

## **Corporate Presentation**

**JANUARY 2020** 







## Why Monarch?



# Wasamac deposit

# LOW-COST HIGH-RETURN GOLD PROJECT WITH STRONG UPSIDE POTENTIAL

Projected 142,000 ounces/year over 11 years Pre-tax **\$522M NPV** and **23.6% IRR** (based on <u>US\$1,300 gold</u>)

## Strong asset base

**4.3 million ounces** of gold resources 6 advanced gold projects 2 functional mills (2,350 tpd)

## **Attractive valuation**

\$16/oz vs peer average of \$57/oz<sup>1</sup> \$59 million market cap<sup>1</sup>



## **Our Strategy**

## Wasamac deposit

### **OUR MAIN FOCUS**

Started 2-year permitting process in December 2019 Currently in discussions to partner the project

### **Abitibi assets**

Looking at partnering/developing our other 5 advanced projects to feed our 2 functional mills (valued at over \$50 million)

### Other assets

Monetize our non-core assets via optioning, cash, share or royalty agreements





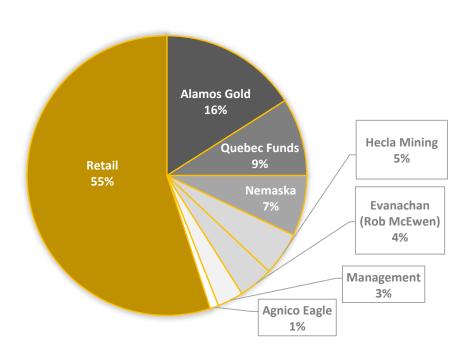
# **Capital Structure**

Tight float as 55% of the shares are controlled by 10 entities

## **Solid financial position**

Shares outstanding	261.1 million
Options (average exercise price: \$0.29)	11.6 million
Warrants (average exercise price: \$0.50)	11.5 million
Fully diluted shares (as of November 7, 2019)	284.2 million
Share price (as at December 31, 2019)	\$0.225
High - low (52 weeks)	\$0.325 - \$0.195
Market capitalization	\$59 million
Cash and short-term investments (as at September 30, 2019)	\$8.6 million

## **Strong mining partners**





## **Management Team and Board**

- Strong track record of mine discovery: Magino, Detour Lake, Island Gold, etc.
- Experienced in exploration, development and operations
- Vast network in mining and financial capital markets

### **Management Team**

**Jean-Marc Lacoste** 

President and Chief Executive Officer

Alain Lévesque, CPA, CA

Chief Financial Officer

Mathieu Séguin, CFA

Vice President, Corporate Development

Marc-André Lavergne, Eng.

Vice President, Operations and Community Relations

Lucie Desjardins, LLB

Director, Legal Affairs and Corporate Secretary

Elisabeth Tremblay, P. Geo., M.Sc.A.

Senior Geologist / Communications

Ronald G. Leber, P. Geo.

