlights**

- Extraction of 1.57 Mt at 6.5 g/t over six years for the production of 310,000 oz
- Project NPV8 at a gold price of US\$1,200 /oz is US\$72 m with a pre-tax IRR of 56%
- Underground life of mine Cash Cost and AISC of US\$499 /oz and US\$640 /oz respectively
- Pre-production capital cost of US\$38.4 m. Options being reviewed to finance underground mobile equipment and power plant with the balance of funding to come from internal cash flow and Investec standby facility
- Targeting commencement of portal development in Q2 2016 with underground production scheduled from Q2 2017

# **BC** and Luika looking east







- Underground reserves increase by 31,000 oz (10%) to 329,000 oz on lower tonnes but improved grade with 1.57 Mt at 6.5 g/t on US\$1,200 /oz gold price
- Probable reserves for surface and underground of 2.65 Mt at 5.9 g/t gold, for 506,000 oz

| Deposit and classification                     | Ore tonnes<br>(kt) | Ore grade<br>(g/t Au) | Contained<br>Ounces (koz) | Recoverable<br>Ounces<br>(koz) |
|--|--------------------|-----------------------|---------------------------|--------------------------------|
| Total Ore Reserves – Underground               | 1,571              | 6.5                   | 329                       | 296                            |
| Total Ore Reserves – Open Pits                 | 1,085              | 5.08                  | 177                       | 159                            |
| Total Ore Reserve – Open Pits +<br>Underground | 2,656              | 5.93                  | 506                       | 455                            |



### **Exploration and future potential**

- Total resources that sit outside of the Plan of 6.64 Mt at 2.41 g/t for 514,000 oz:
  - √ can potentially benefit from further exploration
  - ✓ are a development priority
  - √ all sit within the NLGM license enabling quick access to early production
- One example is the Elizabeth Hill Indicated resource declared on 17 September 2015 as 2.3 Mt at 1.7 g/t for 128,000
   oz
- Based on reserves at the time of completing the Plan, unutilised mill capacity over the next five years representing 362,000 tonnes of spare throughput
- Ongoing resource exploration and optimisation work to utilise full mill capacity to add near term project value
- Additional resources brought into the Plan can further extend the life of the high grade underground resources, push out capital expenditure, extend the life of the operation and further improve NPV
- · High grade underground deposits are open at depth and carry significant inferred resources that will be further explored





#### **SUMMARY Q3 2015**

- ✓ Record quarterly gold production of 24,552 oz
- ✓ Cash Cost of US\$453 /oz and AISC of US\$608 /oz
- ✓ Annual production guidance on track to achieve 72,000-77,000 oz at AISC of US\$850 /oz to US\$900 /oz

#### **OUTLOOK**

- Production for five years from 2016 to average 84,000 oz per annum
- NLGM mine life extended to produce 443,000 oz between January 2016 2022
- Underground production to commence from Q2 2017
- Low cost producer going forward Average AISC from 2016 to 2022 of \$695/oz
- Robust post-tax NPV<sup>8</sup> of \$110m at \$1,200/oz
- Targeted exploration program advancing on-licence mineralisation of 6.64 Mt at 2.41 g/t for 514,000 oz not currently in the mine plan
- Subsequent resource upgrades to be added into the mine plan, benefitting from un-utilised mill capacity
- Multiple near mine exploration opportunities with potential to add longer life to proven operating assets







# **Production performance quarter-on-quarter**

|                                   | Q3 2015 | Q2 2015 | Q1 2015 | Q4 2014 | Q3 2014 |
|-----------------------------------|---------|---------|---------|---------|---------|
| Tonnes ore milled                 | 150,216 | 119,857 | 137,894 | 154,309 | 153,301 |
| Grade (g/t)                       | 5.68    | 4.27    | 3.38    | 4.37    | 4.47    |
| Recovery (%)                      | 89.5    | 89.3    | 90.1    | 88.2    | 89.1    |
| Gold (ounces)                     |         |         |         |         |         |
| Production                        | 24,552  | 14,664  | 13,516  | 19,114  | 22,720  |
| Sales                             | 26,254  | 11,590  | 13,551  | 24,700  | 18,600  |
| Silver production                 | 36,043  | 24,398  | 24,600  | 34,768  | 38,999  |
| Realised gold price<br>(US\$ /oz) | 1,175   | 1,222   | 1,252   | 1,253   | 1,306   |



