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#### **About Shanta Gold**

- East Africa-focused gold producer, developer and explorer with 1,500 km<sup>2</sup> of prospective ground in Tanzania
- New Luika Gold Mine
  - New Luika produced 82,000 oz in 2015.
    Guidance of 82-87,000 oz for 2016
    - underground mining operation
    - ongoing surface mining
    - separate tailings recovery project
  - Updated Mine Plan due in Q1 2017 expected to extend mine life
  - Excellent exploration upside within and surrounding the licence areas
- Singida
  - Pilot-scale production to commence in 2017
  - Ongoing exploration and updated feasibility study
  - Potential surface and underground operation







## Shanta – building a track record of delivery

# Low cost Tanzanian producer with significant growth potential across two assets

#### Stable gold production

 Guidance – existing NLGM mine plan (2016–2020)<sup>1</sup> production averaging 84,000 oz per year and average AISC of \$695/oz

#### Low cost gold producer

 2016 annual gold production guidance of 82-87,000 oz at a lowered AISC of US\$690-740 /oz

#### Strong cash flow

Revenue of US\$55.7 million in H1 2016 with EBITDA of US\$33.3 million

#### Manageable debt repayment profile

Cash of US\$25.8 million<sup>2</sup> at Q3 2016 with Net Debt of US\$38.4 million. Debt scheduled to be rapidly repaid from existing cash flow

#### **Quality asset base**

#### 1. New Luika Gold Mine

- High grade resource base (3.9g/t gold average grade)
- Blending opportunities with lower grade deposits provides optionality
- Ongoing resources conversion to reserves

#### 2. Singida

- Exploration to target increased resources underway
- Pilot plant first gold pour targeted in Q2 2017

Shareholder	Shares	%
Odey AM	107,873,112	19
Majedie AM	57,734,450	10
Ketan Patel	43,005,484	7
Brooks Macdonald	35,524,439	6
JP Morgan Securities	28,331,751	5
Hargreaves Lansdown AM	25,302,747	4
River & Mercantile	23,000,000	4
Hargreave Hale	21,319,970	4
Jonathan Leslie	17,444,088	3
Sub-total	359,536,041	62
Other	223,396,160	38
Total shares outstanding	582,932,201	100

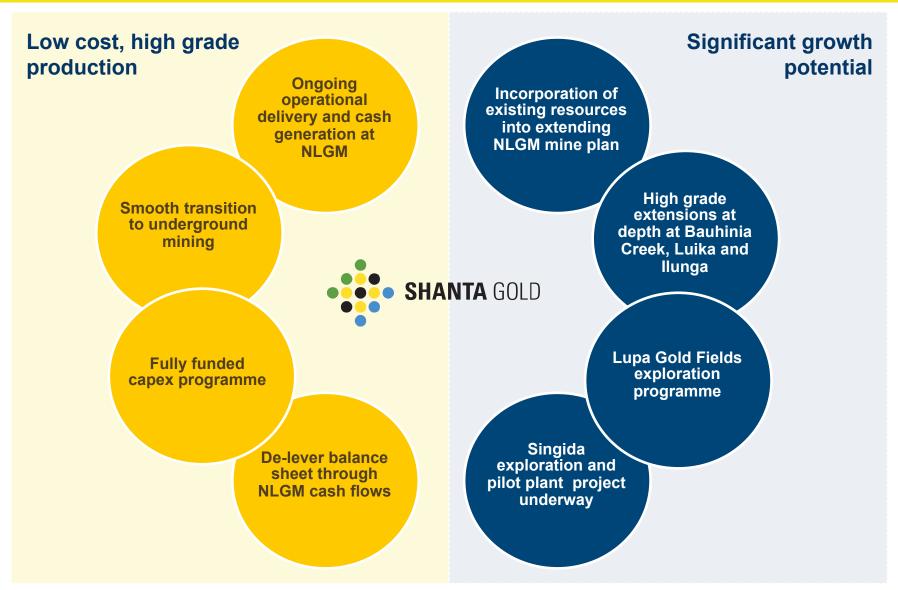
Financial Position (28 October 2016 )					
Current Price (pence) <sup>1</sup>		12.38			
52 week range (pence) 1		4.5 – 12.75			
Shares Outstanding		583 million			
Market Cap <sup>1</sup> (GBP)		72 million			
Q3 2016 Cash (US\$) <sup>2</sup>		25.8 million			
Q3 2016 Gross Debt (US\$) 3		70.5 million			