**Chief Exploration Geologist** 

### **Board of Directors**

Michel Bouchard

Chairman of the Board \*

**Jean-Marc Lacoste** 

Director

**Michel Baril** 

Director \*

**Guy Bourassa** 

Director and Secretary

**Laurie Gaborit** 

Director

**Christian Pichette** 

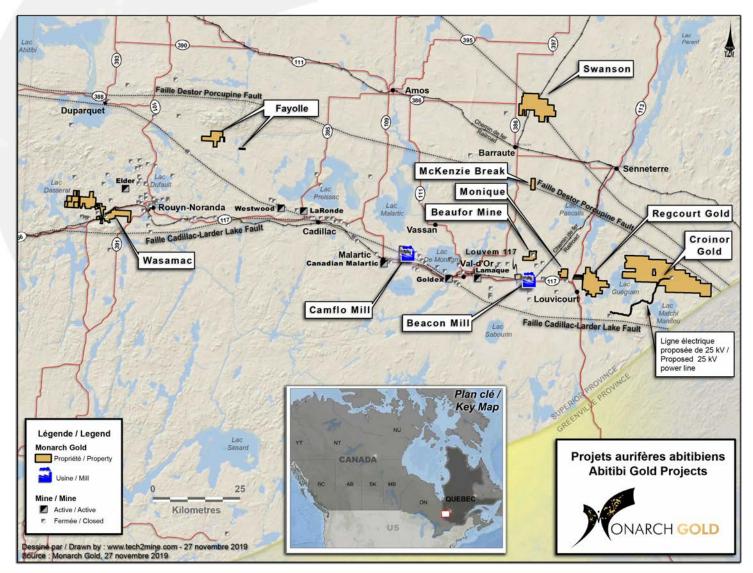
Director \*



<sup>\*</sup> Member of the audit committee

## Over 300 km<sup>2</sup> of Mining Assets

Abitibi - historical production of over 125 million ounces of gold



## **Wasamac Deposit**

### Low-cost high-return gold project

### **Underground shear-hosted deposit**

- Located 15 km west of Rouyn-Noranda, QC
- Resources (M&I): 2.6 million ounces at 2.70 g/t Au
- Reserves (P&P): 1.8 million ounces at 2.56 g/t Au

### Feasibility study results (US\$1,300 gold price)

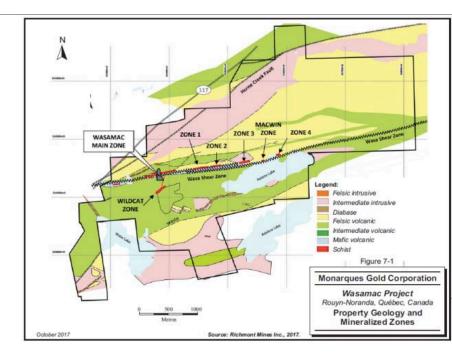
- Production of 142,000 oz/year over 11 years
- \$522M NPV and 23.6% IRR (all pre-tax)
- US\$550/oz production cash costs
- US\$630/oz all-in-sustaining costs
- CAPEX of \$464 million (incl. \$230 million for mill and tailings facility)
- 3.6 years payback

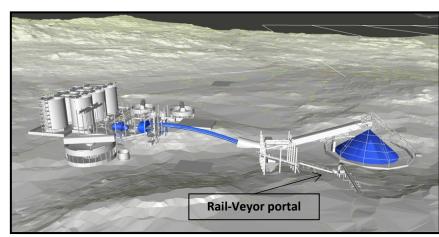
### Strategic advantages

- Faster permitting process (2 years vs 5-6 years for the rest of Canada)
- Excellent exploration potential in all directions
- Located at proximity to railroad and highway

### **Next steps**

- Started permitting process on December 2, 2019
- Conclude financing partnership

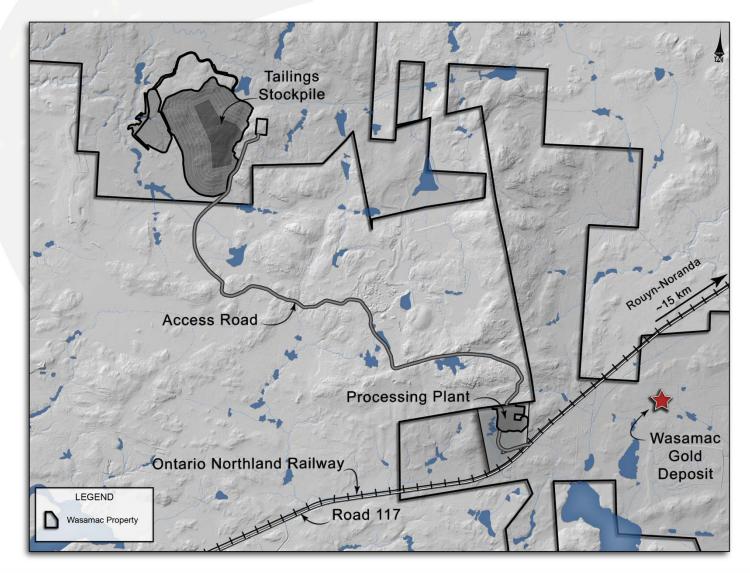






## **Wasamac Infrastructure Location**

Next to railway and highway





## **Wasamac Infrastructure**

Overview of the surface infrastructure and the treatment plant





# **Wasamac Rail-Veyor System**

### Key element in feasibility study

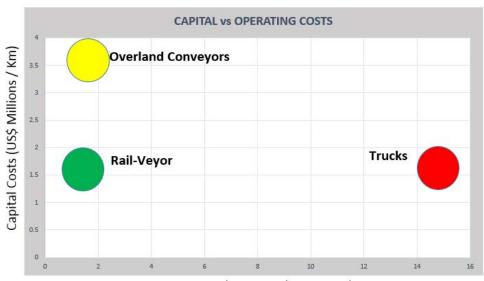
Proven, cost-effective technology:

### **Capital costs**

- Similar to trucks
- > 50% of conveyors

### **Operating costs**

- > 10-20% of trucks
- > 80% of conveyors
- Other mines using Rail-Veyor: Goldex (Agnico-Eagle), Phakisa (Harmony Gold), Vale, etc.



