



# ADVANCING THE LARGEST PRIMARY GOLD DEPOSIT IN ECUADOR

TSX.V: LUM OTCQX: LMGDF

### FORWARD LOOKING STATEMENT



Forward-looking statements relate to future events or the anticipated performance of the Company and reflect management's expectations or beliefs regarding such future events and anticipated performance. In certain cases, forward-looking statements can be identified by the use of words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "believes", or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved", or the negative of these words or comparable terminology. By their very nature forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual performance of the Company to be materially different from any anticipated performance expressed or implied by the forward-looking statements.

Important factors that could cause actual results to differ from these forward-looking statements include risks related to failure to define mineral resources, converting estimated mineral resources to reserves, the grade and recovery of ore which is mined varying from estimates, future prices of gold and other commodities, capital and operating costs varying significantly from estimates, political risks arising from operating in Ecuador, uncertainties relating to the availability and costs and availability of financing needed in the future, changes in equity markets, inflation, changes in exchange rates, fluctuations in commodity prices, delays in the development of projects, conclusions of economic evaluations, changes in project parameters as plans continue to be refined, uninsured risks and other risks involved in the mineral exploration and development industry.

Although the Company has attempted to identify important factors that could cause actual performance to differ materially from that described in forward-looking statements, there may be other factors that cause its performance not to be as anticipated. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. These forward-looking statements are made as of the date of this presentation and the Company does not intend, and does not assume any obligation, to update these forward-looking statements.

#### † Qualified Persons ("QP") as defined by National Instrument 43-101 (NI 43-101)

Rob Sim, P.Geo., is the QP responsible for the Cangrejos mineral resource. Mineral resource figures referenced throughout this presentation can be found in the June 9, 2020 news release and in the NI 43-101 technical report detailing the mineral resource estimate for the Cangrejos Project filed on SEDAR (www.sedar.com) and Lumina's website (www.luminagold.com).

Leo Hathaway, P.Geo., and Senior Vice President for Lumina Gold Corp, is a QP and has verified the data disclosed in this presentation, including sampling, analytical, and test data underlying the information disclosure.

#### **Cautionary Note Regarding Preliminary Economic Studies and Mineral Resources**

A preliminary economic assessment is preliminary in nature, includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the preliminary economic assessment will be realized. Mineral resources are not mineral reserves and do not have demonstrated economic viability.



### **CANGREJOS HIGHLIGHTS**



### Cangrejos

A Top 15
Global Gold
Development
Project

### Largest Primary Gold Deposit in Ecuador

- Indicated 10.4 million ounces of gold and 1.4 billion pounds of copper
- Inferred 6.7 million ounces of gold and 0.8 billion pounds of copper
- 2020 PEA Summary
  - Large Production 366 koz of gold per year
  - Long Life 25-year mine life
  - Low Cost \$604/oz AISC net of copper
  - US\$2.5 billion NPV<sub>5%</sub> at US\$1,680/oz <sup>(1)</sup>
    - US\$1.6 billion NPV<sub>5%</sub> at US\$1,400/oz <sup>(2)</sup>
- Emerging mining jurisdiction with excellent project specific infrastructure
- Completed drilling 36,000m for the PFS study expected in early Q2 2023

(1) 2020 PEA with 20% higher commodity prices. (2) 2020 PEA base case.

The PEA is preliminary in nature, that it includes inferred mineral resources that are considered too speculative geologically to have the economic consideration applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the preliminary economic assessment will be realized.



### **CORPORATE OVERVIEW**



#### **SNAPSHOT**

TSX Venture Exchange / OTCQX	LUM / LMGDF						
Issued & Outstanding [Feb 2023]	376.4 Million						
Fully Diluted w/ Options & Warrants [Feb 2023]	411.0 Million						
<b>Market Cap</b> [Feb 15, 2023, C\$0.39 per share]	C\$134 Million						
Cash – Currently operating off a C\$15M Ross Beaty credit line, which is convertible at C\$0.42 per share							
52-Week Trading Range	C\$0.23 – C\$0.66						

### **KEY SHAREHOLDERS**

<b>Ross Beaty</b> Founder of Pan American Silver, Equinox Gold, Alterra Power and the Lumina Group of companies.	20.2%
Ecuadorian Entrepreneurial Group	18.4%
Management and Board	9.0%
Route One Diversified investment fund out of San Francisco, California	6.8%
Sub Total	54.1%

#### 1 YEAR CLOSING PRICE CHART



#### **RESEARCH COVERAGE**





### **ECUADOR MINING SNAPSHOT**



#### **MAJOR MINES AND PROJECT STATUS**



Fruta del Norte (Au/Ag)

**PRODUCING** 

Mirador (Cu/Au)



Curipamba (Au/Cu/Ag/Zn/Pb)

READY TO CONSTRUCT

La Plata (Au/Cu/Ag/Zn)

Loma Larga (Au/Ag/Cu)