- 1 As at 28 October 2016
- 2 After advance payments of US\$6.3m from cash reserves
- 3 Includes US\$9.1 million Bank M letter of credit





# **Shanta strategy – generating shareholder value**













# Q3 2016 highlights

- Gold production of 20,580 oz
- Gold sales of 23,426 oz at an average price of US \$1,301per oz ("/oz")
- Cash Cost of US\$387 /oz
- AISC of US\$621/oz
- No lost time injuries
- Underground project development on track
- First underground ore production in Q2 2017
- Work continues on the second Tailings Storage Facility ("TSF2")
- Ilunga resource expanded by additional 184,000 high grade oz (165,000oz Indicated)

#### **Quarterly gold production (oz)**



#### **Quarterly AISC (US\$/oz)**







# **Financial highlights**

- Q3 2016 cash generated from operations of US \$11.1m
- Q3 2016 capital expenditure of US\$14.2m
- Cash balance of US\$25.8m (excluding US\$6.34 million pre-payments from cash reserves)
- Silver Stream funds (US\$5.25 m) not yet received
- Power Station Funding (US\$9.1m) yet to be drawn down
- Gross debt coming down with rapid repayment schedule
- 20,000 oz sold forward to March 2017 at \$1,275/oz
- Half year EBITDA \$33.3m on \$55.7m revenue

All figures US\$m	Q3'16	Q2'16	Q1'16	Q4'15
Cash generated from operations	11.1	13.1	2.8	17.3
Capital expenditure	14.2	7.0	5.6	6.2
Gross Debt	70.5	75.0	74.7	60.2
Cash balance	25.8	30.5	16.3	19.1
Net debt	38.4	44.5	58.4	41.1

Q3 2016 cash balance is after US\$6.3m advance payments made from cash reserves





# **New Luika Underground Schedule and Milestones**



Year	2016	2017	2018	2019	2020	2021	2022
Portal construction	Baı	uhinia Creel	k Pit – 960	mRL			
Surface construction							
Ramp development	BC ar	id Luika					
Ventilation shafts		Tw	o 100m 3n	nø raise bor	ed shafts		
Access Bauhinia Creek orebody	*	December	2016				
Access Luika orebody			Ap	ril 2018			
Bauhinia Creek production	R	amping up f	from 12 - 3	0,000 tpm			
Luika production				Ramping 15 - 25,0			
Underground exploration drilling							