Operating Costs (US cents / Tonne Km)





# **Wasamac Comparables**

Deposit comparable to Goldex and Young-Davidson mines

	<b>Goldex</b> (Agnico Eagle)	Young-Davidson (Alamos Gold)	Wasamac (Monarch Gold)
Stage	Production	Production	Feasibility
Deposit type	Stockwork veins	Stockwork veins	Shear-hosted
Depth (m)	800 - 1,500	750 - 1,500	0 - 800
Reserves (proven and probable)	886,000 ounces	3,687,000 ounces	1,767,000 ounces
Mining method	Long hole	Transverse long hole	Transverse long hole
Mining rate	5,100 tpd	8,000 tpd	6,000 tpd
Head grade (g/t Au)	1.64	2.65	2.56
Mining dilution	15%	10% - 20%	16.2%
Operating cost/NSR	\$41/t	\$53.50/t	\$50.24/t
Production	121,167 ounces (2018)	180,000 ounces (2018)	142,000 ounces (per year LOM)

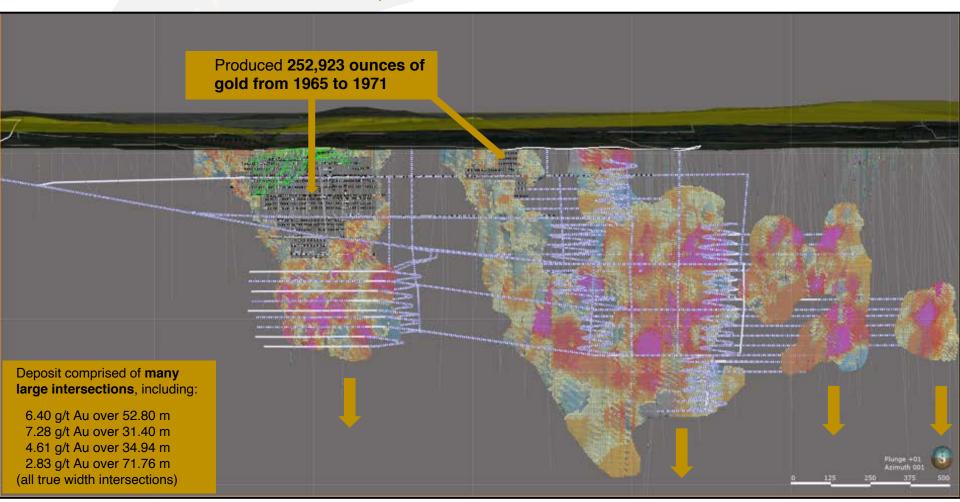


**Uses Rail-Veyor technology** 



# **Wasamac Exploration Potential**

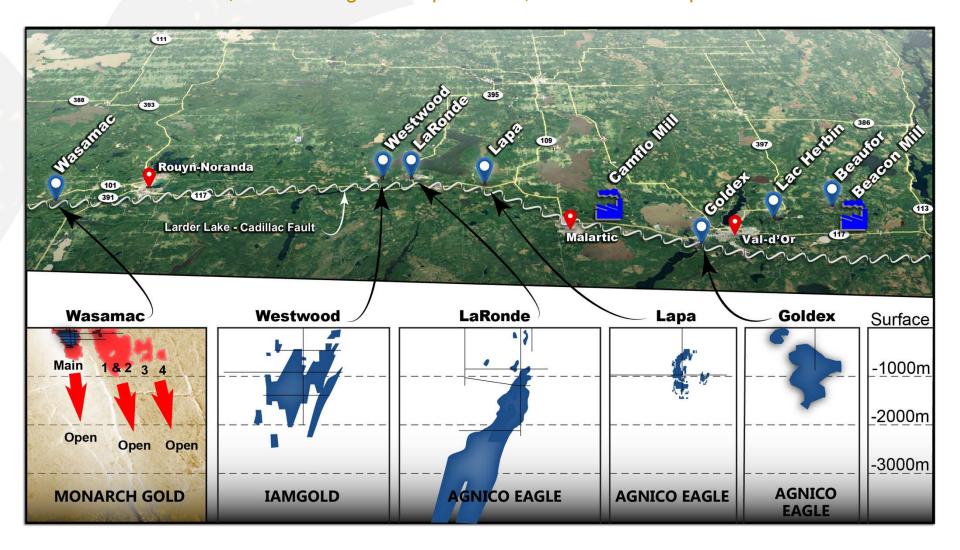
Potential to increase resources at depth