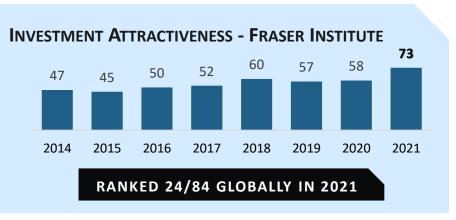
Cascabel (Cu/Au) – PFS Complete

FEAS. / PFS / PEA STAGE

Cangrejos (Au/Cu) – PFS 2023

Condor (Au/Ag) – PEA Complete





SINCE REOPENING TO MINING IN 2014, ECUADOR HAS MADE GREAT PROGRESS ACROSS THREE ELECTED GOVERNMENTS; THE CURRENT LASSO GOVERNMENT IS COMMITTED TO RESPONSIBLE MINING



### CANGREJOS OVERVIEW & HISTORY



#### **Drilling and Work History**

- Drilling by three teams:
  - 1999 2000: ~7,200 m of drilling (Newmont through a JV)
  - 2011 2012: ~4,700 m of drilling (Odin Mining, Lumina's predecessor company)
  - 2014 2022: ~85,000 m of drilling (Current Management)
- Metallurgical work completed by Lumina and Newmont
- PEA completed in June 2018 and updated to include Gran Bestia and other engineering work in 2020

#### **Project Location**





### **Power**

Grid power to camp and ample, inexpensive hydro power for mining

#### **Port**



40km from Puerto Bolivar and 30km from Machala

#### Road

8km from



Proximity to a paved highway: Cangrejos camp and core facility

#### Water



Ample water for the planned 80ktpd operation

#### **Elevation**



Low elevation: ~1,350m above sea level

### **Community**

Closest community is 7km by road, supportive of Lumina's activity



### THE MOST COMMON CANGREJOS QUESTIONS



Does it Have Scale?

37<sup>th</sup> Largest
Primary Gold Asset
in the World by Resource

12<sup>th</sup> Largest Undeveloped Primary Gold Deposit by Gold Production Capacity

What About the Grade?

Cangrejos

M&I: 0.73 g/t Au Eq
or 0.50% Cu Eq (1)

**Recently Built Large Mill Projects with "Low" Grades:** 

- Cobre de Panama (M&I: 0.43% Cu Eq)
- Mount Milligan (M&I: 0.39% Cu Eq)
- Red Chris (M&I: 0.55% Cu Eq)

What About the Capex?

Cangrejos US\$1.0 Billion

**Recently Constructed Projects in Ecuador:** 

- Fruta del Norte ~US\$700 Million Completed 2019
- Mirador >US\$1 Billion Completed 2019

How Advanced is the Project?

- A PFS study is expected in Q2 2023
- A PFS will allow for an Investment Protection Agreement to be negotiated and construction permitting to commence

(1) Note: Au Eq and Cu Eq are based on the following grades: Au (g/t) of 0.57, Cu% of 0.11, Ag (g/t) of 0.7 and Mo (ppm) of 21.1 and calculated as: AuEq = Au  $g/t + (Ag g/t \times 0.012) + (Cu \% \times 1.37) + (Mo ppm / <math>10,000 \times 3.2)$ , and Cu Eq = Cu% +  $(Au g/t \times 0.729) + (Ag g/t \times 0.009) + (Mo\% \times 0.43)$ , utilizing metal prices of US\$1,500 per ounce for gold, US\$3.00 per pound for copper, US\$7.00 per pound for molybdenum and US\$18.00 per ounce for silver. No allowances have been made for recovery losses that may occur should mining eventually result.



### **BOTH DEPOSITS REMAINS OPEN**

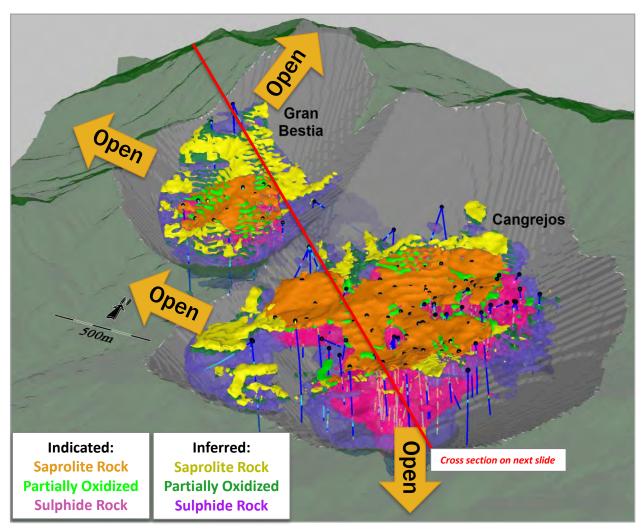


### Cangrejos deposit

 Remains open to expansion with further exploration to the west and at depth

### Gran Bestia deposit

- Remains open to the north, west and at depth
- Lumina has been successful with current step-out drilling at NW Gran Bestia and SW and East Cangrejos

