



ARGONAUT GOLD

TSX:AR

## Gold Forum Americas

Colorado Springs, USA  
September 12-15, 2021



# FORWARD LOOKING INFORMATION

This presentation may contain "forward-looking information" within the meaning of applicable Canadian securities legislation. All information, other than statements of historical facts, included in this presentation that address activities, events or developments that the Corporation expects or anticipates will or may occur in the future, including such things as future business strategy, competitive strengths, goals, expansion and growth of the Corporation's businesses, operations, plans and other such matters are forward-looking information.

When used in this presentation, the words "estimate", "plan", "anticipate", "expect", "intend", "believe" and similar expressions are intended to identify forward-looking information. This information involves known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Corporation to be materially different from any future results, performance or achievements expressed or implied by such forward-looking information.

Examples of such forward-looking information include information pertaining to, without limitation, inherent hazards associated with mining operations, the future price of gold and silver, the market and global demand for gold and silver, the estimation of the Mineral Reserves and Mineral Resources, the realization of Mineral Reserve and Mineral Resource estimates, the timing and amount of estimated future production, costs of production, expansion of production capabilities, expected capital expenditures, costs and timing of development of new deposits, success of exploration activities, permitting risk in development projects, the ability to obtain surface rights to support planned infrastructure at the Corporation's exploration and development projects, currency fluctuations, requirements for additional capital, government regulation of mining operations, environmental risks and hazards, title disputes or claims and limitations on insurance coverage.

For a more detailed discussion of these factors and other risks, see "Risk Factors" as more fully described in the Company's filings with the Canadian Securities Administrators, including its Annual Information Form for the year ended December 31, 2020, available on SEDAR at [www.sedar.com](http://www.sedar.com).

Although the Corporation has attempted to identify important factors that could cause actual results to differ materially, there may be other factors that cause results not to be as anticipated, estimated, or intended. There can be no assurance that such information will prove to be accurate as actual developments or events could cause results to differ materially from those anticipated. These include, among others, the factors described or referred to elsewhere herein, and include unanticipated and/or unusual events. Many of such factors are beyond the Corporation's ability to predict or control.

Readers of this presentation are cautioned not to put undue reliance on forward-looking information due to its inherent uncertainty. The Corporation disclaims any intent or obligation to update any forward-looking information, whether as a result of new information, future events or results or otherwise, unless require under applicable laws. This forward-looking information should not be relied upon as representing management's views as of any date subsequent to the date of this presentation.

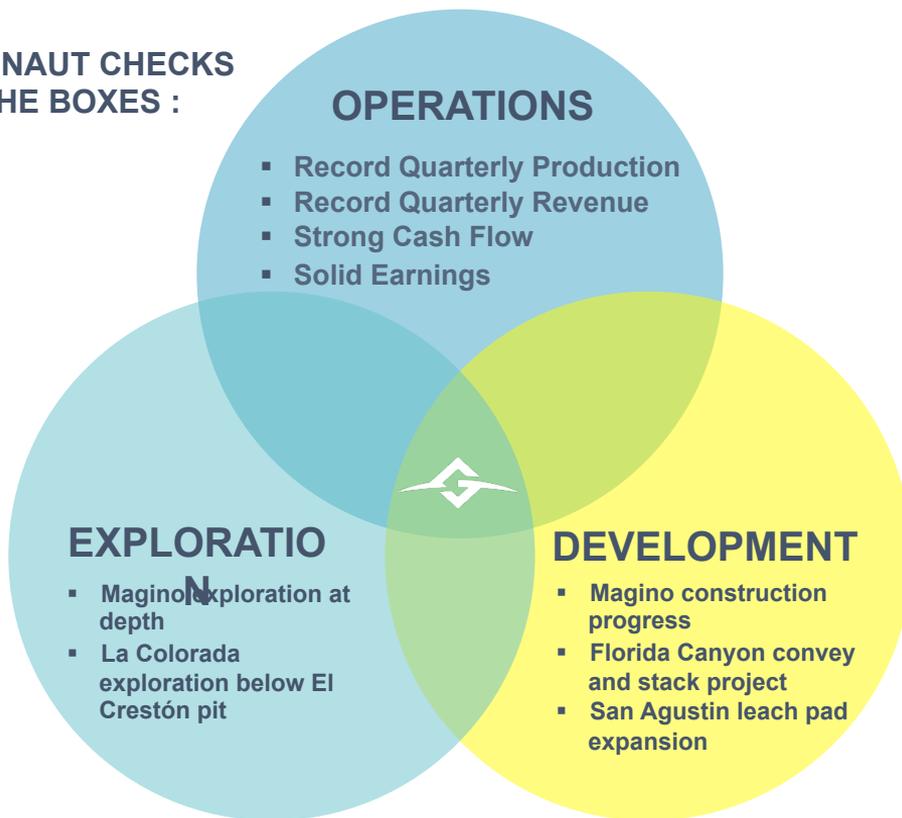
References to dollars or "\$" are to U.S. dollars unless specified otherwise.



# Upside with Reduced Risk



**ARGONAUT CHECKS  
ALL THE BOXES :**



# Argonaut's Commitment to Sustainability



## 2020 Highlights & 2021 Ongoing Programs

- Reduction in water consumption by 8% by switching to drip irrigation at operations.
- Reduced GHG by ~84 tonnes/year by installing solar panels.
- Plant and species rescue programs.
- Regular air quality monitoring.
- Regular environmental training programs and workshops.
- Community focused cleaning campaigns.



## Upcoming Initiatives

- Switching to grid power at operations.
- Changes at Florida Canyon which reduces haul truck distances and fuel consumption, which reduces GHG.



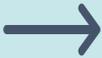
## Sustainability Report published April 2021



# North American Focused Intermediate Producer



# Three Year Snapshot

	2019A	2020A	2021E	
<b>GEO<sup>(1)</sup> production</b>	186,615	203,483 <sup>(3)</sup>	<b>210k – 250k</b>	 <b>PRODUCTION rising</b>
<b>Cash costs<sup>(2)</sup> \$ per oz Au</b>	\$1,041	\$936	<b>950 – 1,050</b>	 <b>COSTS relatively flat</b>
<b>AISC<sup>(2)</sup> \$ per oz Au</b>	\$1,299	\$1,244	<b>1,250 – 1,350</b>	
<b>Cash Flow Activities from Operating Activities</b> before changes in non-cash operating working capital	\$73.8M	\$95.0M	<b>\$90M - \$140M<sup>(4)</sup></b>	 <b>CASH FLOW rising</b>

<sup>1</sup> GEOs are based on a conversion ratio of 85:1 for silver to gold for 2021, 80:1 for 2020 and 75:1 for 2019. The silver to gold ratio is based on the three-year trailing average silver to gold ratio.

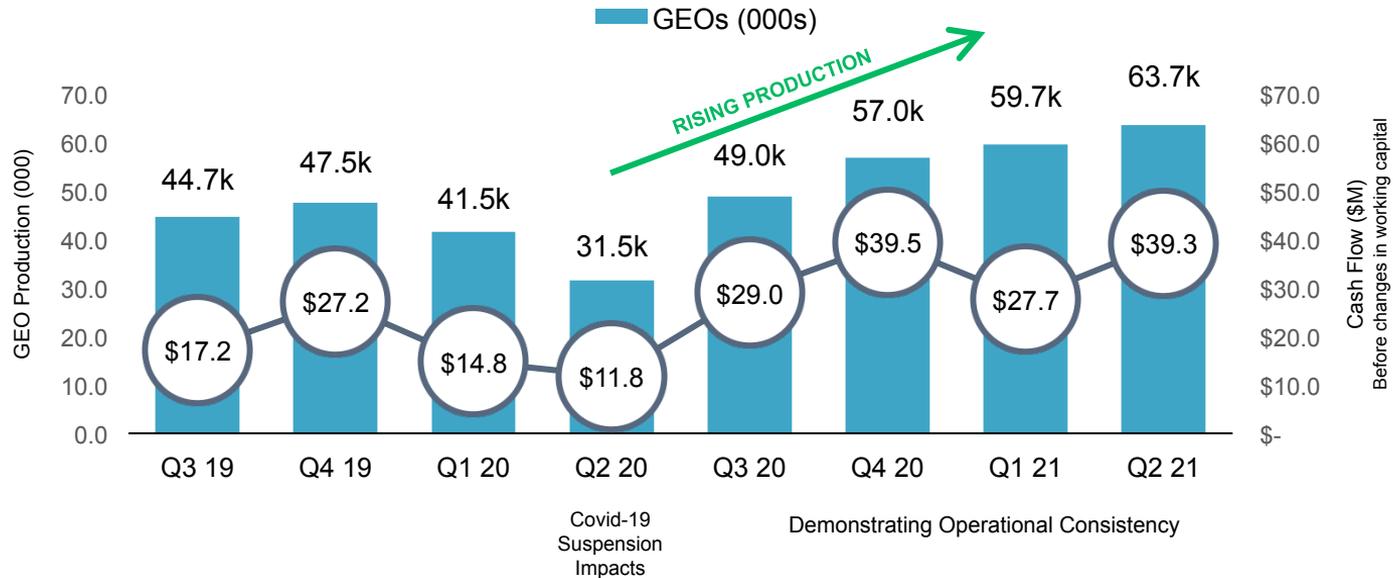
<sup>2</sup> Please refer to section on slide 37 entitled "Non-IFRS Measures" for a discussion of these Non-IFRS Measures.

<sup>3</sup> Florida Canyon production during Q1 2020 and Q2 2020 was under Alio Gold Inc. prior to the closing of the merger between Alio Gold Inc. and Argonaut on July 1, 2020. 2020 GEO production combined full year 2020 production from the El Castillo, San Agustin, La Colorada and Florida Canyon.

<sup>4</sup> Assumes \$1,700 per ounce gold.



# Recent Quarterly Production and Cash Flow



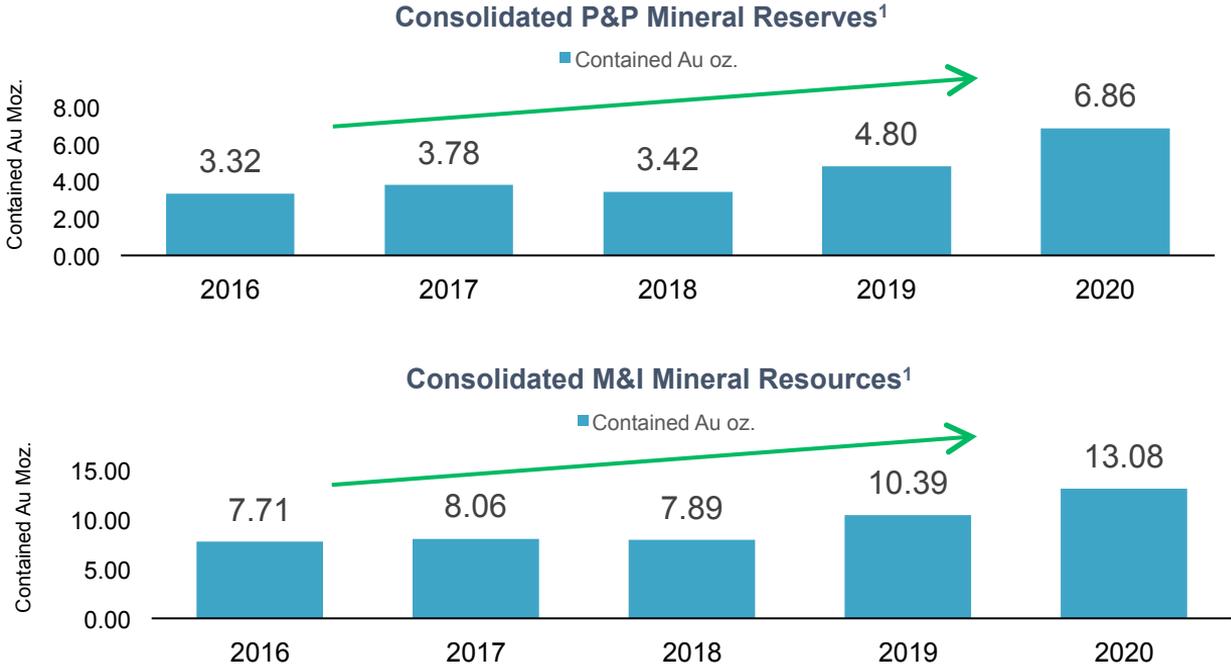
**Three consecutive quarters of record GEO production.**



**Record cash flow in two of the past three quarters.**



# 5 Year Mineral Reserves & Resources Growth



**Consistently increasing our Mineral Reserve and Mineral Resource base through exploration and smart acquisition**

<sup>1</sup> Please refer to Mineral Resource disclosure on slide 37 for full details.