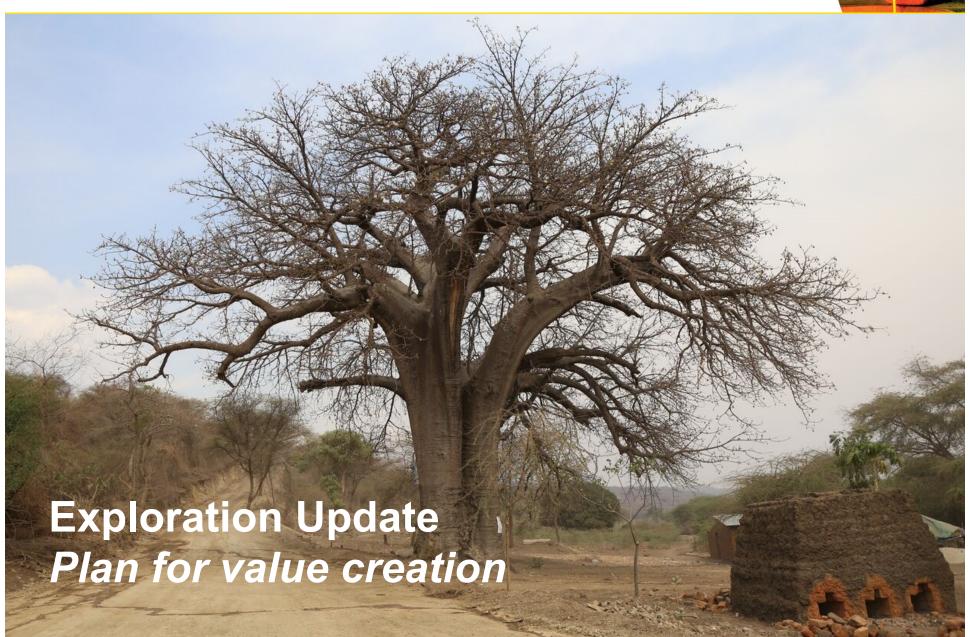


# **Other Major Projects Schedule and Milestones**

Year	2016	2017	2018	2019	2020	2021	2022
Tailings Storage Facility Number 2							
Tailings Retreatment Plant							
Singida Pilot Plant							
On-going exploration for Reserve Replenishment and Growth							
Singida Feasibility Study							
New Luika Power Project (7.5MW)							
New Luika Solar Power Project (0.75MW - rental)							
Updated New Luika Gold Mine Plan							

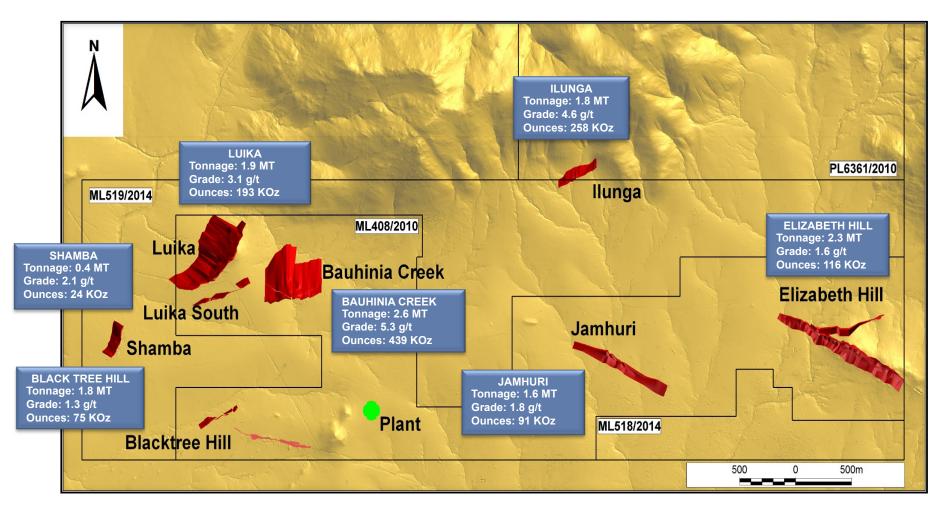






## **Deposits at NLGM**





#### Note:

- 1. Data as July 2015 using 1.0g/t cut-off grade. Resources shown reflect total resources including reserves
- 2. Elizabeth Hill as of Jan 2016. Black Tree Hill as of Apr 2016. Ilunga as at September 2016





# **NLGM** exploration plan – successful and proven

- Growth around a Central Processing Facility
- Exploration activities likely to have material impact on NLGM mine life and provide significant optionality

#### Resource to Reserve conversion

- In-fill drilling of under-explored resources, combined with engineering studies to add mining reserves
- Targeted areas already delivered include: Bauhinia Creek and Luika underground
- Ilunga underground (following recent drilling), Elizabeth Hill open pit



#### Resource additions and upgrades

- Resource expansion of mineralised ore bodies open at depth or along strike
- Step out drilling to define mineralised envelope, adding new resources or closing off ore bodies
- Incremental upgrade of resources from Inferred category to Indicated status
- Bauhinia Creek, Luika, Elizabeth Hill, Jamhuri, Ilunga, Shamba, Askari