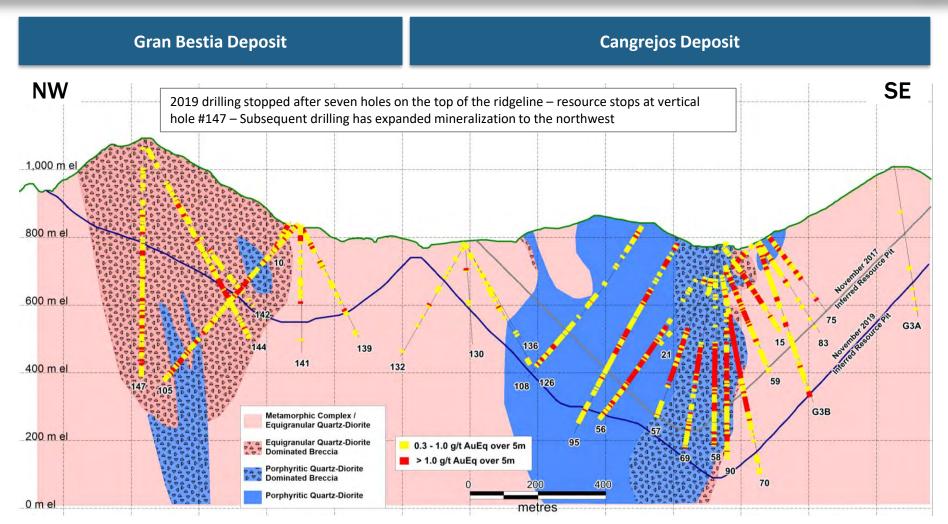


Pit shell pricing: \$1,500 per ounce gold, \$3.00 per pound copper, \$7.00 per pound molybdenum and \$18.00 per ounce silver.



### CANGREJOS & GRAN BESTIA PEA CROSS SECTION





Note: See footnote 1 on Slide 6 for metal equivalent calculations. Displayed holes are collared within a 50 metre window.

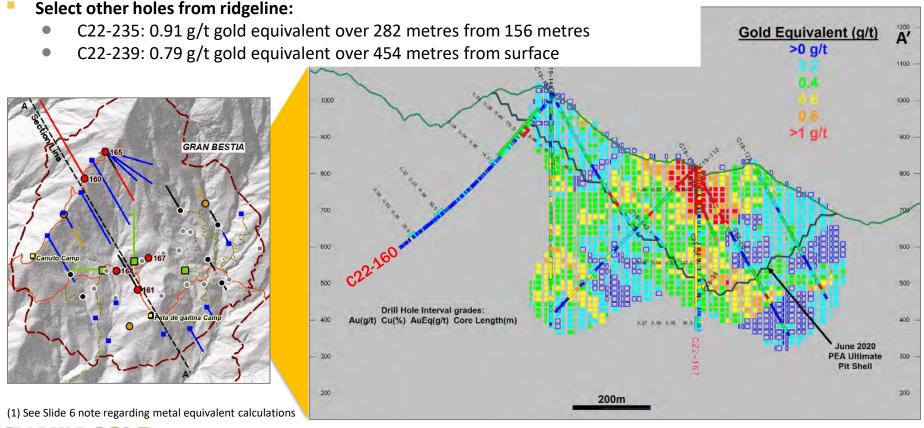
The 2019 resource update revealed an extremely large-scale project with two adjacent pits



### **2022 GRAN BESTIA STEP-OUT DRILLING**



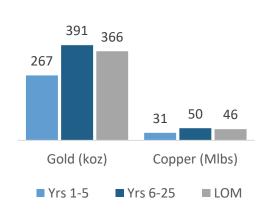
- Hole C22-160 First hole back from the step-out
  - Extended mineralization laterally outside the PEA ultimate pit to the northwest by approximately 180 metres
  - Including 0.49 g/t gold equivalent (1) over 170 metres; open laterally and to depth
- Lumina has completed an extra ~4,000 metres of step-out at Gran Bestia
  - Expect that the drilling will add to the existing resource and potentially reduce the strip ratio of the pit



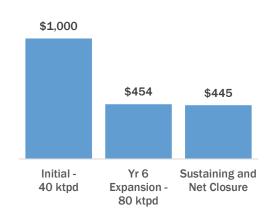
### **2020 PEA SUMMARY**



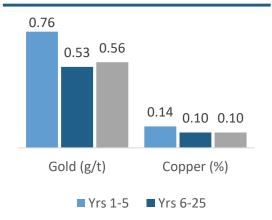




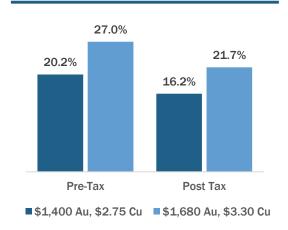
#### LOM Capital (US\$M)



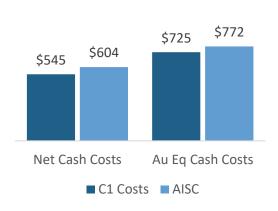
#### **Processed Grades**



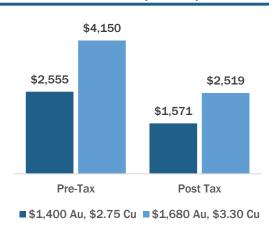
#### **Internal Rate of Return (%)**



#### Cash Costs (US\$/oz)



#### **Net Present Value (US\$M)**



Cangrejos is a large-scale robust project that is expected to have at least a 25-year mine life

Note: By-products and equivalents calculated using \$1,400 per ounce gold, \$2.75 per pound copper, \$9.00 per pound molybdenum and \$16.00 per ounce silver.