# **Mine Plan Production Profile**

| PRODUCTION             |        | 2016      | 2017      | 2018    | 2019    | 2020    | 2021   | 2022   | Total     |
|------------------------|--------|-----------|-----------|---------|---------|---------|--------|--------|-----------|
|                        |        |           |           |         |         |         |        |        |           |
| Open Pit               |        |           |           |         |         |         |        |        |           |
| Material Mined         | tonnes | 5,229,643 | 1,828,397 | 251,617 | -       | -       | -      |        | 7,309,658 |
| Ore Mined              | tonnes | 559,088   | 326,719   | 71,877  | -       | -       | -      |        | 957,685   |
| Strip Ratio            |        | 8         | 5         | 3       | -       | -       | -      | -      | 7         |
| Grade                  | g/t    | 5.35      | 4.38      | 2.30    | -       | -       | -      |        | 4.79      |
| Contained Gold         | koz    | 96        | 46        | 5       | -       | -       | -      | -      | 148       |
| Underground            |        |           |           |         |         |         |        |        |           |
| Material Mined         | tonnes | 227,309   | 454,676   | 621,738 | 796,402 | 540,606 | 85,992 | 56,077 | 2,782,800 |
| Ore Mined              | tonnes | 41,684    | 271,737   | 396,755 | 538,273 | 449,861 | 81,586 | 53,273 | 1,833,168 |
| Grade                  | g/t    | 5.45      | 4.62      | 5.54    | 6.21    | 5.49    | 8.64   | 9.68   | 5.84      |
| Contained Gold         | koz    | 7         | 40        | 71      | 107     | 79      | 23     | 17     | 344       |
| Reserve Ore Mined      | tonnes | 28,433    | 153,901   | 306,528 | 514,194 | 432,810 | 81,586 | 53,273 | 1,570,725 |
| Reserve Grade          | g/t    | 7.12      | 8.06      | 7.93    | 7.41    | 6.70    | 11.97  | 14.37  | 7.72      |
| Mineralized Waste      | tonnes | 13,251    | 117,836   | 90,228  | 24,079  | 17,051  |        |        | 262445    |
| Mineralized Grade      | g/t    | 1.86      | 1.86      | 1.86    | 1.77    | 1.77    |        |        | 1.85      |
| Total                  |        |           |           |         |         |         |        |        |           |
| Ore Mined              | tonnes | 600,772   | 598,456   | 468,633 | 538,273 | 449,861 | 81,586 | 53,273 | 2,790,853 |
| Grade                  | g/t    | 5.36      | 4.49      | 5.04    | 6.21    | 5.49    | 8.64   | 9.68   | 5.48      |
| Contained Gold         | koz    | 104       | 86        | 76      | 107     | 79      | 23     | 17     | 492       |
| Processing             |        |           |           |         |         |         |        |        |           |
| Tonnes Milled          | tonnes | 523,651   | 600,000   | 526,268 | 530,882 | 457,252 | 81,586 | 53,273 | 2,772,911 |
| Head Grade             | g/t    | 5.52      | 4.65      | 4.96    | 6.23    | 5.48    | 8.64   | 9.68   | 5.53      |
| Mine Gold Produced     | koz    | 84        | 81        | 76      | 96      | 72      | 20     | 15     | 443       |
| Tailings Gold Produced | koz    |           | 5         | 3       | 3       | 3       | 3      | 3      | 19        |
| Total Gold Produced    | koz    | 84        | 86        | 78      | 98      | 75      | 23     | 18     | 462       |