# Tracking vs. 2021 Guidance

## 2021 Production and Cost Guidance

	First Half 2021	Full Year 2021 Guidance	Tracking vs. Guidance through H1 2021			
			Below	Low End	High End	Above
<b>GEO production</b>	123,452	210,000 – 250,000			✓	
<b>Cash cost per gold ounce sold<sup>1</sup></b>	\$936	\$950 - \$1,050	✓			
<b>AISC per gold ounce sold<sup>1</sup></b>	\$1,247	\$1,250 - \$1,350	✓			
<b>Operating Cash Flow</b>	67.0M	\$90M - \$140M			✓	



**On track to achieve 2021 consolidated production and cost guidance.**

<sup>1</sup> Please refer to section on slide 37 entitled "Non-IFRS Measures" for a discussion of these Non-IFRS Measures.

<sup>2</sup> Assumes exchange rates of MXN:USD of 20:1 and CAD:USD of 1.25:1.



# Argonaut's Vision & Strategy

Transitioning our production and cost profile:

High-Cost Producer

Low-Cost Intermediate Producer

150k – 200k oz  
per year

300k – 500k oz  
per year



**SUSTAINABLE GROWTH & REPLACEMENT**  
of ounces

Executing Our  
Strategy -  
**Our 3-Phase  
Approach**

**HARVEST**



- **HARVEST** cash from existing operations
- Record annual cash flow from operating activities in 2020

**REPLACE**



- **REPLACE** depleted gold ounces through exploration at existing assets

**GROWTH**



- **GROWTH** through the development project pipeline
- All development stage assets provide much longer mine life and significantly lower operating costs



# Phase 1 – HARVEST CASH

## Not sexy assets, but they make MONEY!



El Castillo Complex			La Colorada			Florida Canyon					
El Castillo		San Agustin									
											
<b>M&amp;I</b> 40.4 Mt at 0.34 g/t Au for 447k Contained Au oz. <sup>1</sup>			<b>Indicated</b> 65.6 Mt at 0.27 g/t Au for 579k Contained Au oz. <sup>1</sup>			<b>Indicated</b> 35.0 Mt at 0.56 g/t Au for 631k Contained Au oz. <sup>1</sup>			<b>M&amp;I</b> 86.0 Mt at 0.42 g/t Au for 1.16M Contained Au oz. <sup>1</sup>		
<b>P&amp;P</b> 17.3Mt at 0.37 g/t Au for 203k Contained Au oz. <sup>1</sup>			<b>Probable</b> 47.2 Mt at 0.30 g/t Au for 448K Contained Au oz. <sup>1</sup>			<b>Probable</b> 24.1 Mt at 0.58 g/t Au for 453K Contained Au oz. <sup>1</sup>			<b>P&amp;P</b> 70.8 Mt at 0.42 g/t Au for 954k Contained Au oz. <sup>1</sup>		
<b>Mine life:</b> 2022 <b>Potential to extend life:</b> Low			<b>Mine life:</b> 2026+ <b>Potential to extend life:</b> Medium			<b>Mine life:</b> 2025+ <b>Potential to extend life:</b> Medium			<b>Mine life:</b> 2031+ <b>Potential to extend life:</b> High		
2020 GEOs <sup>2</sup>	2021 GEOs <sup>2</sup>	2021 Cash Costs <sup>3</sup>	2020 GEOs <sup>2</sup>	2021 GEOs <sup>2</sup>	2021 Cash Costs <sup>3</sup>	2020 GEOs <sup>2</sup>	2021 GEOs <sup>2</sup>	2021 Cash Costs <sup>3</sup>	2020 GEOs <sup>2</sup>	2021 GEOs <sup>2</sup>	2021 Cash Costs <sup>3</sup>
46,182	40 - 50	1,050 – 1,150	63,866	65 - 75	900 – 1,000	46,371	55 - 65	700 – 800	47,064	50 - 60	1,200 – 1,300

2021 Production Guidance	2021 All-in Sustaining Costs <sup>3</sup>	2021 Operating Cash Flow
<b>210K – 250K GEOs</b>	<b>\$1,250 - \$1,350</b>	<b>\$90M - \$140M</b>

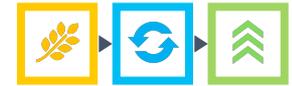
<sup>1</sup> Please refer to Mineral Resource disclosure on slide 35 for full details.

<sup>2</sup> GEOs are based on a conversion ratio of 80:1 silver to gold for 2020 and 85:1 for 2021. The silver to gold ratio is based on the three-year trailing average silver to gold ratio.

<sup>3</sup> Please refer to section on slide 37 entitled "Non-IFRS Measures" for a discussion of these Non-IFRS Measures.

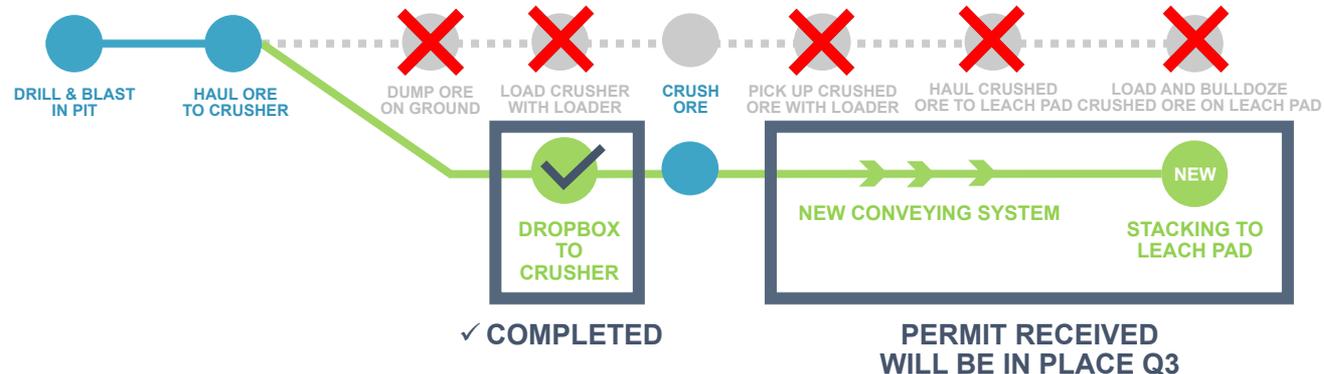


# Optimizing Florida Canyon



## Acquired Florida Canyon: July 2020

### Status of improvements since acquiring:

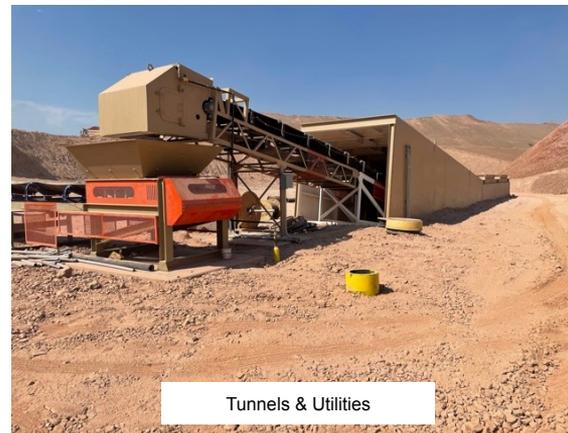


### Goals for 2021:

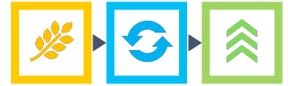
- Reduce unit operating costs by eliminating re-handling
- Free up mobile equipment to repurpose in the pit to raise production profile
- Reduction in per/oz cost due to higher production profile



# Optimizing Florida Canyon



## Phase 2 - REPLACE



### Consolidated Mineral Reserves & Mineral Resources<sup>1</sup> Contained Gold Ounces

	2019	2020	% Change	
Proven & Probable Mineral Reserves	4.8M oz.	<b>6.8M oz.</b>	<b>43%</b>	 Mineral Reserves rising
Measured & Indicated Mineral Resources	10.4M oz.	<b>13.1M oz.</b>	<b>26%</b>	 Mineral Resources rising



#### San Agustin

- Replaced depleted ounces through exploration



#### La Colorada

- Replaced depleted ounces through exploration



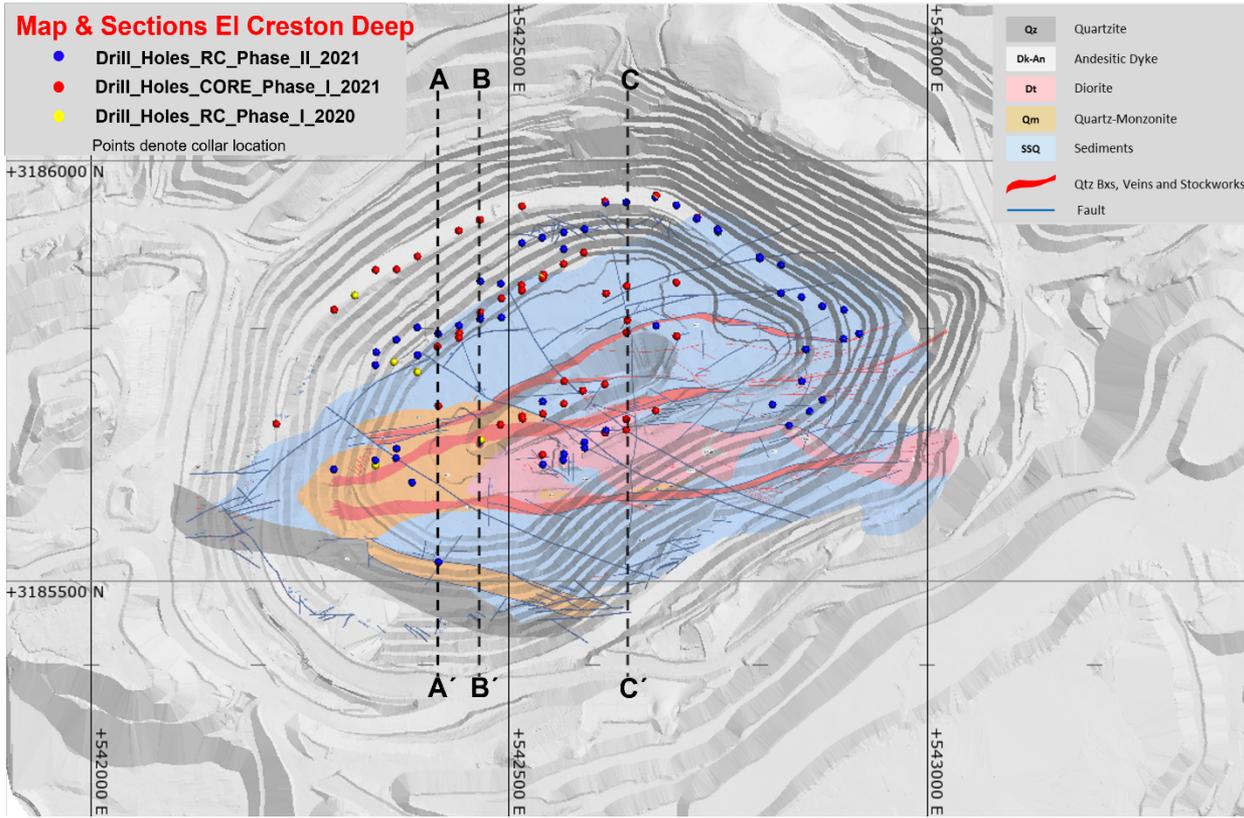
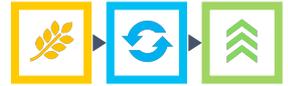
#### Florida Canyon

- Acquisition of Alio

<sup>1</sup> Please refer to Mineral Resource disclosure on slide 38 for full details.