### **2020 PEA METALLURGY AND RECOVERIES**



- The selected processing scheme is secondary crushing, HPGR and ball mills, copper and molybdenum concentration circuits, CIL treatment and thickening and filtering of the combined CIL and flotation tailings
  - A whole ore cyanidation process was not selected even though gold recoveries were higher (92%)
  - The process was used so that copper is also recovered, yielding a higher overall recovered value
- Saprolite and saprock materials have now been included in the mine plan post the addition of a carbon-in-leach circuit
- Metallurgical testing was performed by:
  - C.H. Plenge & CIA. S.A. (Plenge) of Lima, Peru from 2015 to 2020 & Newmont Metallurgical Services during 1999

Total Recoveries											
Processed Material Type	% of Processed Material	Gold	Copper	Silver	Molybdenum						
Saprolite & Saprock	2.2%	75%	-	65%	-						
Partially Oxidized	3.4%	80%	50%	60%	50%						
Fresh Rock	94.4%	82%	86%	70%	50%						
Total Recovery	100.0%	82%	84%	69%	50%						
Recovered Metal Distribution By P	roduct Typo										

Recovered Metal Distribution By Product Type				
Product	Gold	Copper	Silver	Molybdenum
Doré	12%	-	14%	-
Copper Concentrate	70%	84%	56%	-
Molybdenum Concentrate	-	-	-	50%
Total Recovery	82%	84%	69%	50%



### 2023 PFS Progress – On Track For Early Q2 2023



### The following PFS work streams have been completed:

- Mineral resource estimation at the Cangrejos and Gran Bestia deposits
- Revised mine plan incorporating only indicated mineral resources for the purpose of potential conversion to mineral reserves
- Process flowsheet design
- Quotes for major mechanical and electrical equipment
- Dry stack tailings design
- Facility siting studies
- Power supply study
- Port materials handling study
- Metallurgical work progress: 84% gold recoveries on the Master Composite versus a recovery of 82% in the 2020 PEA
  - Simplified flowsheet with the elimination of saprolite / sap-rock material and the elimination of the molybdenum concentrate circuit



### **ILLUSTRATIVE PROJECT TIMELINE**



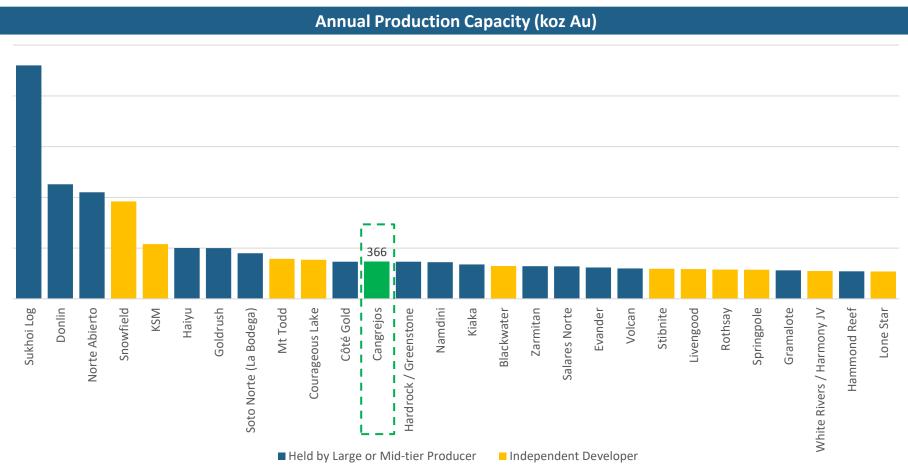




### Unique Project Scale On the Global Stage



- Only 28 active primary gold development projects that can produce >250koz of gold
- Cangrejos is the 5th largest primary gold development project controlled by an independent co.



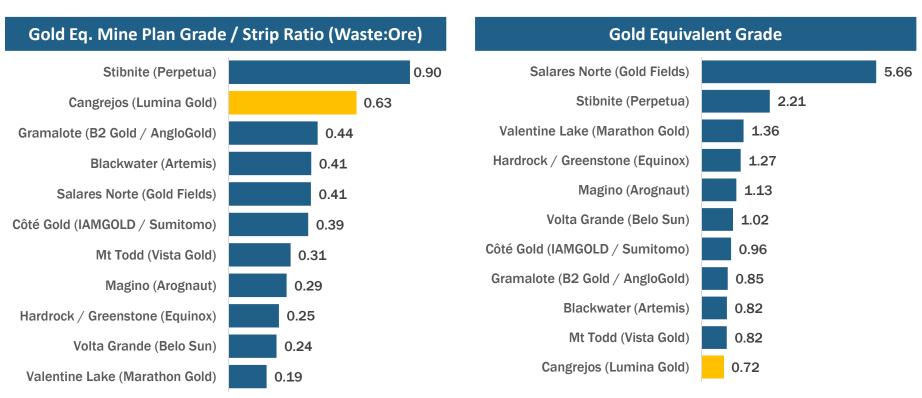




### MINE PLAN GRADE AND STRIP RATIO ANALYSIS



- Mining economics are driven by the amount of material you need to move and process to get a certain amount of metal
- Projects that have to move more material per oz will be more sensitive to operating cost inflation
- Cangrejos has the 2<sup>nd</sup> best mine plan grade to strip ratio across its development peers, despite having the lowest gold equivalent grade