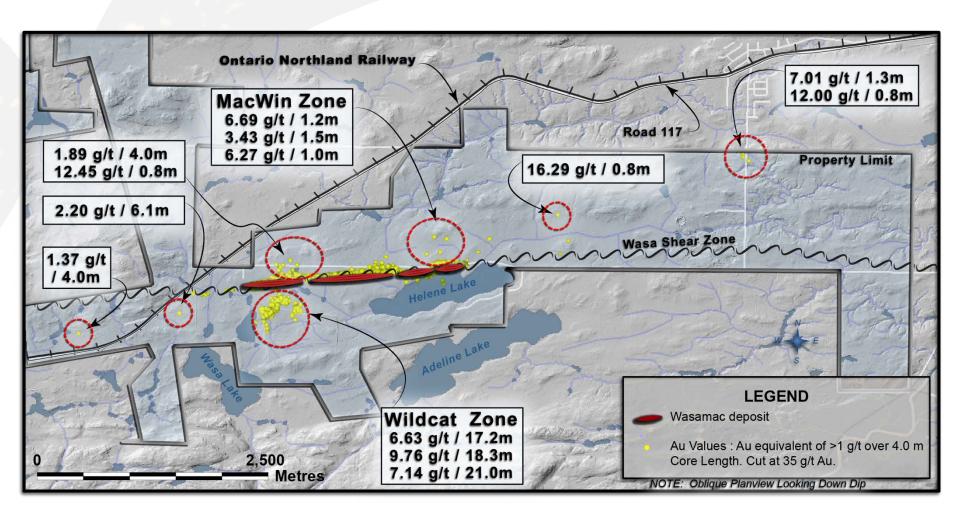
## **Wasamac Exploration Potential**

Drilled to 800 metres, whereas regional deposits > 1,000 metres in depth



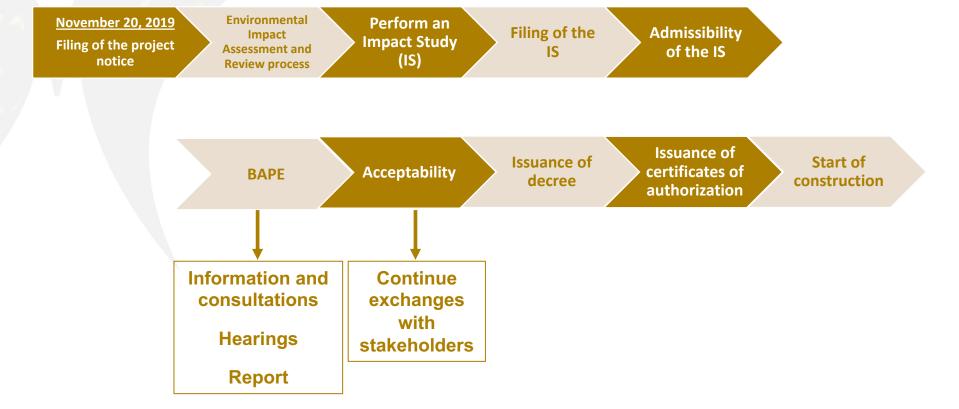
## **Wasamac Exploration Potential**

Potential to increase resources in all directions



## **Wasamac Permitting Process**

2-year process supervised by Quebec government

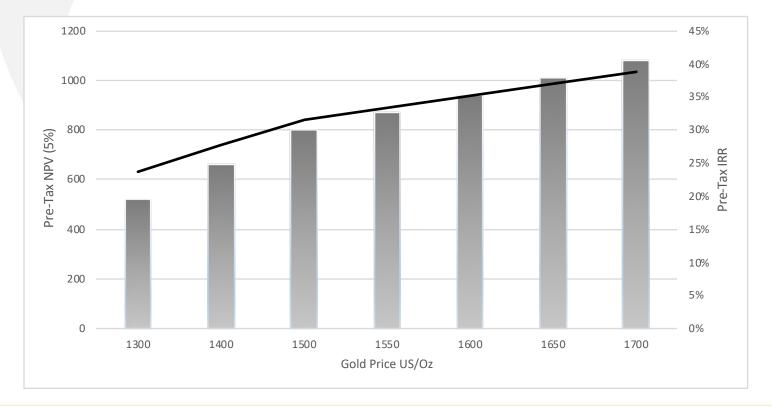


# **Wasamac Economic Potential**

### Sensitivity analysis

Gold Price (US/oz)	\$1,300	\$1,400	\$1,500
Pre-Tax NPV 5% (\$M)	521.5	661.1	800.7
After-Tax NPV 5% (\$M)	311.1	396.6	479.3
Pre-Tax IRR	23.6%	27.7%	31.5%
After-Tax IRR	18.5%	21.8%	24.7%

\$1,550	\$1,600	\$1,650	\$1,700
870.5	940.3	1010.1	1079.9
520.2	561.0	601.1	641.0
33.4%	35.2%	37.0%	38.8%
26.2%	27.6%	28.9%	30.2%





# **Growing our Abitibi Assets**

### Monarch Gold owns 5 other advanced projects and 2 mills

ABITIBI ASSETS RESOURCES	Resource category	Tonnes (metric)	Grade (g/t Au)	Ounces
Croinor Gold <sup>1</sup>	M&I	804,600	9.12	236,000
43-101 Feasibility 58 km from Beacon mill	Inferred	160,800	7.42	38,400
<sup>1</sup> Source: Monarques prefeasibility study (January 19	. 2018) and resource est	imate (January 8, 2016	)	
Fayolle <sup>2</sup>	Indicated			111 010
43-101 Resource estimate	maicated	706,400	4.89	111,010
92 km from Camflo mill				
<sup>2</sup> Source: NI 43-101 Mineral Resource estimate of the	Favolle Project August	: 30 2019 Alain Carries	PGeo MSc of Ir	novEvolo Inc