# High Grade Results at La Colorada



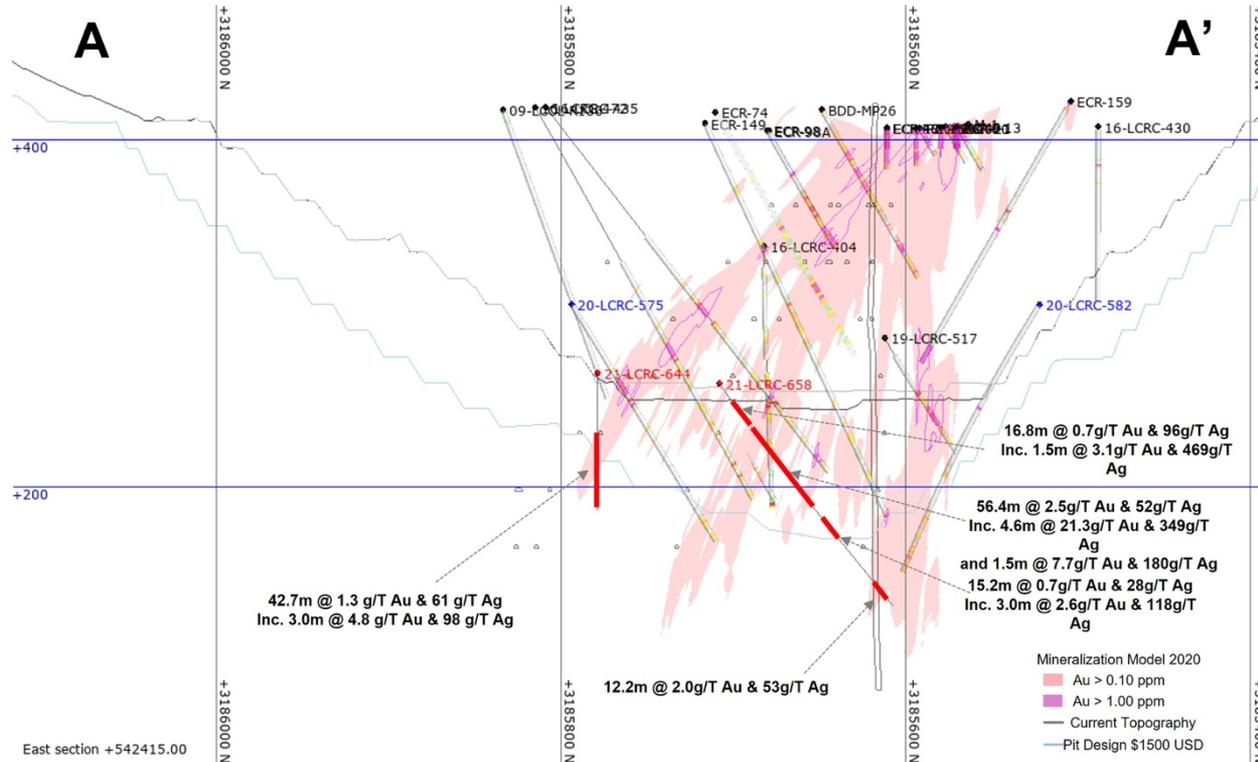
Note: Refer to Argonaut Press Release dated September 13, 2021.



# High Grade Results at La Colorada



## Recent Drill Results High Grade Gold Veins Below the El Crestón Pit at La Colorada Mine



Note: Refer to Argonaut Press Release dated September 13, 2021.

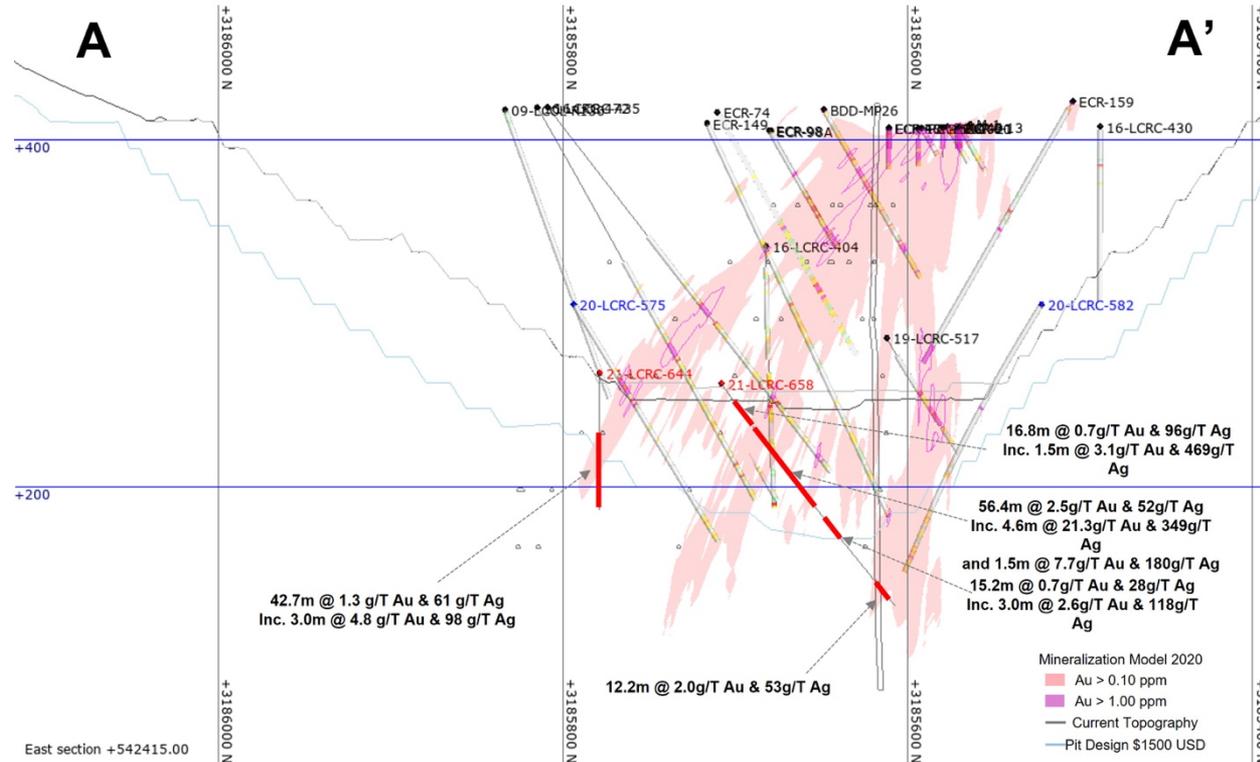


# High Grade Results at La Colorada



## Recent Drill Results

### Section A - High Grade Gold Veins Below the El Crestón Pit at La Colorada Mine



Note: Refer to Argonaut Press Release dated September 13, 2021.

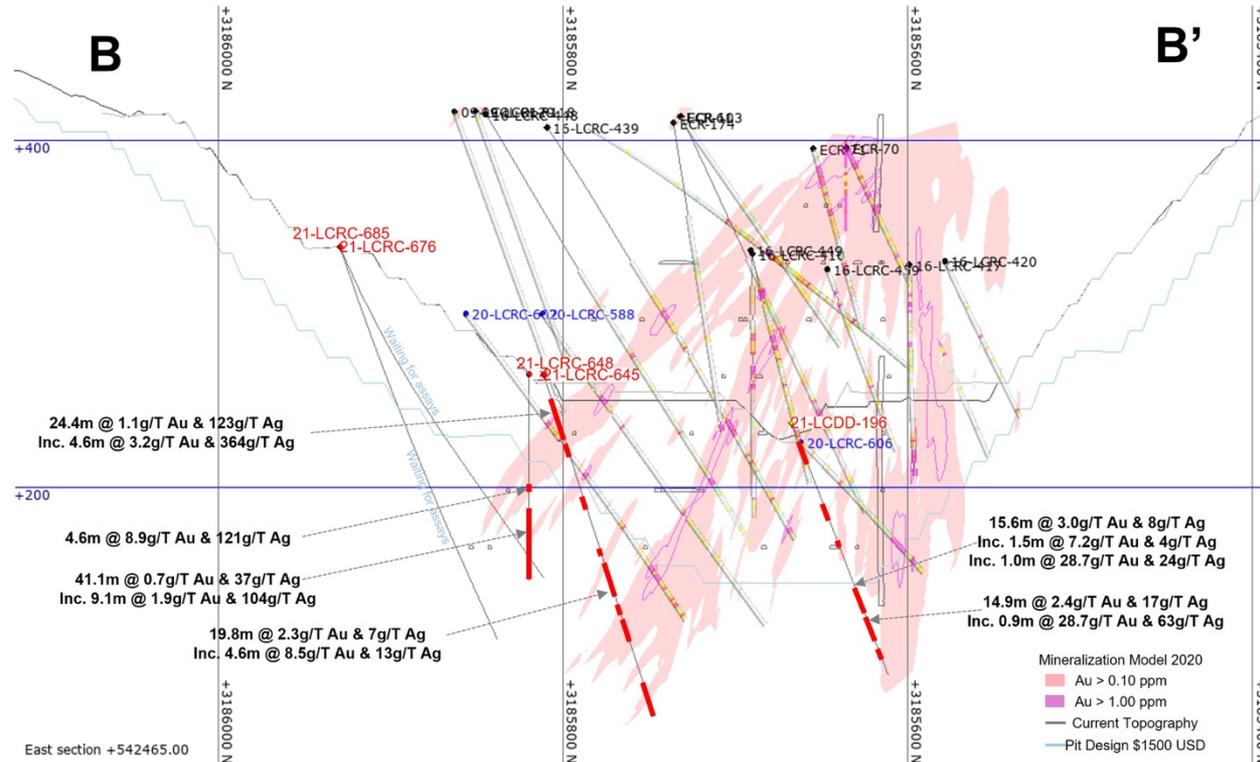


# High Grade Results at La Colorada



## Recent Drill Results

### Section B - High Grade Gold Veins Below the El Crestón Pit at La Colorada Mine



Note: Refer to Argonaut Press Release dated September 13, 2021.