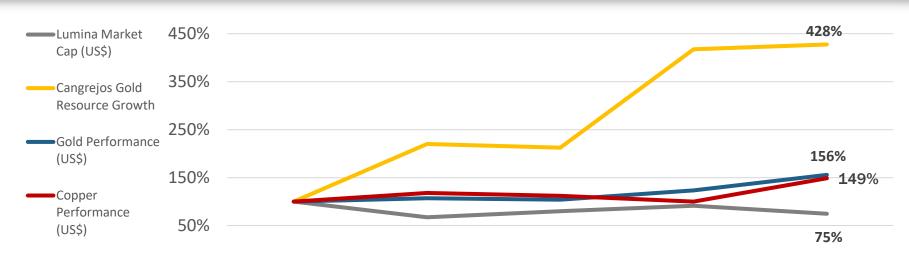


Note: Equivalent calculated using US\$1,600/oz gold, US\$20/oz silver, US\$3.25/lb copper, US\$8.00/lb molybdenum and US\$3.50/lb antimony



### THE LUMINA GOLD VALUE DISCONNECT





	Jan 2017	Nov 2017	Jun 2018	Nov 2019	Current
Gold Price (per ounce)	US\$1,198	US\$1,282	US1,294	US\$1,466	US\$1,865
Copper Price (per pound)	US\$2.74	US\$3.24	US\$3.07	US\$2.74	US\$4.08
Market Capitalization	US\$184 million	US\$124 million	US\$147 million	US\$168 million (1)	US\$137 million (1)
Inferred Gold Resource	4.0 million oz	8.8 million oz	8.5 million oz	6.3 million oz	6.7 million oz
Indicated Gold Resource	na	na	na	10.4 million oz	10.4 million oz
Net Present Value 5%	na	na	US\$0.9 billion (\$1,300/oz)	na	US\$1.6 billion ( <i>\$1,400/oz</i> )

Massive resource growth and improved gold prices since 2017 create an investment opportunity

Source: Capital IQ as of Feb 15, 2023. Note: 2018 PEA calculated using US\$1,300/oz gold and US\$3.25/lb copper. 2020 PEA calculated using US\$1,400/oz gold and US\$2.75/lb copper. (1) Adjusted US\$28M to account for Luminex Resources spin-out on September 5, 2018



### LUMINA'S CORPORATE SOCIAL RESPONSIBILITY





#### **ENVIRONMENT**

- Reforestation plan designed to enhance natural areas and rehabilitate concession lands historically impacted by grazing clearances
- More than 21,000 local species of trees planted to date
- Built and operating native plant greenhouse for site reclamation
- 1.5 metric tons of compost created to date from organic waste
- Conducting long-term water quality monitoring program



#### **EDUCATION**

- Environmental education, including orchard and gardening curriculum
- Healthy summer living program for children and youths
- Cultural programs with elementary school
- Infrastructure improvements at local schools, including IT
- Soccer program for schoolchildren



#### **ENTREPRENEURSHIP**

- Company policies prioritizing local hiring and purchasing
- Goods purchased locally account for ~\$500,000/yr
- Annual road maintenance program
- Entrepreneurship programs for women, including baking
- Built and funded organic greenhouse for 600 beneficiaries
- Cacao farming support with Ministry of Agriculture



#### **HEALTH**

- COVID-19 support: donated over \$43,000 worth of food and sanitation kits for over 5,000 beneficiaries
- Greenhouses program to improve nutrition
- Activity programs for elderly residents
- Constructed sports courts
- Collaborated with Ministry of Health campaign in communities



### **LUMINA IN THE COMMUNITY**





### LUMINA GOLD SUMMARY



- Since the 2018 PEA, which showed a large-scale profitable project at \$1,300 gold, Lumina has:
  - Doubled the size of the gold resource at the project (again)
  - Released an updated economic study in June 2020
- 2020 PEA demonstrates improved economics and a longer life
  - US\$1.6B NPV<sub>5%</sub> at US\$1,400 Gold and >US\$2.5B NPV<sub>5%</sub> at today's commodity prices
  - 25-year mine life vs. 16-year mine life
- PFS study expected in early Q2 2023, with required drilling complete as of Q3 2022
  - Gran Bestia step-out drilling is expected to add to the mineral resource
  - A PFS will allow for an Investment Protection Agreement to be negotiated and construction permitting to commence
- Team with a track record of successfully monetizing large-scale assets