#### New target generation

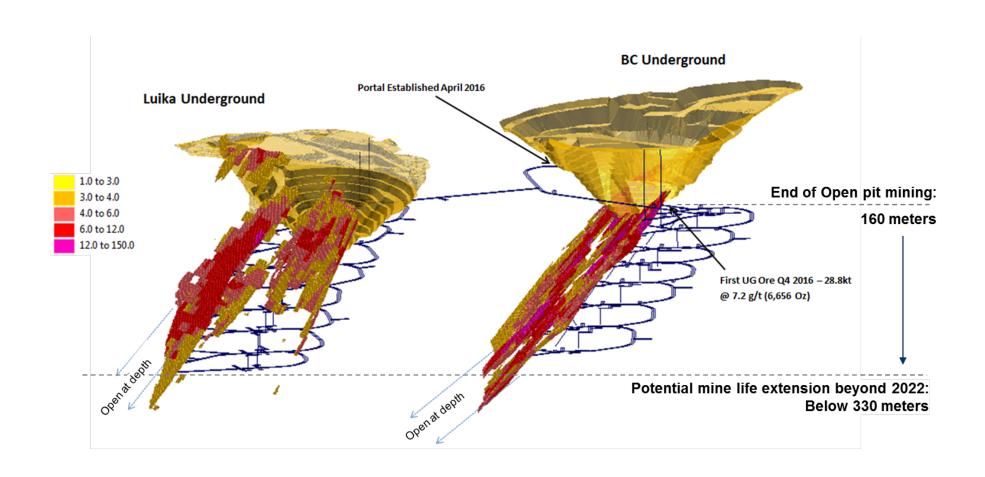
- Continual improvement of regional dataset (geophysics, rock chip geochemistry, topographic control, satellite imagery and radiometrics)
- Continued improvement of exploration capability as team expertise grows
- · New targets generated, tested







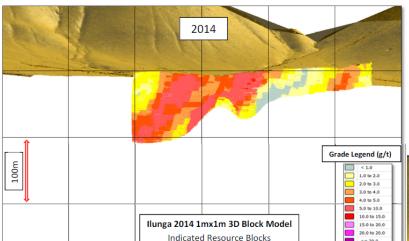
# **Bauhinia Creek and Luika extensions at depth**





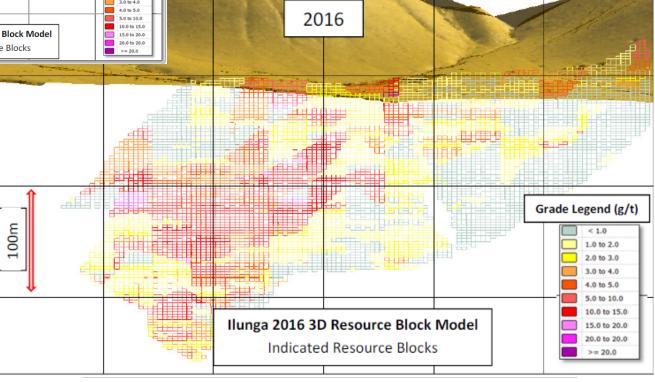


# **Ilunga longitudinal sections looking North**



- · 2.5 km northeast of the NLGM central processing facility
- Inside the mining licence with haul road access in place
- Total llunga resources upgraded from 73,940 oz at 3.51 g/t to 257,965 oz at 4.55 g/t

2014 Resource Model (Indicated Category) vs 2016 Resource Model (Indicated Category)







# **Key achievements**

A systematic and continuing programme of exploration

**Sept 2015** 

■ Base Case Mine Plan announced including 506k oz of reserves at 5.9 g/t

**Sept 2015** 

Elizabeth Hill resource upgrade to 128k oz

Jan 2016

Elizabeth Hill reserve upgrade to 667k oz at 1.33 g/t for 28k oz

Feb 2016

■ RC & DD drilling programme completed at Askari

**Apr 2016** 

Drilling programmes completed at Ilunga and Black Tree Hill

**Jul 2016** 

Second phase drilling programme completed at Ilunga to confirm strike and depth extensions

**Sept 2016** 

• Ilunga resource upgrade to 258koz



- Continued exploration work and incorporation of resources into the NLGM mine plan
- Last 12 months 252koz additional resources declared inside the existing mining licence
- 514koz not included in the base case mine plan









## Singida

- 2009 Resources
  - 432,000oz of Measured at a grade of 4.1g/t Au, 118,000oz of Indicated Resources at 2.0g/t Au 309,000oz of Inferred Resources at 2.3g/t Au
- Mining licence issued in 2012
- Project underway to develop Pilot Mining Project
  - Low risk, low capital (US\$4m) funded from cash flow
- Gravity separation from 10tph feed
- Two year plus operation with <2 year payback</li>
- In-fill exploration work to enhance knowledge of deposits and potentially increase scale
  - October 2016 39 holes, for 4,204m
  - Gold Tree 2 and Gold 3 drilling results
- Feasibility study for open pit/ underground mine to be conducted over next two years.