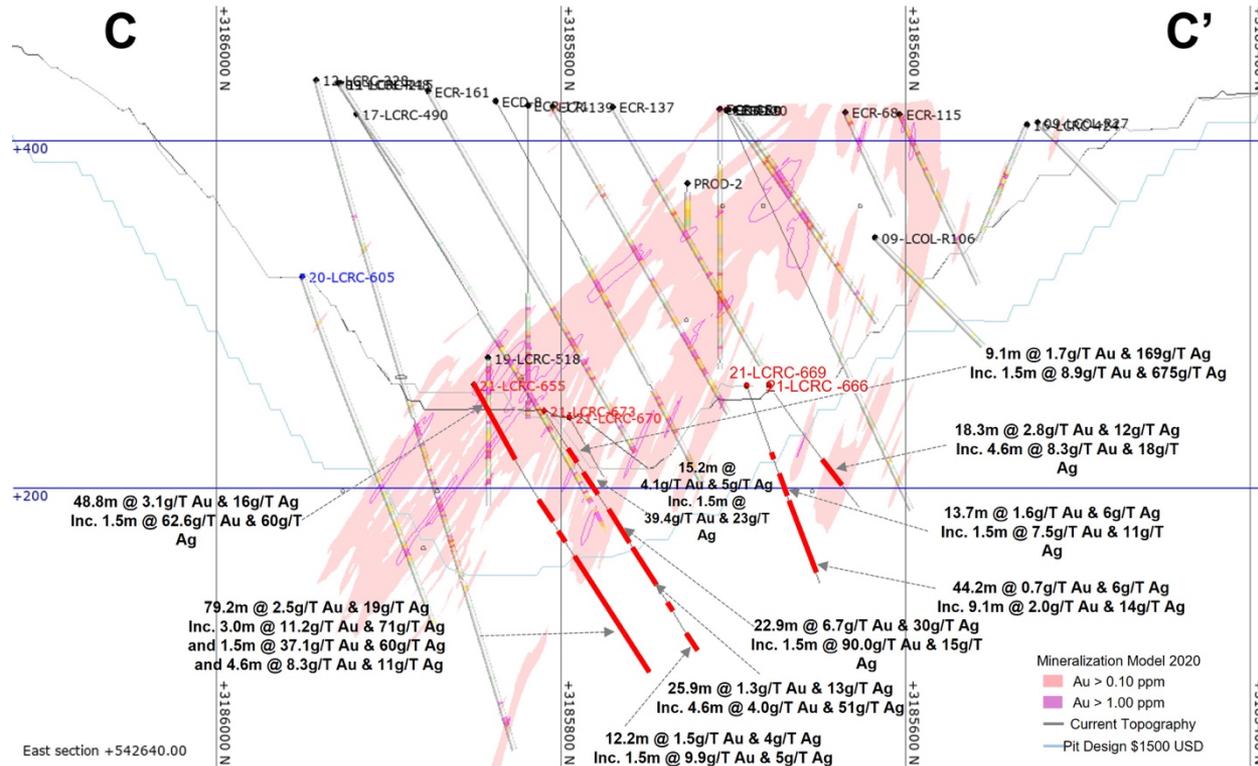


# High Grade Results at La Colorada



## Recent Drill Results

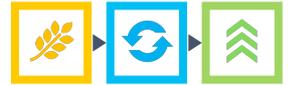
### Section C - High Grade Gold Veins Below the El Crestón Pit at La Colorada Mine



Note: Refer to Argonaut Press Release dated September 13, 2021.



# Phase 3 - GROWTH



## THE DEVELOPMENT PIPELINE

### Magino<sup>4</sup>



Ontario, Canada

M+I 144.0 Mt @ 0.91 g/t, 4.2M oz Au<sup>5</sup>

P+P 59.0 Mt @ 1.13 g/t, 2.1 Moz Au<sup>5</sup>

In Construction

Open Pit, Mill

### Cerro del Gallo<sup>3</sup>



Guanajuato, Mexico

M+I 201.9 Mt @ 0.44 g/t, 2.86M oz Au<sup>5</sup>

P+P 91.8 Mt @ 0.56 g/t, 1.64 Moz Au<sup>5</sup>

Pre-Feasibility

Open Pit, Heap Leach

	Current Operations 2020	Magino <sup>4</sup>	Cerro del Gallo <sup>3</sup>
<b>Production<sup>1</sup></b> (GEOs/year)	203k	126k	77k
<b>Cash Cost<sup>2</sup></b> (per oz.)	\$936	\$669	\$597
<b>AISC<sup>2</sup></b> (per oz.)	\$1,244	\$711	\$667
<b>LOM</b> (years)		17	15
<b>Capital</b> (\$M)		C\$480 - C\$510 (likely 15%+)	\$134



**Lower cost, longer  
life assets**



**Increased production &  
lower operating cost  
= next tier producer**



**Superior Leverage to Gold  
Combined NPV<sup>5%</sup> of ~\$1.0B at  
\$1,700 gold<sup>3,4</sup>**

<sup>1</sup> GEOs are based on a conversion ratio of 80:1 silver to gold for 2020 and 85:1 for 2021. The silver to gold ratio is based on the three-year trailing average silver to gold ratio.

<sup>2</sup> Please refer to section on slide 37 entitled "Non-IFRS Measures" for a discussion of these Non-IFRS Measures. Based on costs through nine months ended September 30, 2020.

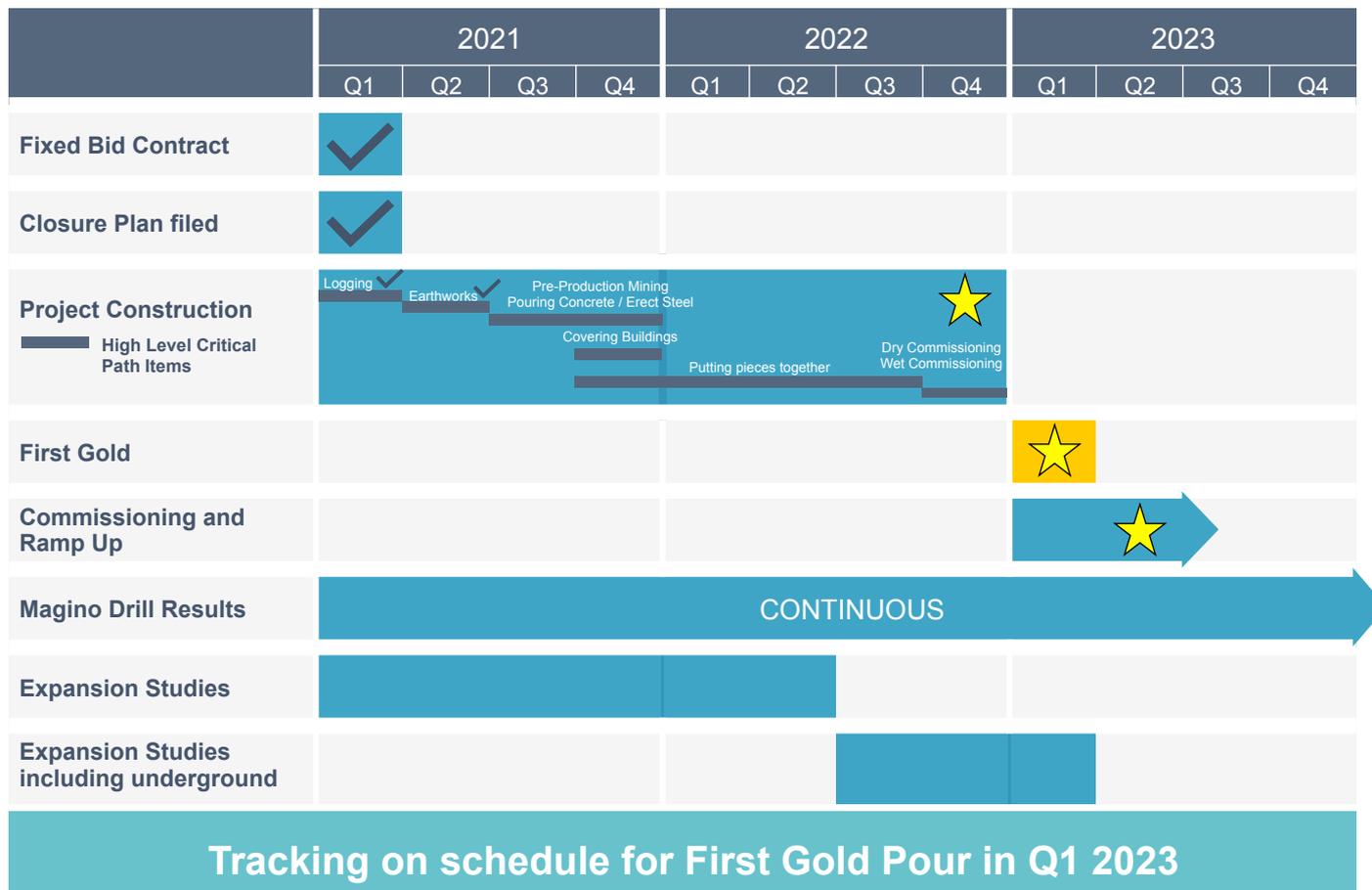
<sup>3</sup> Based on the assumptions and parameters of the Cerro del Gallo Pre-Feasibility Study results announced on December 18, 2019.

<sup>4</sup> Based on the assumptions and parameters as set forth in the Magino Feasibility Study dated December 21, 2017.

<sup>5</sup> Please refer to slide 38 for Mineral Resource Notes and Disclosure. Mineral Resources are inclusive of Mineral Reserves.



# Conceptual Magino Project Timeline



# Magino Construction Update



# Magino Construction



Ground Breaking Ceremony with Provincial and Municipal government officials and local Indigenous communities

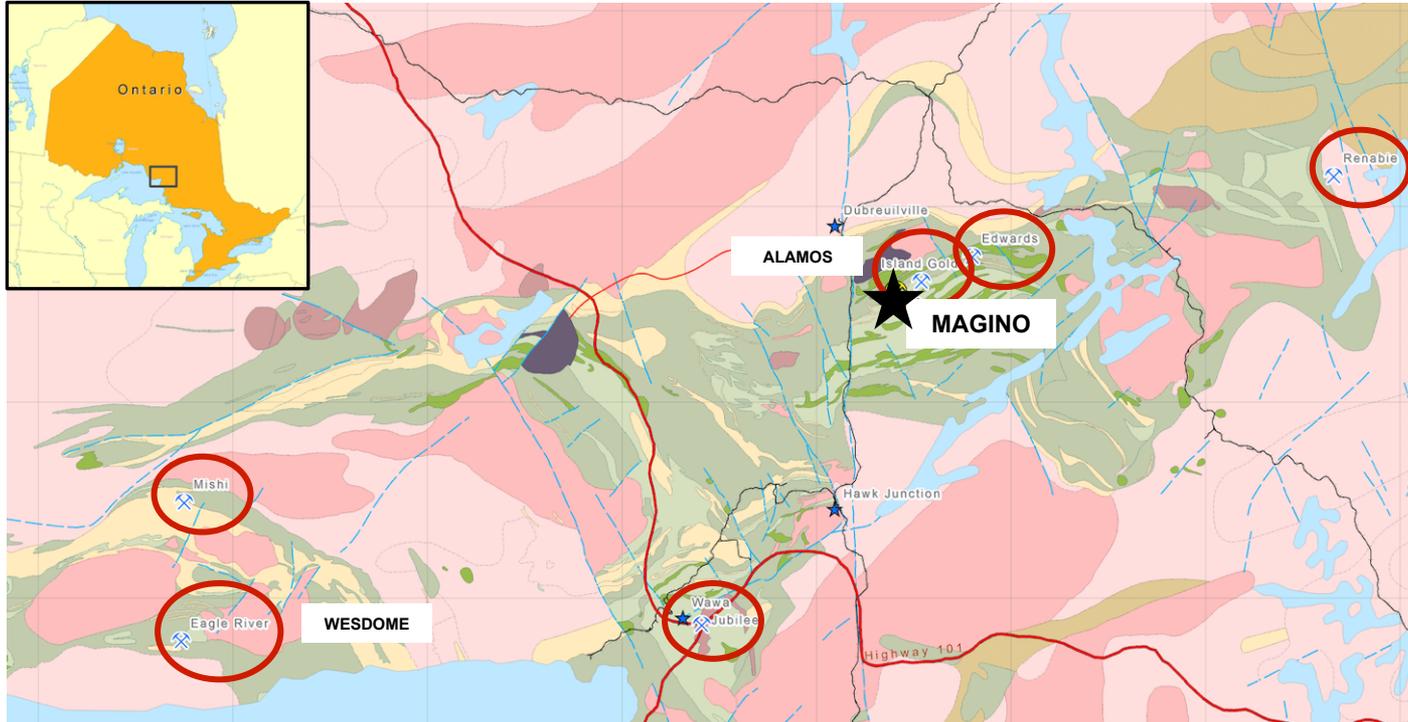


Aaron MacDonnell, Environmental Manager and Steve Murphy, Environmental Stewardship Manager for Michipicoten First Nation.