# **Mine Plan Operating Costs Summary**

| COSTS (US\$/oz)             |       | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|-----------------------------|-------|------|------|------|------|------|------|------|-------|
| Open Pit Mining             | \$/oz | 358  | 338  | 242  | -    | -    | -    | -    | 341   |
| Underground Mining          | \$/oz | 291  | 342  | 286  | 258  | 284  | 183  | 162  | 271   |
|                             |       |      |      |      |      |      |      |      |       |
| Processing                  | \$/oz | 159  | 195  | 176  | 141  | 166  | 146  | 160  | 165   |
| G&A                         | \$/oz | 117  | 114  | 125  | 100  | 130  | 63   | 82   | 112   |
| By-product Credit           | \$/oz | (24) | (23) | (26) | (26) | (27) | (33) | (35) | (26)  |
| Royalty & Selling           | \$/oz | 61   | 61   | 61   | 61   | 61   | 62   | 62   | 61    |
| Other (SIB, Interest, Corp) | \$/oz | 141  | 118  | 107  | 80   | 91   | 44   | 57   | 102   |
|                             |       |      |      |      |      |      |      |      |       |
| Cash Cost                   |       |      |      |      |      |      |      |      |       |
| Open Pit Mining             | \$/oz | 610  | 603  | 672  | -    | -    | -    | -    | 613   |
| Underground Mining          | \$/oz | 547  | 611  | 524  | 446  | 547  | 324  | 325  | 499   |
| Total                       | \$/oz | 605  | 607  | 543  | 465  | 543  | 338  | 343  | 532   |
|                             |       |      |      |      |      |      |      |      |       |
| AISC                        |       |      |      |      |      |      |      |      |       |
| Open Pit Mining             | \$/oz | 817  | 822  | 885  | -    | -    | -    | -    | 835   |
| Underground Mining          | \$/oz | 691  | 758  | 666  | 599  | 703  | 436  | 455  | 640   |
| Total                       | \$/oz | 807  | 786  | 712  | 606  | 696  | 444  | 462  | 695   |



## **Mine Plan Capital Expenditure**

- Key infrastructure projects such as; water security, power supply and tailings storage will be completed as part of the
   Mine Plan
- The new tailings storage will be commissioned in 2016 to provide for an initial eight year mine life at current mill
  capacity
- Underground capital expenditure does not reflect 50% of the power project, which is included as a separate item

|  | Q4 2015 | 2016   | 2017   | 2018   | 2019   | 2020  | 2021  | 2022  | TOTAL  |
|--|---------|--------|--------|--------|--------|-------|-------|-------|--------|
|  | \$000   | \$000  | \$000  | \$000  | \$000  | \$000 | \$000 | \$000 | \$000  |
| UG Capital Development                   | 6,019   | 21,532 | 7,558  | 8,674  | 9,503  | 0     | -     | -     | 53,286 |
| Open pit Mines Development               | 4,051   | 785    | 200    | +      | -      | -     | -     | -     | 5,036  |
| Power Plant Uprate                       | 3,790   | 11,216 | -      | -      | -      | -     | -     | -     | 15,006 |
| Luika River Dam                          | 950     | 633    | 2,105  | -      | -      | -     | -     | -     | 3,688  |
| TSF2 Phase 1                             | 1,804   | 2,737  | -      | -      | -      | -     | -     | -     | 4,541  |
| TSF2 Phase 2                             | -       | -      | -      | 2,000  | -      | -     | -     | -     | 2,000  |
| Plant Uprate Phase 1                     | 367     | 367    | -      | -      | -      | -     | -     | -     | 735    |
| Plant Uprate 2 – Tailings<br>Retreatment | -       | 4,045  | -      | -      | -      | -     | -     | -     | 4,045  |
| Singida Pre-feasibility                  | 909     | 1,183  | -      | -      | -      | -     | -     | -     | 2,092  |
| Exploration - Nkuluwisi & NLGM           | 285     | 1,000  | -      | -      | -      | -     | -     | -     | 1,285  |
| Other                                    | 2,253   | 2,064  | 777    | 672    | 562    | -     | -     | -     | 6,327  |
| TOTAL CAPEX                              | 20,428  | 45,562 | 10,639 | 11,345 | 10,065 | 0     | 0     | 0     | 98,040 |