### **APPENDIX**





### THE LUMINA GROUP TRACK RECORD





Sold For C\$470M in 2014

Taca Taca Project – Argentina

Bought by First Quantum



Sold For C\$455M in 2007 Galeno Project – Peru Bought by China Minmetals / Jiangxi Copper



Sold For C\$415M in 2008 Relincho Project – Chile Bought by Teck



Sold For US\$137M in 2006 Regalito Project – Chile Bought by Pan Pacific Copper



**Sold For US\$66M in 2011**Portfolio of Royalties

Bought by Franco Nevada



Sold For C\$50M in 2017

Coringa & Mayaniquel Projects – Brazil & Guatemala Bought by Trek Mining (Equinox Gold)



**Sold For C\$26M in 2006**Casino Project – Canada
Bought by Western Copper





**US\$1.6 Billion Returned** 

**Current Public Companies** 









### COMPARABLE OPEN-PIT MILLING PROJECT PIPELINE



























			ARGONAUT GOLD	SUMMONG NO THE MAING CO., LED.	orion	GOLD & SELVER CORP	GOLDING		ANGLOUSEDASHANTI	Resources	S MINING P	VISTA GOLD
Project	Cangrejos	Salares Norte	Magino	Côté Gold	Hardrock / Greenstone	Back River	Blackwater	Valentine Lake	Gramalote <sup>(2)</sup>	Stibnite	Volta Grande	Mt Todd
Stage	PEA	Const.	Const.	Const.	Const.	Const.	Const.	Const.	Feas. (Prelim.)	Feas.	Feas.	Feas.
Location	<del>-</del> ŏ-	*	*	*	*	*	*	*			<b>♦</b>	*
Start-up Year	n/a	2023	2023	2024	2024	2024	2024	2025	n/a	n/a	n/a	n/a
LOM Avg. Gold Production (koz Au)	366	320	115	365	366	223	339	147	281	297	205	395
Initial Capex (US\$M)	\$1,000	\$834	~\$715 <sup>(1)</sup>	\$2,965	\$943	\$466	\$510 <sup>(2)</sup>	\$366	\$925	\$1,263	\$298	\$892
After-tax IRR (%)	16%	25%	na Capex revised	14%	20%	28%	32%	na Capex revised	15%	22%	26%	20.6%
Gold Price (US\$/oz)	\$1,400	\$1,300	\$1,250	\$1,600 LT	\$1,400	\$1,600	\$1,600	\$1,500	\$1,500	\$1,600	\$1,200	\$1,600

Source: Company disclosure, SNL Market Intelligence and Wood Mackenzie

Note: Start-up timelines are indicative only; not all projects listed above have been formally approved for construction

- (1) Updated for 2022 capex
- (2) Gramalote preliminary feasibility study results displayed as of May 2021; feasibility study expected to be completed in mid-2022
- (3) Does not include US\$611M of expansion capex
- (4) Cote numbers as of August 3, 2022



### EXPERIENCED BOARD AND MANAGEMENT



SENIOR MANAGEMEN	т	OTHER OFFICES
Marshall Koval	President & CEO	Currently CEO of Luminex Resources & Director at Equinox Gold. Previously President & CEO of Anfield Gold, Former VP Corporate Development Lumina Copper and President of Pincock, Allen & Holt.
Leo Hathaway	Senior Vice President	Currently SVP of Lumina Gold and EVP of Libero Copper Former Chief Geological Officer Anfield Gold and Lumina Copper
Diego Benalcazar	Senior Vice President	Currently President of Luminex Resources Former President & Director Ecuadorian Chamber of Mines Former GM & Director Swiss Holderbank Cement Group
Lyle Braaten	VP Legal Counsel	Currently President Miedzi Copper and VP Legal of Luminex Resources Former Secretary & Legal Counsel Magma Energy
Scott Hicks	VP Corp Dev. & Comm.	Currently VP Corp Dev. & Comm. of Luminex Resources and former VP Corp Dev. & Comm. Anfield Gold Former investment banker with RBC Capital Markets and BMO Capital Markets
Martin Rip	Chief Financial Officer	Currently CFO of Luminex Resources Former CFO of Anfield Gold and Lumina Copper
John Youle	VP Corporate Affairs	Currently VP Corp Affairs of Luminex Resources Former VP Corp Affairs of Anfield Gold and Lumina Copper

DIRECTORS	
Lyle Braaten	25+ years experience practicing law in Vancouver, currently President & CEO of Miedzi Copper and VP Legal at Luminex Resources
Heye Daun	20+ years experience mine engineer with top-tier mining companies. Previous President & CEO of Ecuador Gold and Copper
Marshall Koval	35+ years experience in executive and corporate development, finance, engineering, geology and environmental expertise
Donald Shumka	40+ years experience in corporate finance and business. Harvard University Business Administration graduate. Former President & Managing Director of Walden Management
Michael Steinmann	20+ years experience as a geologist in the exploration and mining industry with a PhD from the Swiss Federal Institute of Technology. Currently President & CEO of Pan American Silver
Stephen Stow	20+ years experience in the gold mining sector. Former Director of Corporate Finance, Asia for the National Westminster Bank, Hong Kong Division