Magino Lodge – Camp, Recreation Centre and Kitchen

# Magino – Expanding on Goudreau Deformation District

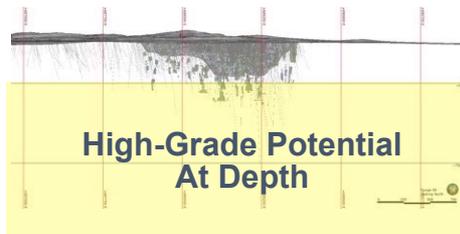


Other mines and projects in the district are showing a grade increase at depth



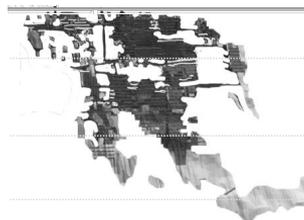
# Potential to Add Mineral Resources and Reserves - Magino

## MAGINO



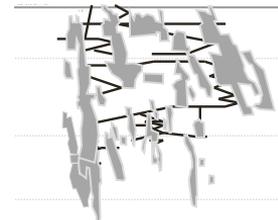
- Previous exploration = above 300m
- M&I Resources: 4.197 Moz
- P&P Reserves: 2.137 Moz

## ALAMOS GOLD ISLAND GOLD



- Current depth = 1,500m
- P&P Reserves: 1.215 Moz

## WESDOME EAGLE RIVER

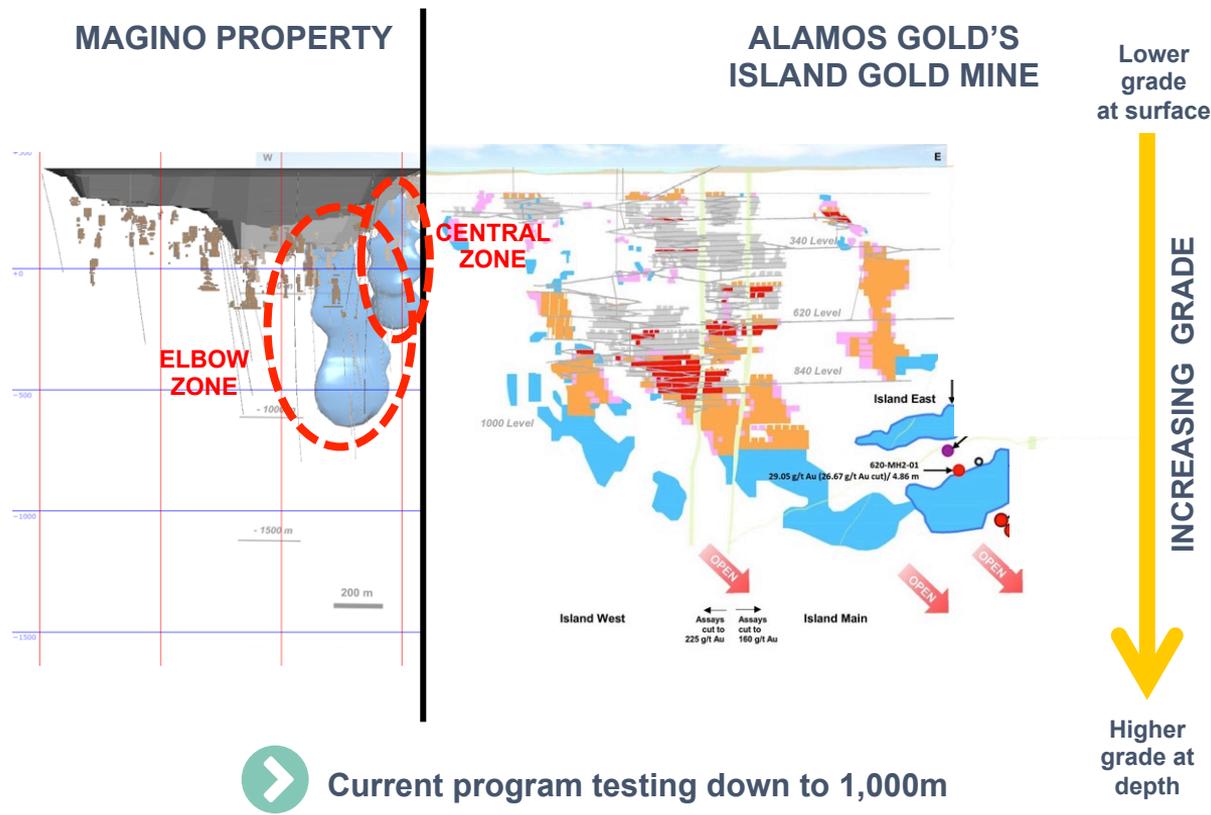


- Current depth = 1,600m
- P&P Reserves: 0.581 Moz

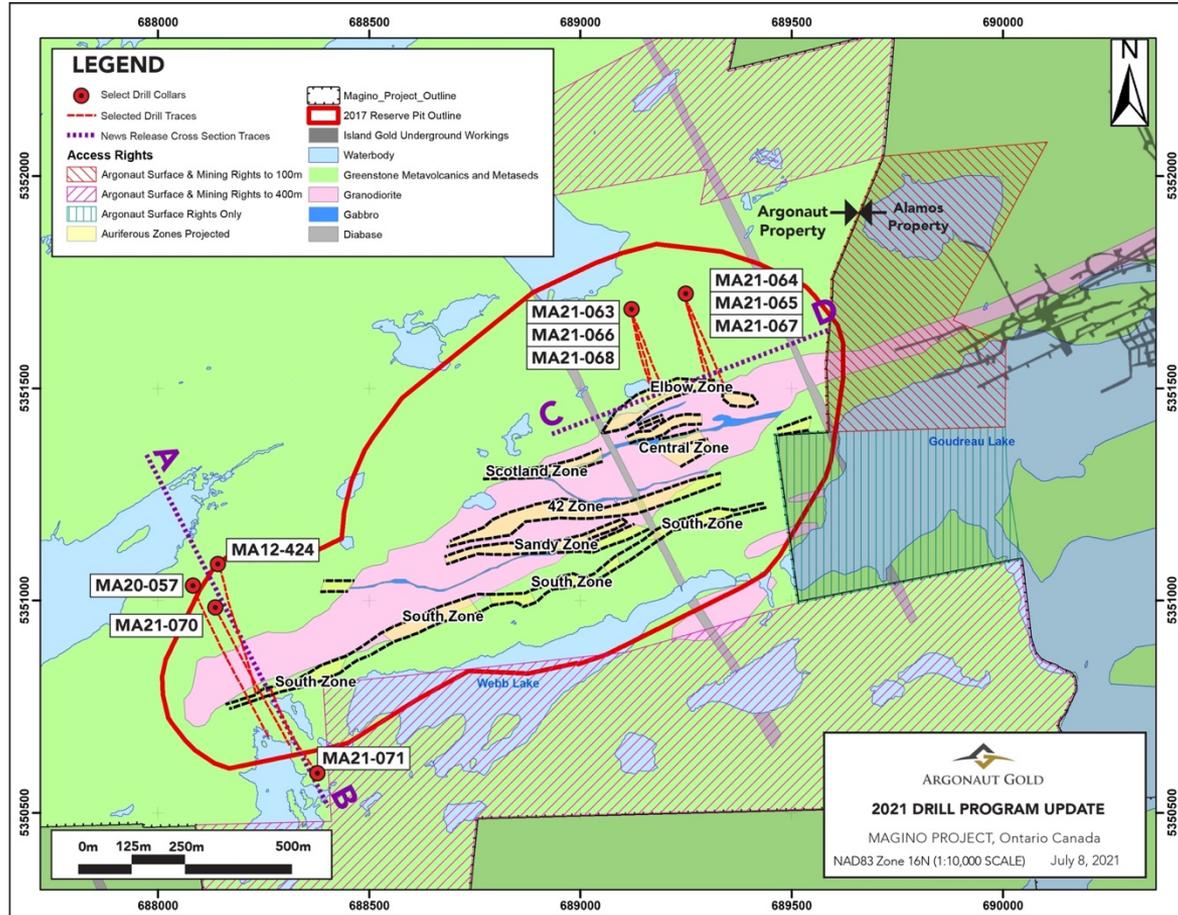


**Over 50,000 metres drilled targeting high-grade potential at depth and regional targets**

# Potential to Add Mineral Resources and Reserves - Magino

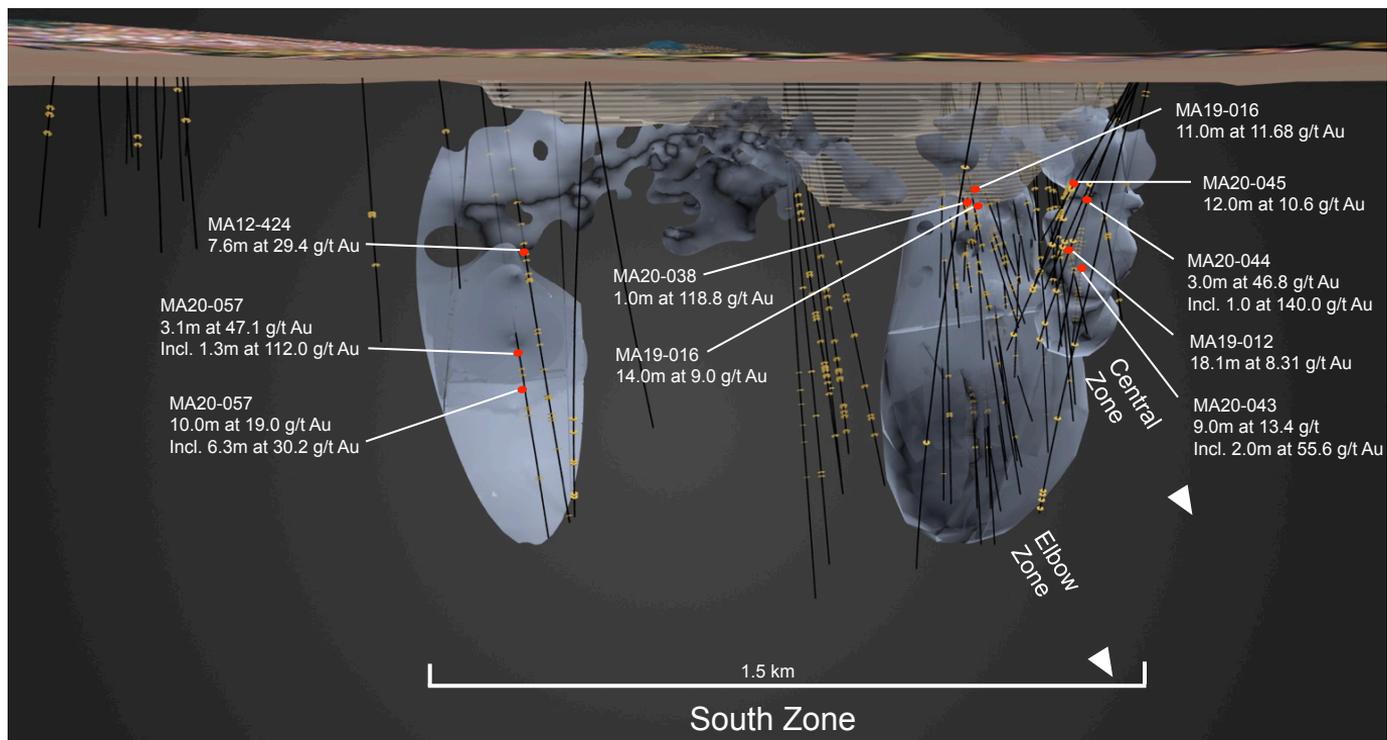


# Magino Plan View

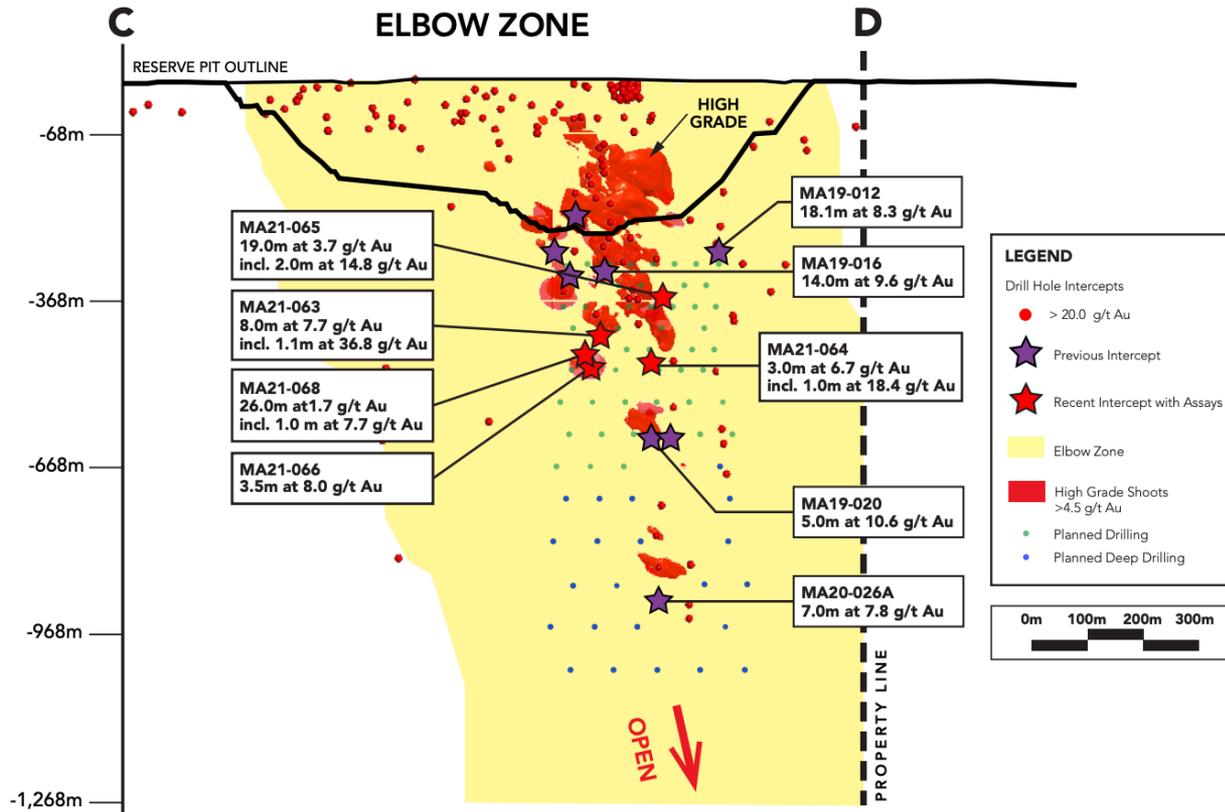


# Magino High-Grade Drill Results at Depth Below the Pit

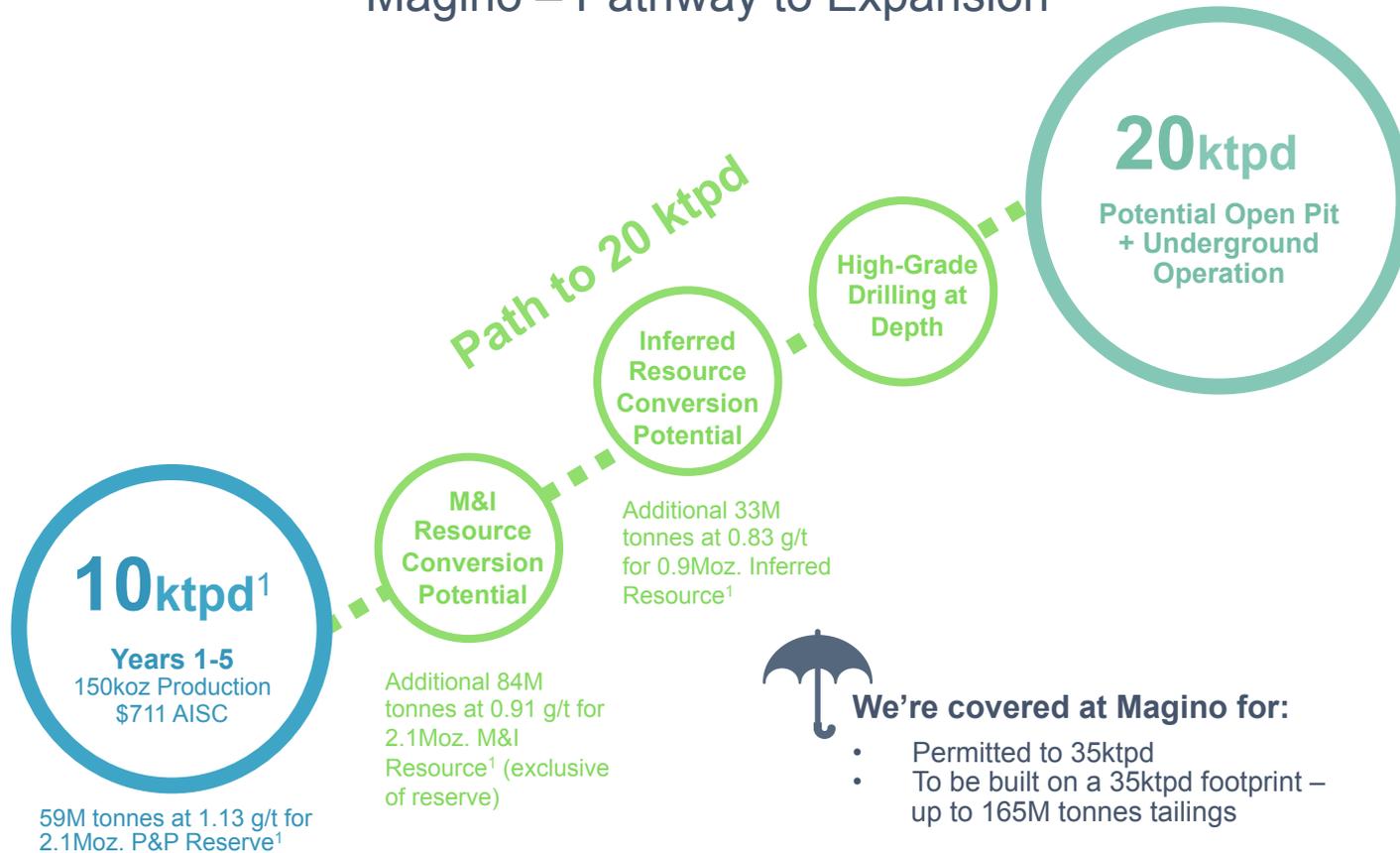
## Long Section Looking North



# Early-stage Resource Definition Drilling



# Magino – Pathway to Expansion



<sup>1</sup> Based on the assumptions and parameters as set forth in the Magino Feasibility Study dated December 21, 2017.