## **Underground Feasibility Study Highlights**

| Underground Feasibility Study Summary |                                  |  |  |  |
|---------------------------------------|----------------------------------|--|--|--|
| Underground reserve                   | 1.57Mt at 6.5 g/t for 329,000 oz |  |  |  |
| Projected mine life                   | Six years                        |  |  |  |
| NPV at 8%                             | US\$72 m                         |  |  |  |
| Project IRR (pre-tax)                 | 56%                              |  |  |  |
| Pre-production capital expenditure    | US\$38.4m                        |  |  |  |
| Total capital expenditure over        | US\$61.2m                        |  |  |  |
| project life                          |                                  |  |  |  |
| Payback period                        | Three years                      |  |  |  |
| Life of Mine Cash Cost                | US\$499 /oz                      |  |  |  |
| Life of Mine AISC                     | US\$640 /oz                      |  |  |  |

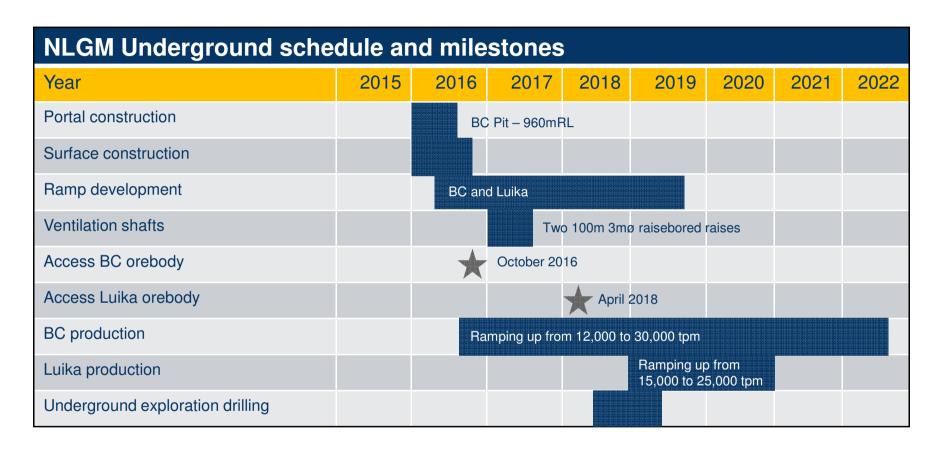
| Key assumptions          |                    |  |  |
|--------------------------|--------------------|--|--|
| Gold Price               | US\$1,200 /oz      |  |  |
| Processing Recovery      | 90%                |  |  |
| Mill throughput capacity | 600,000 tonnes pa  |  |  |
| Diesel price             | US\$0.91 per litre |  |  |
| HFO price                | US\$0.72 per litre |  |  |

| Capital expenditure summary                  |           |
|--|-----------|
| Surface and underground fixed infrastructure | US\$8.2m  |
| Mobile Equipment                             | US\$14.5m |
| Lateral and vertical development             | US\$8.2m  |
| Power plant upgrade                          | US\$7.5m  |
| Total pre-production capital expenditure     | US\$38.4m |

- The underground mining equipment includes a 5% contingency within an overall contingency for all capital purchased items of 8%
- Pre-production capital cost of US\$38.4 m including contingency. Finance being sought for underground mobile equipment and power plant with balance of funding to come from internal cash flow and Investec standby facility



## **Underground Feasibility Study timeline**





# **NPV Gold Price and Discount Rate Sensitivity**

| Gold price   | Discount rates |       |       |  |  |
|--------------|----------------|-------|-------|--|--|
|              | 5%             | 8%    | 10%   |  |  |
| US\$1,100/oz | 87.3           | 76.1  | 69.6  |  |  |
| US\$1,200/oz | 124.8          | 110.4 | 102.0 |  |  |
| US\$1,300/OZ | 162.4          | 144.8 | 134.5 |  |  |