# Highlights from drilling results announced 3<sup>rd</sup> October 2016

1m @ 7.72g/t from 68m-69m in SC653

3m @ 9.94g/t from 59m-62m in SC657

1m @ 12.45g/t from 65m-66m in SC662

6m @ 3.81g/t from 52m-58m in SC665

3m @ 5.66g/t from 105m-108m in SC668

5m @ 6.91g/t from 69m-74m in SC676

3m @ 4.44g/t from 100m-103m in SC677

12m @ 9.24g/t from 130m-142m in SC679









## **Summary**

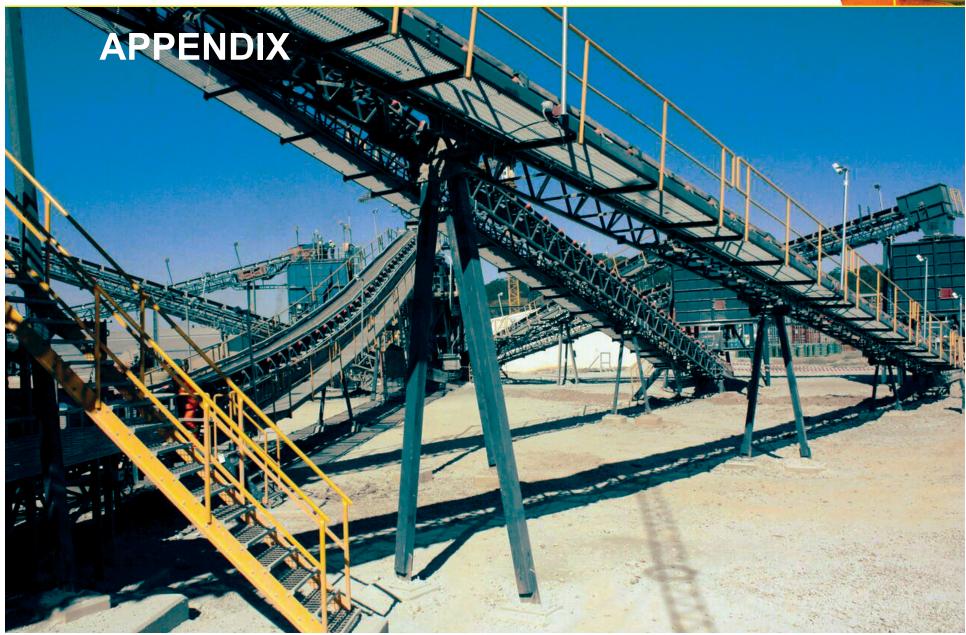
- Stable gold production
  - Base case mine plan (2016–2020) production averaging 84,000 oz per year
- Low cost gold producer
  - Base case mine plan AISC of US\$695 /oz
- Strong cash flow
  - Revenue of US\$55.7 million in H1 2016 with EBITDA of US\$33.3 million
- Comfortable debt repayment profile
  - Cash of US\$25.8 million at Q3 2016 with Net Debt of US\$38.4 million. Debt scheduled to be rapidly repaid from existing cash flow
- Fully funded capital programme
- Quality asset base
- · New Luika Gold Mine
- Singida
- Growing production profile
- Extending mine life Updated Mine Plan in Q1 2017
- On-going Exploration in highly prospective ground in Lupa Goldfield and Singida
- Optionality from surplus cash

















# **JORC Compliant Comparative Ilunga Resource Summary**

2014 vs 2016 (at a cut-off grade of 1g/t Au)