# Cerro del Gallo – Low-Cost, Heap Leach Project



## Pre-Feasibility Highlights<sup>1</sup>

- Cash Costs<sup>1</sup> of \$597 /Au oz.
- AISC<sup>1</sup> of \$677/Au oz.
- 15 year mine life averaging 77k GEOs/year

Category	Tonnes (millions)	Au Grade (g/t)	Contained Au Ounces (000s)	Ag Grade (g/t)	Contained Ag Ounces (000s)	Cu %	Cu tonnes (000s)
<b>Proven &amp; Probable</b>							
Proven	70.4	0.59	1,326	13.7	31,088	0.10	67,691
Probable	21.3	0.46	313	11.7	8,012	0.08	17,821
<b>P&amp;P</b>	<b>91.8</b>	<b>0.56</b>	<b>1,638</b>	<b>13.3</b>	<b>39,100</b>	<b>0.09</b>	<b>85,782</b>
<b>Measured &amp; Indicated</b>							
<b>M&amp;I</b>	<b>201.9</b>	<b>0.44</b>	<b>2,864</b>	<b>12.2</b>	<b>79,103</b>	<b>0.09</b>	<b>187,100</b>
<b>Inferred</b>							
<b>Inferred</b>	<b>5.1</b>	<b>0.43</b>	<b>71</b>	<b>11.9</b>	<b>1,947</b>	<b>0.06</b>	<b>1</b>

## Smart Investment

- Purchase Price: **\$13M**
- Drilling, Met work, PFS: **\$4M**
- Permitting: **\$1M**
- Capex: **\$135M<sup>1</sup>**
- TOTAL: \$153M**

## Leverage to Gold Price<sup>2</sup>

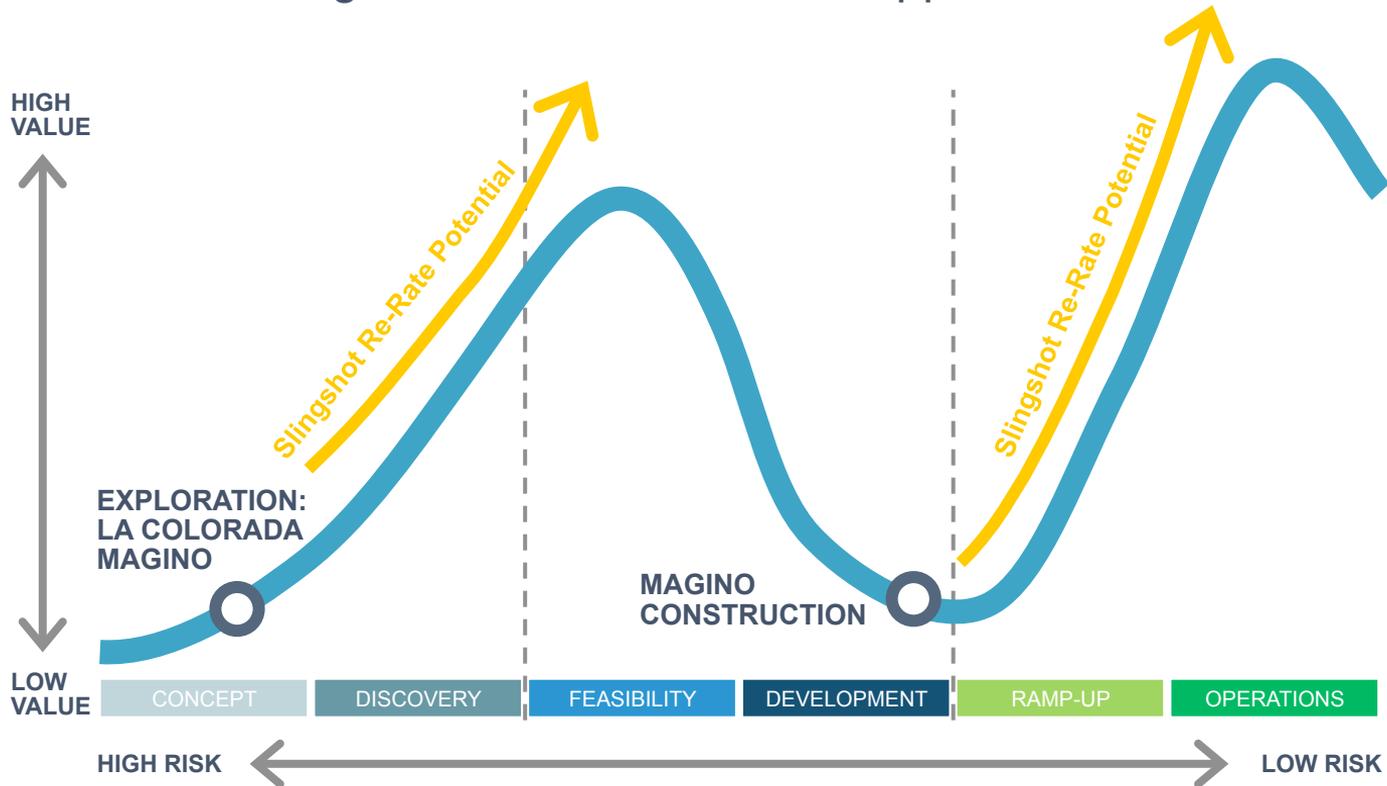
Gold Price	\$1,350	\$1,500	\$1,900
<b>NPV 5%</b>	<b>\$175M</b>	<b>\$214M</b>	<b>\$378M</b>

<sup>1</sup> Please refer to section on slide 37 entitled "Non-IFRS Measures" for a discussion of these Non-IFRS Measures.

