

TSX.V: OIII OTCQX:OIIIIF

O3 Mining

Corporate
Presentation

December 2024



Cautionary Statement and Technical Information



This presentation (the "Presentation") contains "forward-looking information" and "forward-looking statements" (collectively, "forward-looking statements") within the meaning of the applicable Canadian securities legislation. All statements, other than statements of historical fact, are forward-looking statements and are based on expectations, estimates and projections as at the date of this Presentation. Any statement that involves discussions with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions, future events or performance (often but not always using phrases such as "expects", or "does not expect", "is expected", "anticipates" or "does not anticipate", "plans", "budget", "scheduled", "forecasts", "estimates", "believes" or "intends" or variations of such words and phrases or stating that certain actions, events or results "may" or "could", "would", "might" or "will" be taken to occur or be achieved) are not statements of historical fact and may be forward-looking statements.

In this Presentation, forward-looking statements relate, among other things: the pre-feasibility study for the Marban Alliance project (the "PFS"); the numerous assumptions underlying the PFS, including the mine plan and economic model; the after-tax internal rate of return and net present value modeling of the Marban Alliance project; the capex, life-of-mine and production modeling of the Marban Alliance project; the potential for brownfield value creation; grade estimates; the speculative geology of inferred mineral resources; gold prices; project scope, including mining methodology and infrastructure; processing methodology; the ability, if any, to achieve the project economics described in this Presentation; the mining and processing strategy; the projected infrastructure; the ability, if any, to construct the required infrastructure; the ability, if any, to obtain the required economic and restoration approvals and permits; the current drill program on the Marban Alliance project and the significance of new drill results; potential mineralization; the ability to realize upon any mineralization in a manner that is economic; the ability to complete any proposed exploration activities and the results of such activities, including the continuity or extension of any mineralization; and any other information herein that is not a historical fact may be "forward-looking information".

This "forward-looking information" involves known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of O3 Mining to be materially different from any future results, performance or achievements expressed or implied by such "forward-looking information". Such factors include, among others, risks relating to the ability of exploration activities (including drill results) to accurately predict mineralization; fluctuations in spot and forward prices of gold, silver, base metals or certain other commodities; fluctuations in currency markets (such as the Canadian dollar to United States dollar exchange rate); change in international, national and local government, legislation, taxation, controls, regulations and political or economic developments; relationships with and claims by local communities and indigenous populations; availability of increasing costs associated with mining inputs and labour; the speculative nature of mineral exploration and development (including the risks of obtaining necessary licenses, permits and approvals from government authorities); access to capital; errors in management's geological modelling; the ability of O3 Mining to complete further exploration activities, including drilling; property interests in the Marban Alliance project; the ability of O3 Mining to obtain required approvals and complete transactions on terms announced; the results of exploration activities; risks relating to mining activities; the global economic climate; metal prices; exchange rates; dilution; environmental risks; and community and non-governmental actions.

Although the "forward-looking information" contained in this Presentation is based upon what management believes, or believed at the time, to be reasonable assumptions, O3 Mining cannot assure shareholders and prospective purchasers of securities of O3 Mining that actual results will be consistent with such "forward-looking information", as there may be other factors that cause results not to be as anticipated, estimated or intended, and neither O3 Mining nor any other person assumes responsibility for the accuracy and completeness of any such "forward-looking information".

O3 Mining does not undertake, and assumes no obligation, to update or revise any such "forward-looking information" contained herein to reflect new events or circumstances, except as may be required by law.

Risks and uncertainties about O3 Mining's business are more fully discussed in the disclosure materials filed with the securities regulatory authorities in Canada, which are available on SEDAR (www.sedar.com) under O3 Mining's issuer profile. Readers are urged to read these materials and should not place undue reliance on any forward-looking statement and information contained in this Presentation.

TECHNICAL REPORTS

Marban Alliance Technical Report

The scientific and technical information in this Presentation relating to the PFS on Marban Alliance is supported by the technical report entitled "*Marban Engineering Project NI 43-101 Technical Report & Prefeasibility study, Val-d'Or, Quebec Canada*" and dated October 7, 2022 (with an effective date of August 24, 2022) (the "Marban PFS"), which was prepared for O3 Mining Inc. ("O3 Mining" or the "Company") by Ausenco Engineering Canada Inc., G Mining Services Inc. and WPS Canada Inc. The Marban PFS, which has been prepared in accordance with National Instrument 43-101 – *Standards of Disclosure for Mineral Projects* ("NI 43-101"), is available on SEDAR (www.sedar.com) under O3 Mining's issuer profile. Please refer to the full text of the Marban PFS for details regarding the key assumptions, parameters and methods associated with the PFS on Marban Alliance.

The Marban Alliance PFS is preliminary in nature and has made numerous assumptions about the Marban Alliance project referenced herein, including in relation to the mine plan and economic models of the project. In addition, the Marban Alliance PFS includes indicated mineral resources which have economic considerations applied to them that would enable them to be categorized as mineral reserves.