	2014				2016			2014-2016 % increase			
	Tonnes	Au (g/ t)	Au (oz)	Tonnes	Au (g/t)	Au (oz)	Tonnes	Au (g/t)	Au (oz)		
Indicated	311,355	4.03	40,352	1,356,054	4.71	205,347	336%	17%	409%		
Inferred	343,427	3.04	33,588	405,829	4.03	52,608	18%	33%	57%		
TOTAL	654,782	3.51	73,940	1,761,883	4.55	257,965	169%	30%	249%		





# **Ilunga Resource - JORC Compliant Comparative**

	20	14		2016			2016 vs 2014 Resource Compariso					
	INDICAT	ED_2014		INDICATED_2016					NDICATED	% Increase	е	
Cut-Off				Cut-Off					Cut-Off			
Grade		Au Grade	Au	Grade (g/		Au Grade	Au		Grade (g/		Au Grade	Au
(g/t)	Tonnes	(g/t)	Ounces	t)	Tonnes	(g/t)	Ounces		t)	Tonnes	(g/t)	Ounces
					1,834,52							
0	326,712	3.88	40,759	0	1	3.60	212,568		0	462%	-7%	422%
					1,356,05							
1	311,355	4.03	40,352	1	4		,		1	336%	17%	409%
2	253,114	4.62	37,524	2	997,992	5.87	188,346		2	294%	27%	402%
3	204,737	5.12	33,653	3	769,417	6.87	169,970		3	276%		405%
4	154,233	5.64	27,948	4	610,586	7.75	152,099		4	296%	37%	444%
5	102,324	6.18	20,383	5	491,364	8.55	135,086		5	380%	38%	563%
	INFERR	ED 2014			INFERR	ED_2016				INFERRED	% Increase	
Cut-Off				Cut-Off					Cut-Off			
Grade		Au Grade		Grade (g/		Au Grade			Grade (g/		Au Grade	
(g/t)		(g/t)		t)		(g/t)			t)		(g/t)	
0	357,800	2.95		0	638,878	2.97			0	79%	1%	
1	343,427	3.04	33,588	1	405,829	4.03	52,608		1	18%		
2	230,079	3.81	28,182	2	312,662	4.83	48,533		2	36%	27%	72%
3	167,867	4.34	23,360	3	235,549	5.57	42,144		3	40%	28%	80%
4	90,898	5.07	14,702	4	185,939	6.13	36,664		4	105%	21%	149%
5	29,178	6.38	5,853	5	100,668	7.54	24,416		5	245%	18%	317%
	TOTAL	2014			TOTAL	2016				TOTAL 9	6 Change	
Cut-Off				Cut-Off					Cut-Off			
Grade		Au Grade		Grade (g/		Au Grade			Grade (g/		Au Grade	
(g/t)	Tonnes	(g/t)	Ounces	t)		(g/t)	Ounces		t)	Tonnes	(g/t)	Ounces
					2,473,39							
0	684,513	3.40	74,721	0	9	3.45	274,509		0	261%	1%	267%
	0=1=00				1,761,88					1000/	2001	0.400/
1	654,782	3.51	73,940	1	3	4.55	257,965		1	169%	30%	249%
	400 400	4.00	05.700	0	1,310,65	F 00	000 004		0	4740/	000/	0000/
2	483,193	4.23	65,706	2	1 004 06	5.02	236,861		2	171%	33%	260%
3	372,604	4.76	57,012	3	1,004,96 7	6.57	212,118		3	170%	38%	272%
4	245,131	5.41	42,650	4	796,525	7.37			4	225%	36%	343%
5	131,502	6.21		5	592,032	8.38			5	350%	35%	508%
Octobor			20,200	Ū	302,002	0.50	100,007		Ū	00070	0070	00070

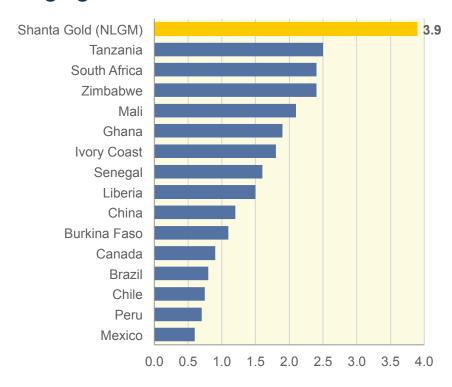
2014 vs 2016 (cut off grades 0 – 5 g/t Au