<sup>2</sup> Based on the assumptions and parameters of the Cerro del Gallo Pre-Feasibility Study results announced on December 18, 2019.

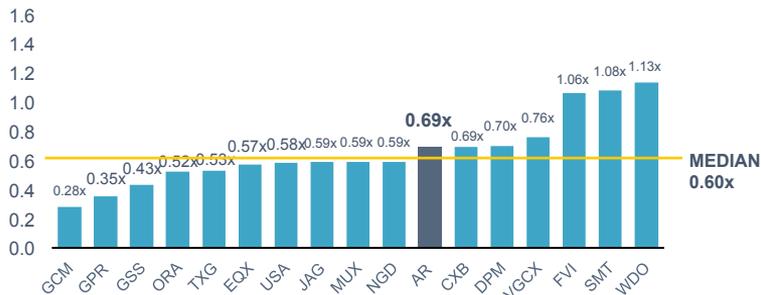


# Lassonde Curve - Slingshot Re-Rate Potential Opportunities



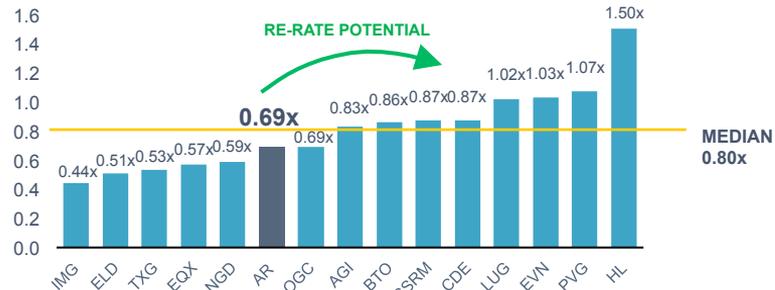
# Precious Metals Producers Comparison

Current Junior Producer Peers



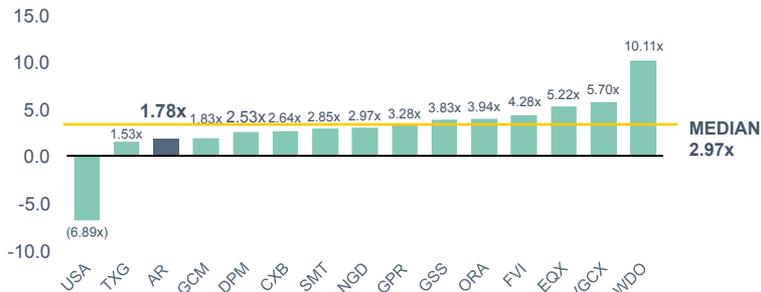
P/NAV

Future Intermediate Peers in 2023

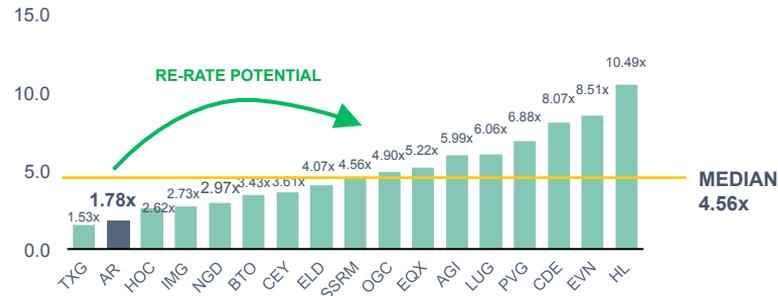


2021 EV/EBITDA

Current Junior Producer Peers



Future Intermediate Peers in 2023



SOURCE: FactSet Analyst Consensus at August 31, 2021



## Potential Near-Term Catalysts

- **Magino Construction Progress**
  - Monthly newsletter and quarterly press release updates
- **Magino Exploration**
  - Targeting high-grade gold mineralization at depth
- **La Colorada Exploration**
  - Targeting the down dip extension of gold and silver veins below the El Créston pit
- **Florida Canyon**
  - Adding conveying & stacking system from crusher to leach pads to significantly reduce operating costs





ARGONAUT GOLD

TSX:AR

Diversified Intermediate Producer and Developer in North America

## ADDITIONAL INFORMATION

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[www.ArgonautGold.com](http://www.ArgonautGold.com)



# Notes and Disclosures

Argonaut Gold is a Canadian gold company engaged in exploration, mine development and production. Its primary assets are the El Castillo mine and San Agustin mine, which together form the El Castillo Complex in Durango, Mexico, the La Colorada mine in Sonora, Mexico and the Florida Canyon mine in Nevada, USA. The Company also holds the construction stage Magino project, the advanced exploration stage Cerro del Gallo project and several other exploration stage projects, all of which are located in North America.

## QUALIFIED PERSON

Technical information included in this presentation was supervised and approved by Brian Arkell, Argonaut Gold's Vice President of Exploration, and a Qualified Person under National Instrument 43-101 – *Standards of Disclosure for Mineral Projects*. ("NI 43-101").

## NATIONAL INSTRUMENT 43-101

Brian Arkell, Argonaut Gold's Vice-President of Exploration and a Qualified Person under NI 43-101, has read and approved the scientific and technical information in this presentation as it relates to Argonaut. This presentation contains information regarding mineral resources that are not mineral reserves and do not have demonstrated economic viability.

## CAUTIONARY NOTE TO U.S. INVESTORS CONCERNING ESTIMATES OF MEASURED, INDICATED AND INFERRED RESOURCES

This presentation uses the terms "Measured", "Indicated" and "Inferred" Resources as defined in accordance with NI 43-101. United States readers are advised that while such terms are recognized and required by Canadian securities laws, the United States Securities and Exchange Commission does not recognize them. Under United States standards, mineralization may not be classified as a "reserve" unless the determination has been made that the mineralization could be economically and legally produced or extracted at the time the reserve calculation is made. United States readers are cautioned not to assume that all or any part of the mineral deposits in these categories will ever be converted into reserves. In addition, "Inferred Resources" have a great amount of uncertainty as to their existence, and as to their economic and legal feasibility. It cannot be assumed that all or any part of an Inferred Resource will ever be upgraded to a higher category. United States readers are also cautioned not to assume that all or any part of an Inferred Resource exists, or is economically or legally mineable.

## NON-IFRS MEASURES

The Company has included certain non-IFRS measures including "Cash cost per gold ounce sold", "All-in sustaining cost per gold ounce sold", "Adjusted net income" and "Adjusted earnings per share - basic" in this presentation to supplement its financial statements which are presented in accordance with IFRS. The Company believes that these measures provide investors with an alternate view to evaluate the performance of the Company by providing information on control of production costs, trends in cash costs of the Company and the underlying operating performance of the core mining business. Management also uses these measures to monitor internal performance. Non-IFRS measures do not have any standardized meaning prescribed under IFRS. Therefore, they may not be comparable to similar measures employed by other companies. The data is intended to provide additional information and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS.

Please see the management's most recent discussion and analysis ("MD&A") for full disclosure on non-IFRS measures.

This presentation should be read in conjunction with the Company's unaudited interim condensed consolidated financial statements for the three and six months ended June 30, 2021 and associated MD&A, for the same period, which are available from the Company's website, [www.argonautgold.com](http://www.argonautgold.com), in the "Investors" section under "Financial Filings", and under the Company's profile on SEDAR at [www.sedar.com](http://www.sedar.com).



# Mineral Resource Notes and Disclosures

- (1) Mineral Reserves and Mineral Resources have been estimated as at December 31, 2020 in accordance with National Instrument ("NI") 43-101 as required by Canadian securities regulatory authorities. Mineral Resources are presented inclusive of Mineral Reserves. Numbers may not sum due to rounding.
- (2) The Mineral Reserves for El Castillo and San Agustin, which together form the El Castillo Complex, set out in the above table are based on updated models, mine plans and topography, including depletion through mining activities and changes to recovery and cost assumptions as of December 31, 2020. El Castillo used a gold price of \$1,500 per ounce; San Agustin used a gold price of \$1,500 per ounce and silver price of \$18.75 per ounce. Cut-off grades for El Castillo range from 0.10 g/t Au to 0.51 g/t Au depending on ore type; cut-off grades at San Agustin were 0.13 g/t Au.
- (3) The Mineral Reserves for La Colorada set out in the above table are based on updated models, mine plans and topography as well as updated recoveries and cost assumptions as of December 31, 2020. La Colorada used a gold price of \$1,500 per ounce and a silver price of \$18.75 per ounce. Cut-off grade for La Colorada was 0.11 g/t gold equivalent ("AuEQ").
- (4) The Mineral Reserves for Florida Canyon set out in the above table are based on updated models, mine plans and topography as well as updated recoveries and cost assumptions as of December 31, 2020. Florida Canyon used a gold price of \$1,500 per ounce. Cut-off grade for Florida Canyon was 0.17 g/t Au.
- (5) The Mineral Reserves for the Magino Project set out in the table above were taken from the Magino Technical Report. The Mineral Reserves were estimated at a gold price of \$1,200 per ounce. The Mineral Reserves used a gold cutoff grade of 0.41 g/t.
- (6) The Mineral Reserves for Cerro del Gallo set out in the table above were taken from the Cerro del Gallo Technical Report. The Mineral Reserves were estimated at a gold price of \$1,200 per ounce and a silver price of \$14.50 per ounce. The Mineral Reserves used a gold cutoff grade of between 0.30 g/t AuEQ and 0.39 g/t AuEQ depending on ore type.
- (7) The Mineral Reserves for Ana Paula set out in the table above were taken from the Ana Paula Technical Report. The Mineral Reserves were estimated at a gold price of \$1,200 per ounce and a silver price of \$17.00 per ounce. The Mineral Reserves used a gold cutoff grade of 0.67 g/t Au.
- (8) The M&I Mineral Resources and Inferred Mineral Resources for El Castillo and San Agustin, which together form the El Castillo Complex, set out in the above table were based on pit cones using \$1,800 per ounce gold and \$22.50 per ounce silver. Cut-off grades range from 0.08 g/t Au to 0.43 g/t Au for El Castillo and 0.10 to 0.23 g/t AuEQ for San Agustin, depending on ore type.
- (9) The M&I Mineral Resources and Inferred Mineral Resources for La Colorada set out in the above table were based on pit cones using \$1,800 per ounce gold and \$22.50 per ounce silver. Cut-off grade was 0.09 g/t AuEQ.
- (10) The M&I Mineral Resources and Inferred Mineral Resources for Florida Canyon set out in the above table were based on pit cones using \$1,800 per ounce gold. Cut-off grade was 0.15 g/t Au.
- (11) The M&I Mineral Resources and Inferred Mineral Resources for the Magino Project set out in the table above were taken from the Magino Technical Report. The Mineral Resources were estimated at a gold price of \$1,300 per ounce. The Mineral Resources used a gold cutoff of 0.25 g/t.
- (12) The M&I Mineral Resources and Inferred Mineral Resources for the Cerro del Gallo Project set out in the table above were taken from the Cerro del Gallo Technical Report. The Mineral Resources were estimated at a gold price of \$1,600 per ounce and a silver price of \$20.00 per ounce. Cut-off grades range from 0.25 g/t AuEQ to 0.30 g/t AuEQ depending on ore type.
- (13) The M&I Mineral Resources and Inferred Mineral Resources for Ana Paula set out in the table above were taken from the Ana Paula Technical Report. The Mineral Resources were estimated at a gold price of \$1,350 per ounce and a silver price of \$17.00 per ounce. The Mineral Resources used a gold cutoff grade of 0.60 g/t Au for the Mineral Resources amenable to open pit extraction and 1.65 g/t Au for the Mineral Resources amenable to underground extraction.
- (14) The M&I Mineral Resources and Inferred Mineral Resources for the San Antonio Project set out in the table above were taken from the San Antonio Technical Report. The Mineral Resources were estimated at a gold price of \$1,500 per ounce using a cutoff grade of 0.11 g/t Au for oxide and transition and 0.15 g/t Au for sulphide.