### CANGREJOS & GRAN BESTIA MINERAL RESOURCE SENSITIVITY



#### Sensitivity for the combined Cangrejos and Gran Bestia deposits

				Average Grad	e			Containe	d Metals	
Au Eq Cut-Off (g/t)   Million   Tonnes	AuEq (g/t)	Au (g/t)	Cu (%)	Ag (g/t)	Mo (ppm)	Au (Moz)	Cu (Mlb)	Ag (Moz)	Mo (Mlb)	
Indicated										
0.20	651.1	0.67	0.52	0.10	0.7	20.1	10.9	1,493	14.7	28.9
0.30 (Base Case)	570.8	0.73	0.57	0.11	0.7	21.2	10.4	1,409	12.8	26.7
0.40	508.4	0.78	0.61	0.12	0.7	22.1	9.9	1,323	11.6	24.8
0.50	420.1	0.85	0.66	0.13	0.7	23.7	8.9	1,176	10.0	22.0
0.60	330.3	0.93	0.73	0.14	0.8	25.4	7.7	1,005	8.2	18.5
Inferred										
0.20	725.4	0.44	0.34	0.07	0.7	12.2	7.9	1,055	15.4	19.5
0.30 (Base Case)	500.4	0.53	0.41	0.08	0.6	13.0	6.7	838	10.3	14.3
0.40	363.8	0.59	0.47	0.08	0.7	13.5	5.5	666	7.6	10.8
0.50	224.8	0.69	0.54	0.09	0.7	14.2	3.9	466	4.9	7.0
0.60	135.6	0.78	0.62	0.11	0.7	15.1	2.7	317	3.1	4.5

<sup>\*</sup>Gold equivalent values were calculated using the following prices: for gold a price of US\$1,500 per ounce, for copper a price of US\$3.00 per pound, for molybdenum a price of US\$18.00 per pound and for silver a price of US\$18.00 per ounce. Gold equivalent values can be calculated using the following formula: AuEq = Au g/t + (Ag g/t x 0.012) + (Cu % x 1.37) + (Mo ppm / 10,000 x 3.2). No allowances have been made for recovery losses that may occur should mining eventually result.

Resource QP: Rob Sim, P.Geo., as defined by NI 43-101



### CANGREJOS MINERAL RESOURCE



### Porphyry Au-Cu style mineralization hosted in breccias and diorite porphyry

Higher gold values usually correlate with finely disseminated chalcopyrite/bornite

#### Mineral Resource Estimate (0.30 g/t Au Eq Cut-off)

			P	Average Grad	e			Containe	d Metals	
Туре	Million Tonnes	AuEq (g/t)	Au (g/t)	Cu (%)	Ag (g/t)	Mo (ppm)	Au (Moz)	Cu (Mlb)	Ag (Moz)	Mo (Mlb)
Indicated										
Saprolite/Saprock	14.5	0.61	0.57	0.10	2.9	4.2	0.3	30	1.3	0.1
Partially Oxidized	14.8	0.71	0.56	0.10	0.8	15.7	0.3	33	0.4	0.5
Sulphide Rock	440.5	0.77	0.59	0.12	0.7	23.2	8.4	1,165	9.2	22.5
Total Indicated	469.7	0.77	0.59	0.12	0.7	22.4	8.9	1,222	10.9	23.2
Inferred										
Saprolite/Saprock	7.4	0.43	0.41	0.07	2.0	2.7	0.1	11	0.5	0.0
Partially Oxidized	9.4	0.46	0.36	0.07	0.7	11.8	0.1	15	0.2	0.2
Sulphide Rock	238.1	0.56	0.43	0.09	0.7	15.3	3.3	446	5.0	8.0
Total Inferred	254.9	0.55	0.43	0.08	0.7	14.8	3.5	472	5.7	8.3

<sup>\*</sup>Gold equivalent values were calculated using the following prices: for gold a price of US\$1,500 per ounce, for copper a price of US\$3.00 per pound, for molybdenum a price of US\$18.00 per pound and for silver a price of US\$18.00 per ounce. Gold equivalent values can be calculated using the following formula: AuEq = Au g/t + (Ag g/t x 0.012) + (Cu % x 1.37) + (Mo ppm / 10,000 x 3.2). No allowances have been made for recovery losses that may occur should mining eventually result.