## High quality asset – grade is king

### **High grade resource**



Total resource grade of gold deposits, by country (g/t)

Source: BMO Capital Markets Research, Metal Economics Group

#### Shanta Gold - New Luika resources

		Gold	d Oz (000s)
Deposit	Grade (g/t)	Resource <sup>1</sup>	Reserve <sup>2</sup>
Bauhinia Creek	5.3	439	348
Luika	3.1	193	108
Elizabeth Hill <sup>3</sup>	1.6	116	28
Jamhuri	1.8	91	8
Black Tree Hill <sup>3</sup>	1.3	75	5
Ilunga <sup>4</sup>	4.6	258	15
Shamba	2.1	24	9
Total NLGM	3.9	1,196	521

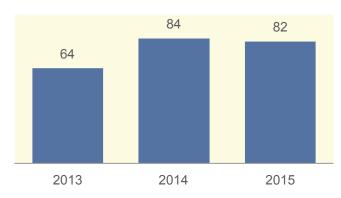
#### Note

- As of July 2015, subject to increases at Elizabeth Hill and BTH outlined below, resources is inclusive of reserves
- Base Case Mine Plan of 506koz plus incremental 23koz from Elizabeth Hill reserve upgrade less 5koz reduction at BTH. Split 37% OP and 63% UG (using a 3.0 g/t cutoff at BC and 3.5 g/t cut-off at Luika)
- Elizabeth Hill as of Jan 2016. BTH as of Apr 2016
- 4. Ilunga resources as at 7 Sep 2016 Reserve (open pit), as at July 2015



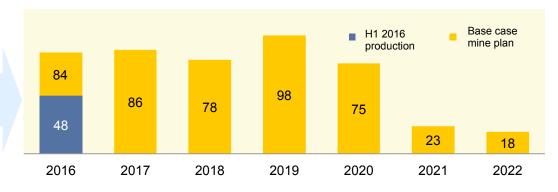
# New Luika gold mine continues to deliver

### **Actual production (koz)**



- Production from Bauhinia Creek and Luika pits at the New Luika Gold Mine
- Average Run of Mine head grade 5.18 g/t in 2014 and 4.73 g/t in 2015

### Guidance (koz)<sup>1</sup>



- Published in September 2015, includes surface mining, underground mining operation and tailings retreatment
- Open pit and underground reserves of 506koz at 5.9 g/t as at Q3 2015
- Post-tax NPV of \$110 million (8% discount rate, \$1,200/oz gold price)
- Ongoing exploration to extend mine life beyond 2020
- Mining Plan update to include Ilunga and Elizabeth Hill Reserves
- 2016 guidance of 82-87koz
- H1 2016 production of 48koz

#### Note

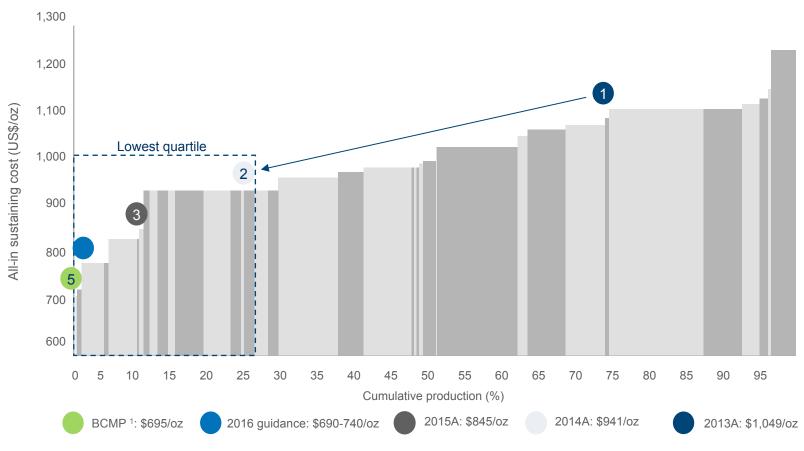
1 Includes cumulative 14koz from tailings retreatment through to 2020, excludes January 2016 reserve upgrade at Elizabeth Hill and September 2016 Resource upgrade at Ilunga