# Consolidated Mineral Resources & Mineral Reserves<sup>(1)</sup>

MINERAL RESERVES		PROVEN & PROBABLE						
Project	Category	Tonnes (Millions)	Au Grade (g/t)	Contained Au Ounces (000s)	Ag Grade (g/t)	Contained Ag Ounces (000s)	Cu Grade (% Cu)	Contained Tonnes Cu
El Castillo <sup>2</sup>	Proven	0.2	0.51	4				
El Castillo <sup>2</sup>	Probable	17.1	0.36	199				
San Agustin <sup>2</sup>	Probable	47.2	0.30	448	9.4	14,278		
<b>El Castillo Complex<sup>2</sup></b>	<b>Proven &amp; Probable</b>	<b>64.5</b>	<b>0.31</b>	<b>651</b>		<b>14,278</b>		
<b>La Colorada<sup>3</sup></b>	<b>Probable</b>	<b>24.1</b>	<b>0.58</b>	<b>453</b>	<b>8.6</b>	<b>6,702</b>		
Florida Canyon <sup>4</sup>	Proven	59.9	0.43	822				
Florida Canyon <sup>4</sup>	Probable	10.9	0.38	132				
<b>Florida Canyon<sup>4</sup></b>	<b>Proven &amp; Probable</b>	<b>70.8</b>	<b>0.42</b>	<b>954</b>				
Magino <sup>5</sup>	Proven	24.2	1.03	804				
Magino <sup>5</sup>	Probable	34.7	1.19	1,332				
<b>Magino<sup>5</sup></b>	<b>Proven &amp; Probable</b>	<b>58.9</b>	<b>1.13</b>	<b>2,136</b>				
Cerro del Gallo <sup>6</sup>	Proven	70.4	0.59	1,326	13.7	31,088	0.10	67,691
Cerro del Gallo <sup>6</sup>	Probable	21.3	0.46	313	11.7	8,012	0.08	17,821
<b>Cerro del Gallo<sup>6</sup></b>	<b>Proven &amp; Probable</b>	<b>91.8</b>	<b>0.56</b>	<b>1,638</b>	<b>13.3</b>	<b>39,100</b>	<b>0.09</b>	<b>85,512</b>
Ana Paula <sup>7</sup>	Proven	6.5	2.62	550	5.3	1,115		
Ana Paula <sup>7</sup>	Probable	6.9	2.12	471	5.1	1,139		
<b>Ana Paula<sup>7</sup></b>	<b>Proven &amp; Probable</b>	<b>13.4</b>	<b>2.36</b>	<b>1,021</b>	<b>5.2</b>	<b>2,254</b>		
<b>Consolidated Mineral Reserves</b>	<b>Proven &amp; Probable</b>	<b>323.4</b>	<b>0.66</b>	<b>6,854</b>	<b>N/A</b>	<b>62,334</b>	<b>N/A</b>	<b>85,512</b>
MINERAL RESOURCES		MEASURED & INDICATED ("M&I")						
El Castillo <sup>8</sup>	M&I	40.4	0.34	447				
San Agustin <sup>8</sup>	Indicated	65.6	0.27	579	8.4	17,651		
<b>El Castillo Complex<sup>8</sup></b>	<b>M&amp;I</b>	<b>106.0</b>	<b>0.30</b>	<b>1,026</b>		<b>17,651</b>		
La Colorada <sup>9</sup>	Indicated	35.0	0.56	631	8.2	9,270		
Florida Canyon <sup>10</sup>	M&I	86.0	0.42	1,161				
Magino <sup>11</sup>	M&I	144.0	0.91	4,197				
Cerro del Gallo <sup>12</sup>	M&I	201.9	0.44	2,864	12.2	79,103	0.09	187,100
Ana Paula open pit <sup>13</sup>	M&I	18.0	2.06	1,195	4.9	2,865		
Ana Paula underground <sup>13</sup>	M&I	3.0	2.80	267	4.2	404		
San Antonio <sup>14</sup>	M&I	65.0	0.86	1,735				
<b>Consolidated Mineral Resources</b>	<b>Measured &amp; Indicated</b>	<b>658.9</b>	<b>0.62</b>	<b>13,076</b>	<b>N/A</b>	<b>109,293</b>	<b>N/A</b>	<b>187,100</b>
<i>Measured and indicated Mineral Resources are inclusive of Mineral Reserves</i>								
MINERAL RESOURCES		INFERRED						
El Castillo <sup>8</sup>	Inferred	1.8	0.35	20				
San Agustin <sup>8</sup>	Inferred	2.1	0.36	25	8.7	603		
<b>El Castillo Complex<sup>8</sup></b>	<b>Inferred</b>	<b>3.9</b>	<b>0.36</b>	<b>45</b>		<b>603</b>		
La Colorada <sup>9</sup>	Inferred	1.4	0.53	23	10.9	480		
Florida Canyon <sup>10</sup>	Inferred	5.8	0.29	54				
Magino <sup>11</sup>	Inferred	33.2	0.83	886				
Cerro del Gallo <sup>12</sup>	Inferred	5.1	0.43	71	11.9	1,947	0.06	1
Ana Paula open pit <sup>13</sup>	Inferred	0.2	1.27	10	8.8	70		
Ana Paula underground <sup>13</sup>	Inferred	0.6	2.07	41	3.9	79		
San Antonio <sup>14</sup>	Inferred	6.2	0.34	67				
<b>Consolidated Mineral Resources</b>	<b>Inferred</b>	<b>56.0</b>	<b>0.65</b>	<b>1,170</b>	<b>N/A</b>	<b>3,094</b>	<b>N/A</b>	<b>1</b>

<sup>1</sup> Please refer to slide titled "Mineral Resource Notes and Disclosure" for notes and disclosures.

# Strong Board, Management & Technical

**Argonaut launched in December 2009 by former Meridian Gold Inc. management**  
Meridian Gold history: Launched in 1996 at <\$3.00 per share & Sold in 2007 >\$38.00

## Board of Directors

### **James E. Kofman, Chairman**

Vice Chairman, Cormark Securities  
Work experience at UBS Securities, Osler, Hoskin & Harcourt

### **Peter C. Dougherty**

Work experience at Meridian Gold, FMC

### **Ian Atkinson**

Director of Kinross Gold, Globex Mining and Wolden Resources  
Work experience at Centerra, Hecla, Battle Mountain, Hemlo, Noranda

### **Stephen Lang**

Work experience at Centerra, Stillwater Mining, Barrick, Rio Algom and Kinross/Amax

### **Peter Mordaunt**

Work experience at Barrick/Camflo, Kennecott Copper, Muscocho, Stingray Copper, Corner Bay Silver

### **Dale Peniuk**

Director of Lundin Mining, Capstone Mining  
Work experience at KPMG

### **Paula Rogers**

Work experience at Castle Peak Mining, Goldcorp, Wheaton River and Finning International

### **Audra Walsh**

CEO of MATSA (Minas de Aguas Tenidas SA),  
Director of Calibre Mining  
Work experience at Sierra Metals, Minersa SA, Barrick, Newmont

## Strong Management & Technical Team

### **Peter C. Dougherty, President & CEO**

Work experience at Meridian Gold, FMC

### **David A. Ponczoch, CFO**

Work experience at Twin Metals Minnesota, Yamana Gold, Meridian Gold

### **W. Robert Rose, Vice President of Technical Services**

Work experience at Andina Minerals, Kappes, Cassiday & Associates

### **Daniel A. Symons, Vice President, Corporate Development & Investor Relations**

Work experience at Romarco Minerals, Renmark Financial

### **Brian Arkell, Vice President, Exploration**

Work experience at Caza Gold Corp., Rio Novo Gold Inc. and Newmont Mining Co.



# Top 10 Shareholders



**GMT Capital Corporation (U.S.)**



**NewGen Asset Management**



**Van Eck Associated Corporation**



**Konwave AG**



**Donald Smith & Company, Inc**



**Lemanik Asset Management S.A.**



**Connor Clark & Lunn Investment Management, LTD.**

MUIR STATION, LLC

**Muir Station Capital**



**Global Asset Management**

**RBC Global Asset Management, Inc.**



**Dimensional Fund Advisors, L.P. (US.)**



**75% Institutionally held**



**Top 10 hold 47%**



**YTD Average Daily Volume = 2.2M shares**



## Analyst Coverage

	Paradigm Capital	C\$6.50
	Cormark Securities	C\$5.50
	Laurentian Bank	C\$5.00
	Stifel GMP	C\$5.00
	Echelon Capital Markets	C\$4.30
	Bank of Montreal (BMO)	C\$4.25
	Desjardins	C\$4.25
	Royal Bank of Canada (RBC)	C\$4.25
	Scotiabank	C\$4.25
	Canaccord Genuity Corp.	C\$4.00

**Consensus Analyst 12-month Target Price**

**C\$4.73**



# Capitalization Summary

Exchange / Symbol	<b>TSX:AR</b>
Share Price <sup>(1)</sup>	<b>C\$3.15</b>
Shares Outstanding <sup>(2)</sup>	<b>311M</b>
FD Shares Outstanding <sup>(2)</sup>	<b>322M</b>
Market Capitalization <sup>(1)</sup>	<b>C\$980M</b>
52 Week High / Low <sup>(1)</sup>	<b>C\$3.45 / C\$1.90</b>
Cash Balance <sup>(2)</sup>	<b>US\$216M</b>
Debt <sup>(2)</sup>	<b>US\$M</b>

<sup>1</sup> At Aug. 31, 2021

<sup>2</sup> At June 30, 2021



# 2021 Capital Guidance

## Updated 2021 Capital Guidance

	First Half 2021 Accruals	Original Full Year 2021 Guidance	Updated Full Year 2021 Guidance
<b>Capital (including exploration and excluding Magino construction capital)<sup>2</sup></b>	\$33.4M	\$75M - \$85M	\$65M - \$75M
<b>Magino construction capital<sup>2</sup></b>	\$103.2M	\$180M - \$190M	\$190M - \$200M



Reduced spend at La Colorada by ~\$10M and increased spend at Magino by ~\$10M.

<sup>1</sup> Please refer to section on slide 37 entitled "Non-IFRS Measures" for a discussion of these Non-IFRS Measures.

<sup>2</sup> Assumes exchange rates of MXN:USD of 20:1 and CAD:USD of 1.25:1.