### **Underground reserves**

- Underground reserves have increased by 31,000 oz from the October 2014 Reserve Statement
- Tonnes in BC broadly similar, but the results from drilling and the reallocation of surface reserves to underground have substantially improved the grade from 4.4 g/t to 7.1 g/t
- Cut-off grades were calculated to be 3.0 g/t and 3.5 g/t for BC and Luika respectively. The higher cut-off grade applies to Luika because the selected mining method has a higher cost per ton

|                            | September 2015        |                          |                             | September 2014                 |                       |                          |                             | Increment                      |                       |                          |                             |                                |
|----------------------------|-----------------------|--------------------------|-----------------------------|--------------------------------|-----------------------|--------------------------|-----------------------------|--------------------------------|-----------------------|--------------------------|-----------------------------|--------------------------------|
| Deposit and classification | Ore<br>tonnes<br>(kt) | Ore<br>grade<br>(g/t Au) | Contained<br>metal<br>(koz) | Recoverable<br>Ounces<br>(koz) | Ore<br>tonnes<br>(kt) | Ore<br>grade<br>(g/t Au) | Contained<br>metal<br>(koz) | Recoverable<br>Ounces<br>(koz) | Ore<br>tonnes<br>(kt) | Ore<br>grade<br>(g/t Au) | Contained<br>metal<br>(koz) | Recoverable<br>Ounces<br>(koz) |
| Bauhinia Creek             |                       |                          |                             |                                |                       |                          |                             |                                |                       |                          |                             |                                |
| Probable Reserve           | 1,099                 | 7.1                      | 251                         | 226                            | 1,175                 | 4.4                      | 166                         | 149                            | -76                   | 2.7                      | 85                          | 77                             |
| Luika                      |                       |                          |                             |                                |                       |                          |                             |                                |                       |                          |                             |                                |
| Probable Reserve           | 471                   | 5.1                      | 78                          | 70                             | 1,088                 | 3.7                      | 130                         | 117                            | -617                  | 1.4                      | -52                         | -47                            |
| Luika South                |                       |                          |                             |                                |                       |                          |                             |                                |                       |                          |                             |                                |
| Probable Reserve           |                       |                          |                             |                                | 21                    | 3.4                      | 2                           | 2                              | -21                   | -3.4                     | -2                          | -2                             |
| Total Ore Reserve          | 1,570                 | 6.5                      | 329                         | 296                            | 2,284                 | 4.1                      | 298                         | 268                            | -714                  | 1.4                      | 31                          | 28                             |

2015 Reserves calculated at US\$1,200 /oz. 2014 Reserves calculated at US\$1,300/oz





Open pit reserves unchanged since the last reserve Statement of April 2015, save for depletion to the end of August 2015, which is reflected below

| Deposit and classification    | Ore tonnes<br>(kt) | Ore grade (g/t Au) | Contained Ounces (koz) | Recoverable Ounces (koz) |
|-------------------------------|--------------------|--------------------|------------------------|--------------------------|
| Bauhinia Creek OP             |                    |                    |                        |                          |
| Probable Reserve              | 282                | 10.75              | 97                     | 88                       |
| Luika OP                      |                    |                    |                        |                          |
| Probable Reserve              | 271                | 3.52               | 31                     | 28                       |
| Ilunga OP                     |                    |                    |                        |                          |
| Probable Reserve              | 120                | 4.42               | 17                     | 15                       |
| Black Tree Hill OP            |                    |                    |                        |                          |
| Probable Reserve              | 145                | 1.95               | 9                      | 8                        |
| Elizabeth Hill OP             |                    |                    |                        |                          |
| Probable Reserve              | 70                 | 2.30               | 5                      | 5                        |
| Jamhuri OP                    |                    |                    |                        |                          |
| Probable Reserve              | 121                | 2.45               | 10                     | 9                        |
| Shamba OP                     |                    |                    |                        |                          |
| Probable Reserve              | 76                 | 3.37               | 8                      | 7                        |
|                               |                    |                    |                        |                          |
| Total Ore Reserve - Open Pits | 1,085              | 5.08               | 177                    | 159                      |