Cautionary Statement and Technical Information



TECHNICAL REPORTS (CONTINUED)

Alpha Technical Report

The scientific and technical information in this Presentation relating to the Alpha Property is supported by the technical report entitled "NI 43-101 Technical Report, Alpha Property, Québec, Canada" and dated December 23, 2022 (with an effective date of November 10, 2022) (the "Alpha Report"), which was prepared for O3 Mining by G Mining Services Inc. The Alpha Report, which has been prepared in accordance with NI 43-101, is available on SEDAR (www.sedar.com) under O3 Mining's issuer profile. Please refer to the full text of the Alpha Report for details regarding the key assumptions, parameters and methods associated with the scientific and technical disclosure on the Alpha Property.

MINERAL RESOURCES

This Presentation contains information regarding mineral resources estimated at the projects referenced herein. Mineral resources are not mineral reserves and do not have demonstrated economic viability. The estimate of mineral resources may be materially affected by environmental, permitting, legal, title, socio-political, marketing or other relevant issues. In particular, the quantity and grade of reported inferred mineral resources in the estimates referenced in this Presentation are uncertain in nature and there is insufficient exploration to define these inferred mineral resources as an indicated or measured mineral resource in all cases. It is uncertain in all cases whether further exploration will result in upgrading the inferred mineral resources to an indicated or measured mineral resource category.

QUALIFIED PERSON

The scientific and technical information contained in this Presentation has been reviewed and approved by Mr. Louis Gariépy, P.Ge (OIQ #107538), Vice President Exploration of O3 Mining, who is a "qualified person" within the meaning of NI 43-101.

Unless otherwise noted, this Presentation has been prepared based on information available as of December 11, 2024.

CAUTION REGARDING HISTORIC ESTIMATES

This Presentation includes historical information that has been reviewed by O3 Mining's geological team and qualified person. O3 Mining's review of the historical records and information reasonably substantiate the validity of the information presented in this Presentation; however, O3 Mining cannot directly verify the accuracy of the historical data, including the procedures used for sample collection and analysis. There is insufficient exploration on these prospects to define a mineral resource. It is uncertain if after additional exploration a mineral resource will be delineated. Therefore, O3 Mining encourages investors to exercise appropriate caution when evaluating these results.

NON-IFRS FINANCIAL MEASURES

O3 Mining uses in this Presentation, certain non-IFRS measures including, "all-in sustaining cost" or "AISC" and "total cash cost". All-in sustaining cost per gold ounce is defined as production costs less gold sales plus general and administrative, exploration, other expenses and sustaining capital expenditures divided by gold ounces. Cash costs are a non-IFRS measure reported by O3 on an ounces of gold sold basis. Cash costs include mining, processing, refining, general and administration costs and royalties but excludes depreciation, reclamation, income taxes, capital and exploration costs for the life of the mine. The Company believes that such measures provide investors with an alternative view to evaluate the performance of the Company. Non-IFRS measures do not have any standardized meaning prescribed under International Financial Reporting Standards ("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.

CAUTIONARY NOTE TO U.S. INVESTORS

O3 Mining is subject to the reporting requirements of the applicable Canadian securities laws, and as a result, reports information regarding mineral properties, mineralization and estimates of mineral reserves and mineral resources in accordance with Canadian reporting requirements, which are governed by NI 43-101. NI 43-101 differs significantly from the disclosure requirements of the United States Securities and Exchange Commission (the "SEC") generally applicable to US companies. As such, the information included in this Presentation concerning mineral properties, mineralization and estimates of mineral reserves and mineral resources is not comparable to similar information made public by U.S. companies subject to the reporting and disclosure requirements of the SEC.

Developing The Next Gold Mine in Québec

Mission

To be a premier gold exploration and mine development company by delivering superior returns to our shareholders and long-term benefits to our stakeholders.

Vision

To become a best-in-class gold producer.

Quality Assets



Project Development

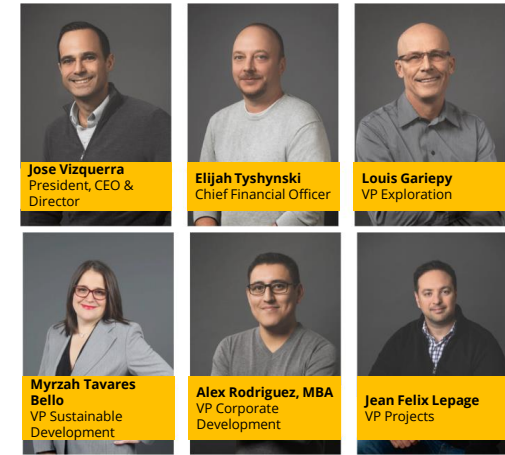


Greenfield Exploration



Advanced Exploration

Strong Management



Financial Strength

C\$115.3M

Market Capitalization^{1,2}

C\$25.2M

Cash²

C\$14.5M

Investments¹

ESG Commitment

- 2024 PDAC Sustainability Award Recipient
- Protecting the environment and reducing our impact
- Bringing long-term benefits to our stakeholders