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McKenzie Break <sup>3</sup>	Indicated	1,221,599	2.58	101,581
43-101 Resource estimate	Inferred	574,780	3.46	64,027
62 km from Camflo mill				
<sup>3</sup> Source: NI 43-101 Technical Report on the McKenzie Gaudreault, Eng., of Geologica Groupe-Conseil Inc. a			-	Daniel
Swanson <sup>4</sup>	Indicated	1,752,100	1.85	104,100
43-101 Resource estimate	Inferred	74,000	2.96	7,100
89 km from Camflo mill				
<sup>4</sup> Source: NI 43-101 Technical Report on the Swanson M.Sc., of InnovExplo Inc.	Project, June 20, 2018,	Christine Beausoleil, P.o	Geo., and Alain Carr	ier, P.Geo.,
Beaufor <sup>5</sup>	M&I	346,200	7.67	85,400
43-101 Prefeasibility	Inferred	46,100	8.34	12,400
52 km from Camflo mill				
<sup>5</sup> Source: NI 43-101 Technical Report on the Mineral F 30, 2017, Val-d'Or, Québec, Canada, Carl Pelletier, F			Beaufor Mine as at	September
TOTAL COMBINED	Measured and	d Indicated		638,091

Inferred





121,927

# **Abitibi Assets Strategy**

Favorable market conditions to further advance these gold projects

### **Beaufor Mine**

Seeking partnership to increase reserves and restart mine within a 12- to 18-month timeline.

### **Croinor Gold**

- Fully-permitted.
- Seeking project funding to bring mine into production.

### McKenzie Break

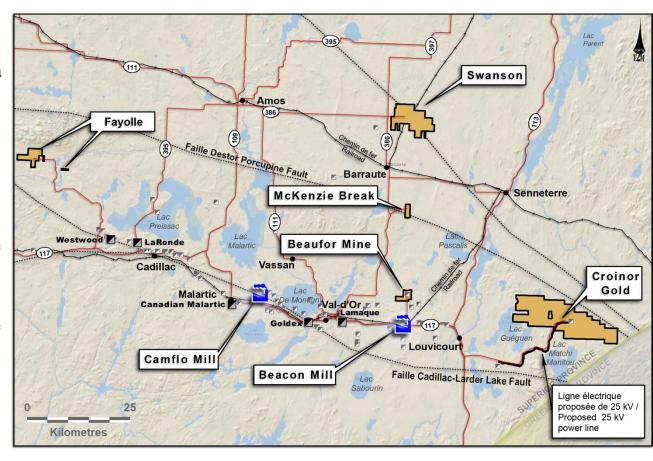
Advancing project with the goal of providing feed to our Camflo mill.