Resource QP: Rob Sim, P.Geo., as defined by NI 43-101



### GRAN BESTIA MINERAL RESOURCE



### Porphyry Au-Cu style mineralization hosted in breccias and diorite porphyry

Higher gold values usually correlate with finely disseminated chalcopyrite/bornite

#### Mineral Resource Estimate (0.30 g/t Au Eq Cut-off)

			P	Average Grade	e			Containe	d Metals	
Туре	Million Tonnes	AuEq (g/t)	Au (g/t)	Cu (%)	Ag (g/t)	Mo (ppm)	Au (Moz)	Cu (Mlb)	Ag (Moz)	Mo (Mlb)
Indicated										
Saprolite/Saprock	2.6	0.55	0.52	0.08	2.4	8.6	0.0	4	0.2	0.0
Partially Oxidized	4.7	0.69	0.56	0.08	0.6	17.2	0.1	9	0.1	0.2
Sulphide Rock	93.8	0.58	0.45	0.08	0.5	15.5	1.4	168	1.6	3.2
Total Indicated	101.1	0.58	0.46	0.08	0.6	15.4	1.5	180	1.9	3.4
Inferred										
Saprolite/Saprock	4.1	0.46	0.44	0.07	1.6	7.1	0.1	6	0.2	0.1
Partially Oxidized	7.5	0.51	0.41	0.06	0.7	11.1	0.1	10	0.2	0.2
Sulphide Rock	233.9	0.50	0.40	0.07	0.6	11.3	3.0	351	4.3	5.8
Total Inferred	245.5	0.50	0.40	0.07	0.6	11.3	3.1	368	4.7	6.1

<sup>\*</sup>Gold equivalent values were calculated using the following prices: for gold a price of US\$1,500 per ounce, for copper a price of US\$3.00 per pound, for molybdenum a price of US\$18.00 per pound and for silver a price of US\$18.00 per ounce. Gold equivalent values can be calculated using the following formula: AuEq = Au g/t + (Ag g/t x 0.012) + (Cu % x 1.37) + (Mo ppm / 10,000 x 3.2). No allowances have been made for recovery losses that may occur should mining eventually result.

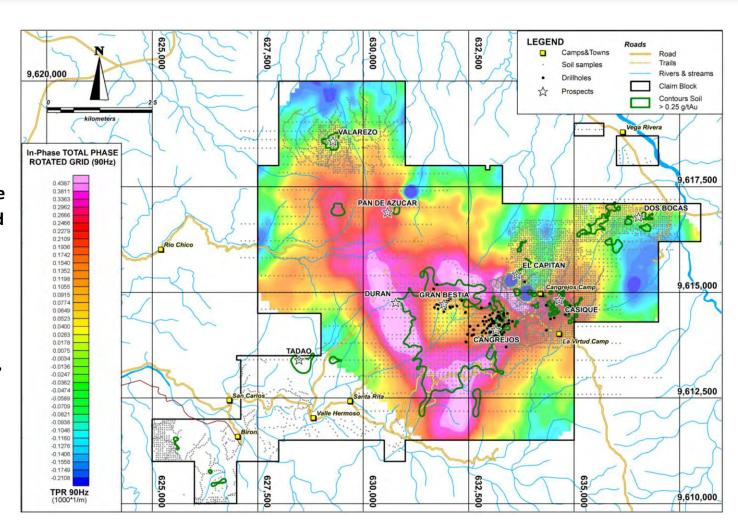
Resource QP: Rob Sim, P.Geo., as defined by NI 43-101



### Cangrejos Exploration — Geophysics and Soils



- TTEM survey results highlight the remaining potential on the property and show that 2/3<sup>rds</sup> of the prospective circular ZTEM feature have not been drilled
- The untested area also has a coincident anomaly of gold (green circle) in soils, which adds further support for the potential of the area





### LUMINA GOLD CORPORATE HISTORY



### **Equity Financing History**

2014 US\$5M at US\$0.052

**2015** • C\$3M at C\$0.22

**2016** • C\$20M at C\$0.70

2017 • C\$20M at C\$0.62

C\$7M at C\$0.72 to fund Luminex

2018

C\$20M at C\$0.56 post Luminex spin out

2019 - C\$9M at C\$0.50

**2021** • C\$19M at C\$0.60

#### **Property Acquisition and Divestment History**

2016

 Acquired C20, the 2<sup>nd</sup> half of the Cangrejos deposit and additional concessions in the Government auction

 Acquired Ecuador Gold and Copper (EGX)

2017

Acquired an additional
 41 thousand hectares of exploration concessions in the Government auction

2018

 Completed the spin-out of EGX properties and the exploration concessions into Luminex Resources



### ECUADOR - MINING TAX REGIME



#### **Current Income Tax and Royalty Regime**

- 3 8% NSR Royalty Recent agreements signed at 5%, possible range lowered to 3% in August 2018
- 15% Profit Sharing Tax Based on EBIT, 12% state, 3% employee
- 20% Corporate Tax Based on EBIT less Profit Sharing Tax, rate for exporters versus 25% for other businesses

#### **Other Government Payments**

- Patent fees based on the stage of the project and number of hectares
- 12% VAT tax Refundable on expenditures incurred after Jan 2018 if Lumina generates export sales
- 5% ISD tax on foreign cash repatriation Exemptions apply to companies that sign investment contracts

#### **August 2018 Tax Changes**

- Elimination of the 70% windfall tax
- Reduction in NSR royalty range from 5-8% to 3-8%
- Reduction in capital gains tax rates to a progressive table ranging from 0%-10% Applies to asset sales

Constitutional requirement for Government to receive 50% of project benefit (NPV)





## ELUMINA GOLD CORP

### TSX.V: LUM

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