# Low cost producer

## Lowest quartile cost position



Source: Bloomberg, company reports

Shanta Gold 2013-15 actual AISC (2015 unaudited)

Note:

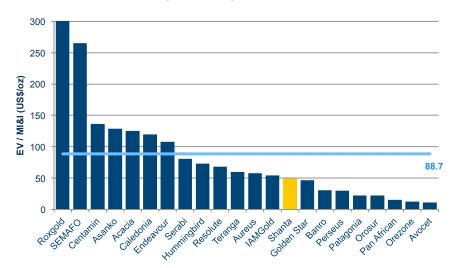
<sup>1.</sup> Average AISC over the Base Case Mine Plan (2016-22)



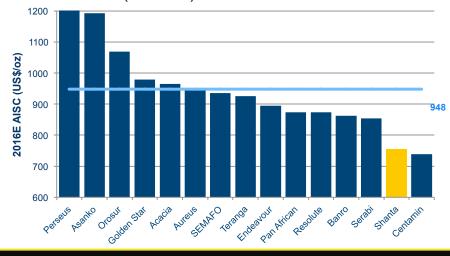


### **Relative valuation metrics**

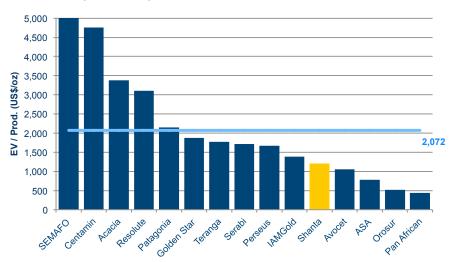
#### EV/MI&I Resource (US\$/oz)



### 2016E AISC (US\$/oz)1



#### EV/Prod. (US\$/oz)



Source: Bloomberg, company reports

#### Note:

 Company public guidance (using the mid point of guidance range), Broker consensus estimates





# **Shanta Gold share price**

# Share price trading history (SHG.L)







# Risk reduction through focus on broad Business Sustainability

- Shanta Gold's commitment of 0.5% of revenue per year deployed in local community programs designed to reduce dependency on and risk for the Company
- Shanta Gold's employee base is 95% Tanzanian
- Active skills development with graduate and apprenticeship programs

#### **Employment**

- NLGM has grown to be a major source of new employment
- Over 40% of workforce from NLGM currently employed from local communities

### **Education**

- Construction of 6 classrooms and 8 offices at Mbangala
- Ancillary equipment provided
- Laboratory constructed at Saza Secondary School

#### Health

- Provision of the site ambulance to transport patients from Mbangala to hospital in Mwakajuni
- Bore hole drilling for water supply
- Dispensaries at Maleza and Mbangala

### **Community**

- Local regular engagement
- Education and managing expectations
- Work to attract alternative economic development





# Tanzania: an attractive operating environment

· Africa's 4th largest gold producer, after South Africa, Ghana and Mali

#### Tanzania mining regime

- · Two key goldfields: Lake Victoria and Lupa
- Sophisticated infrastructure network
- Stable political environment, pro-mining, position resources as key economic growth driver, workable tax and regulatory regime
- 100% capital allowances
- Favourable corporate tax rate—30%
- Dividend tax—10%
- Royalty—4%

Selected gold companies in Tanzania				
Company:	Gold production:			
Acacia Mining	732koz pa (2015)—3 mines in Northern Tanzania			
AngloGold Ashanti	477koz pa (2014)—Geita mine			
Shanta Gold	82koz pa (2015)—New Luika Gold Mine			

Source: Company reports, Tanzania Chamber of Mines

Snapshot					
Population	52 million (2014)				
Capital City	Dodoma (Dar es Salaam is the de facto commercial capital)				
Religion	Christian/Muslim				
Economy					
GDP 2014	\$48 billion				
Primary Industries	Agriculture, tourism, mining				
2014 GDP Growth	7.0%				
Political					
System	Parliamentary republic (democratic)				
Elections	Every 5 years (most recently in October 2015)				

Source: World Bank, various