### **Fayolle**

Advancing project with the goal of providing feed to our Camflo mill.

#### **Swanson**

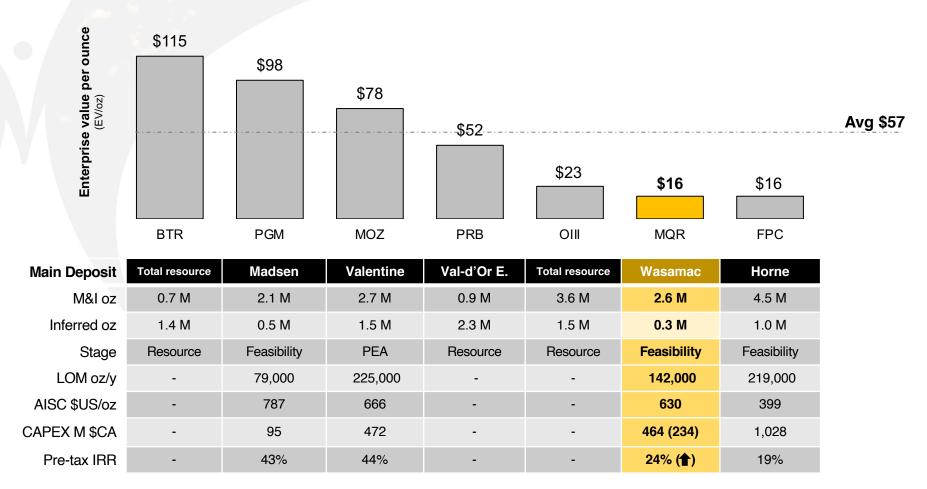
Will need further exploration.





## **Attractive Valuation vs Peers**

Enterprise value per ounce and market capitalization (as at December 31, 2019)



Note: Enterprise value (EV) taken from Yahoo Finance.

EV/oz = EV / (100% total M&I resources + 50% total Inferred resources)



## Annex 1 – Wasamac Feasibility Study

### Summary

Description	Unit	Value
Long term gold price	US\$/oz	1,300
Exchange rate	C\$:US\$	1.31
Total tonnes mined	M Tonnes	21.5
Average diluted gold grade	g/t	2.56
Average gold recovery rate	%	88.2
Total gold contained	koz	1,767
Total gold production	koz	1,558
Average annual gold production	oz per year	142,000
Mine life	year	11
Production cash costs	\$/oz	720
Production cash costs	US\$/oz	550
All-in sustaining costs (AISC)	\$/oz	826
All-in sustaining costs (AISC)	US\$/oz	630
Estimated capital expenditure		
Total preproduction capital cost	\$M	464
Sustaining capital	\$M	175
Site restoration cost	\$M	6
Salvage value	\$M	(16)
Pre-tax summary		
NPV (5%)	\$M	522
IRR	%	23.6
Payback period	years	3.6
After-tax summary		
NPV (5%)	\$M	311
IRR	%	18.5
Payback period	years	3.9

Source: NI 43-101 Technical Report, Feasibility Study of the Wasamac Project, Rouyn-Noranda, Quebec, Canada, December 3, 2018, prepared by Carl Caumartin, P.Eng., BBA Inc., Alain Dorval, P.Eng., BBA Inc., John Henning, P.Eng., BBA Inc., Richard Jundis, P.Eng., BBA Inc., Luciano Piciacchia, P.Eng., BBA Inc. and Tudorel Ciuculescu, M.Sc., P.Geo., Roscoe Postle Associates Inc.

### Sensitivity analysis

The project's sensitivity to the price of gold shows that an increase of just 20% in the price of gold brings the pre-tax NPV close to \$900 million and the IRR above 30%. Concurrently, a drop in the price of gold of 20% would keep the project comfortably above the break-even level of \$925 and the IRR would still post a low double-digit return.

#### **Pre-tax NPV 5%**

CAD:USD	Gold Price (US\$/oz)							
CAD:05D	\$1,000	\$1,100	\$1,200	\$1,250	\$1,300	\$1,400	\$1,500	\$1,600
1.11	(109.2)	9.2	127.6	186.8	246.0	364.4	482.8	601.2
1.18	(39.6)	85.8	211.2	273.9	336.5	461.9	587.3	712.7
1.25	38.8	172.0	305.2	371.8	438.4	571.6	704.8	838.0
1.31	102.7	242.3	381.9	451.7	521.5	661.1	800.7	940.3
1.43	229.1	381.3	533.6	609.7	685.8	838.0	990.3	1,142.5
1.54	346.2	510.1	674.1	756.1	838.0	1,002.0	1,165.9	1,329.9
1.67	482.8	660.4	838.0	926.8	1,015.6	1,193.2	1,370.8	1,548.5

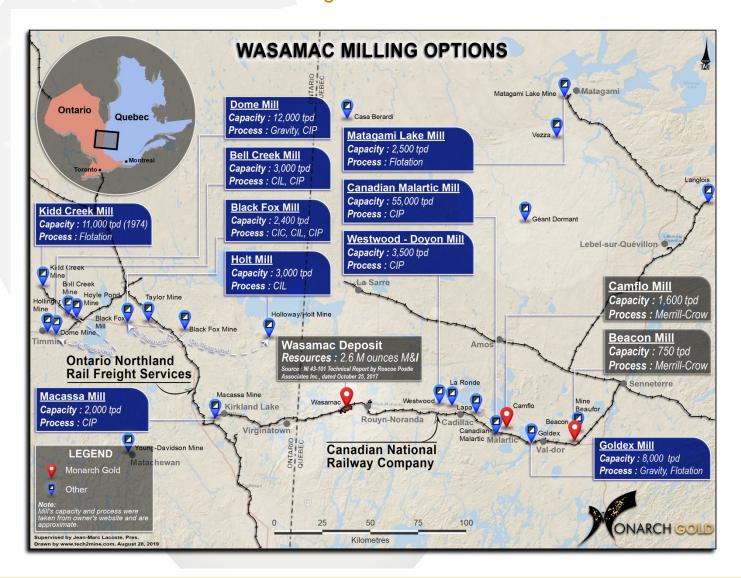
### **Pre-tax IRR**

CAD:USD	Gold Price (US\$/oz)							
CAD.USD	\$1,000	\$1,100	\$1,200	\$1,250	\$1,300	\$1,400	\$1,500	\$1,600
1.11	(0.2%)	5.4%	10.3%	12.5%	14.6%	18.6%	22.4%	25.9%
1.18	3.2%	8.6%	13.4%	15.6%	17.7%	21.7%	25.5%	29.1%
1.25	6.7%	11.9%	16.7%	18.9%	21.0%	25.1%	28.9%	32.5%
1.31	9.3%	14.5%	19.2%	21.4%	23.6%	27.7%	31.5%	35.2%
1.43	14.0%	19.2%	23.9%	26.2%	28.4%	32.5%	36.5%	40.3%
1.54	18.0%	23.2%	28.0%	30.3%	32.5%	36.8%	40.9%	44.8%
1.67	22.4%	27.6%	32.5%	34.9%	37.2%	41.6%	45.8%	49.8%



# **Annex 2 – Wasamac Milling Options**

Potential alternative scenario: custom milling





## **Annex 3 – Total Combined Resources**

	Tonnes (metric)	Grade (g/t Au)	Ounces
Wasamac property <sup>1</sup>			
Measured Resources	3.99 M	2.52	323,300
Indicated Resources	25.87 M	2.72	2,264,500
Total Measured and Indicated	29.86 M	2.70	2,587,900
Total Inferred	4.16 M	2.20	293,900
Croinor Gold mine <sup>2</sup>			
Measured Resources	80,100	8.44	21,700
Indicated Resources	724,500	9.20	214,300
Total Measured and Indicated	804,600	9.12	236,000
Total Inferred	160,800	7.42	38,400
Fayolle property <sup>3</sup>			
Indicated Resources (pit constrained)	405,600	5.42	70,630
Indicated Resources (underground)	300,800	4.17	40,380
Total Indicated	706,400	4.89	111,010
McKenzie Break property <sup>4</sup>			
Indicated Resources (pit constrained)	939,860	1.59	48,133
Indicated Resources (underground)	281,739	5.90	53,448
Total Indicated	1,221,599	2.58	101,581
Total Inferred	574,780	3.46	64,027
Swanson property <sup>5</sup>			
Indicated Resources (pit constrained)	1,694,000	1.80	98,100
Indicated Resources (underground)	58,100	3.17	5,900
Total Indicated	1,752,100	1.85	104,100
Total Inferred	74,000	2.96	7,100
Beaufor Mine <sup>6</sup>			
Measured Resources	74,400	6.71	16,100
Indicated Resources	271,700	7.93	69,300
Total Measured and Indicated	346,200	7.67	85,400
Total Inferred	46,100	8.34	12,400
Monique property <sup>7,8</sup>			
Total Inferred	9,126,500	2.25	661,400
TOTAL COMBINED <sup>9</sup> Measured and Indicated Resources Inferred Resources			3,225,991 1,077,227

<sup>&</sup>lt;sup>1</sup> Source: Technical Report on the Wasamac Project, Rouyn-Noranda, Québec, Canada, Tudorel Ciuculescu, M.Sc., P.Geo., October 25, 2017, Roscoe Postle Associates Inc.



<sup>&</sup>lt;sup>2</sup> Source: Monarques prefeasibility study (January 19, 2018) and resource estimate (January 8, 2016)

<sup>&</sup>lt;sup>3</sup> Source: NI 43-101 Mineral Resource estimate of the Fayolle Project, August 30, 2019, Alain Carrier, P.Geo., M.Sc., of InnovExplo Inc.

<sup>&</sup>lt;sup>4</sup> Source: NI 43-101 Technical Report on the McKenzie Break Project, April 17, 2018, Alain-Jean Beauregard, P.Geo., and Daniel Gaudreault, Eng., of Geologica Groupe-Conseil Inc. and Christian D'Amours, P.Geo., of GeoPointCom Inc.

<sup>&</sup>lt;sup>5</sup> Source: NI 43-101 Technical Report on the Swanson Project, June 20, 2018, Christine Beausoleil, P.Geo., and Alain Carrier, P.Geo., M.Sc., of InnovExplo Inc.

<sup>&</sup>lt;sup>6</sup> Source: NI 43-101 Technical Report on the Mineral Resource and Mineral Reserve Estimates of the Beaufor Mine as at September 30, 2017, Val-d'Or, Québec, Canada, Carl Pelletier, P. Geo. and Laurent Roy, Eng.

<sup>&</sup>lt;sup>7</sup> Source: NI 43-101 Mineral Resource estimate of the Monique Project as at August 28, 2019, Merouane Rachidi, Ph.D., P.Geo., and Claude Duplessis, Eng. of GoldMinds Geoservices.

<sup>&</sup>lt;sup>8</sup> Probe Metals Inc. may earn a 60% interest in the Monique property by spending an aggregate of \$2,000,000 on exploration before January 2021.

<sup>&</sup>lt;sup>9</sup> Numbers may not add due to rounding.

## **Forward-Looking Statements**

Certain information included in this presentation, including any information as to our future exploration, financial or operating performance and other statements that express management's expectations or estimates of future performance, constitute 'forward-looking statements' within the meaning of the 'safe harbor' provisions of the *United States Private Securities Litigation Reform Act of 1995* and Canadian securities laws. The words 'expect', 'believe', 'will', 'intend', 'estimate' and similar expressions identify forward-looking statements. Forward-looking statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by management, are inherently subject to significant business, economic and competitive uncertainties, risks and contingencies, including the possibility that drill programs will not yield the expected results. The Company cautions the reader that such forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause the actual financial results, performance or achievements of Monarch Gold Corporation to be materially different from the Company's estimated future results, performance or achievements expressed or implied by those forward-looking statements and that the forward-looking statements are not guarantees of future performance. These statements are also based on certain factors and assumptions. For more details on these estimates, risks, assumptions and factors, see the Company's most recent Form 20-F/Annual Information Form on file with the U.S. Securities and Exchange Commission and Canadian provincial securities regulatory authorities. The Company disclaims any obligation to update or revise any forwardlooking statements, whether as a result of new information, events or otherwise, except as expressly required by law. Readers are cautioned not to put undue reliance on these forward-looking statements.

The scientific and technical information contained in this presentation was reviewed and approved by Marc-André Lavergne, Eng., who is a Qualified Person within the meaning of National Instrument 43-101.



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