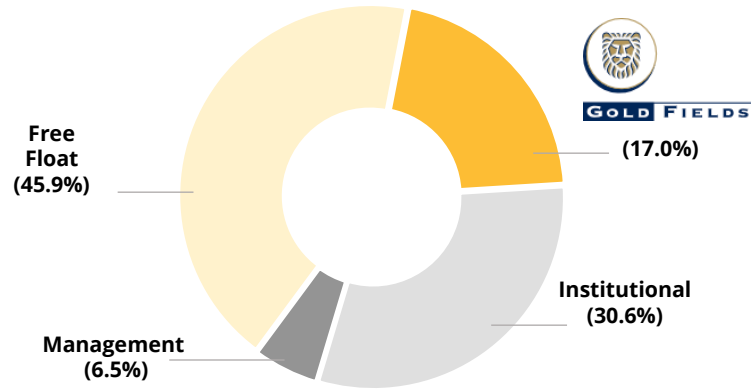
Notes:

1/ As of December 11, 2024

2/ Cash position and shares outstanding as of November 13, 2024

Strong Financial Position

Shareholder Ownership



Key Financials

C\$1.06
Share Price¹

108.7M
Shares Outstanding¹

C\$115.3M
Market Capitalization¹

C\$39.7M
Cash and Investments¹

C\$10.0M
Convertible Debt²

C\$85.5M
Enterprise Value¹

Major Shareholders



Analyst Coverage³



Notes:

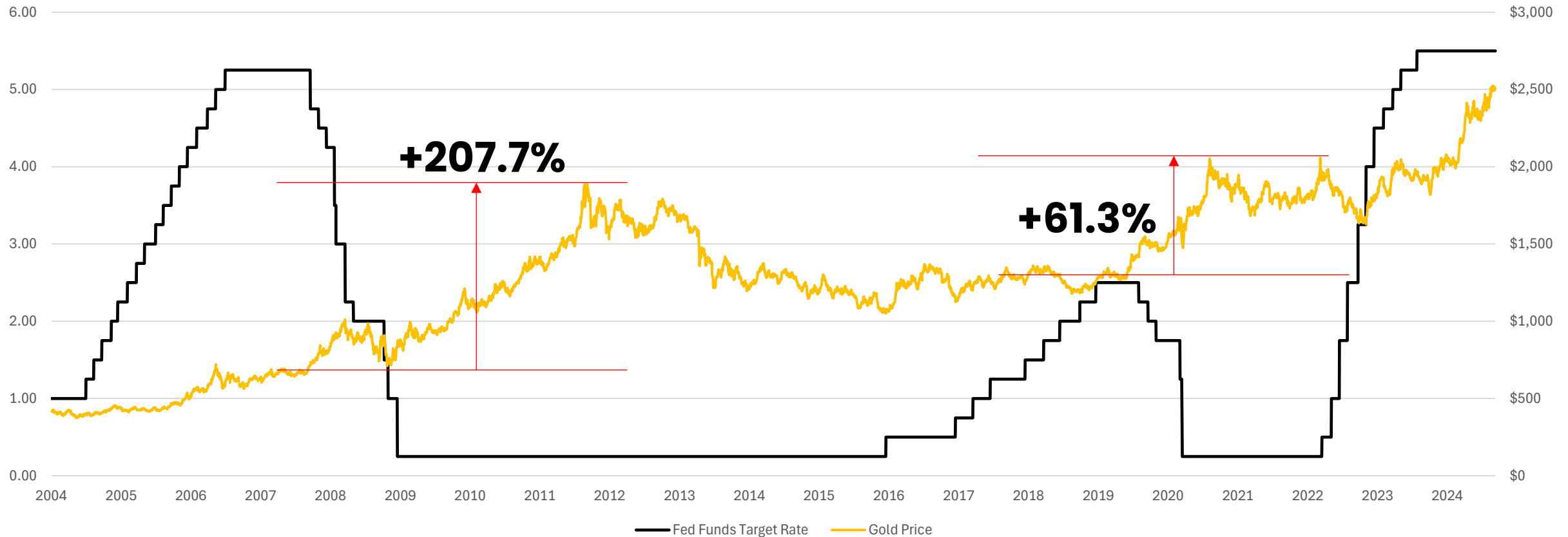
1/ As of December 11, 2024, Cash Position as of November 13, 2024

2/ The Investor is entitled to convert the outstanding principal into Common Shares at a price equal to \$2.05. See News Release dated June 19, 2023 - "O3 Mining Announces C\$10M Convertible Debenture Placement".

3/ O3 Mining disclaims responsibility for the content or guidance published by any analysts.

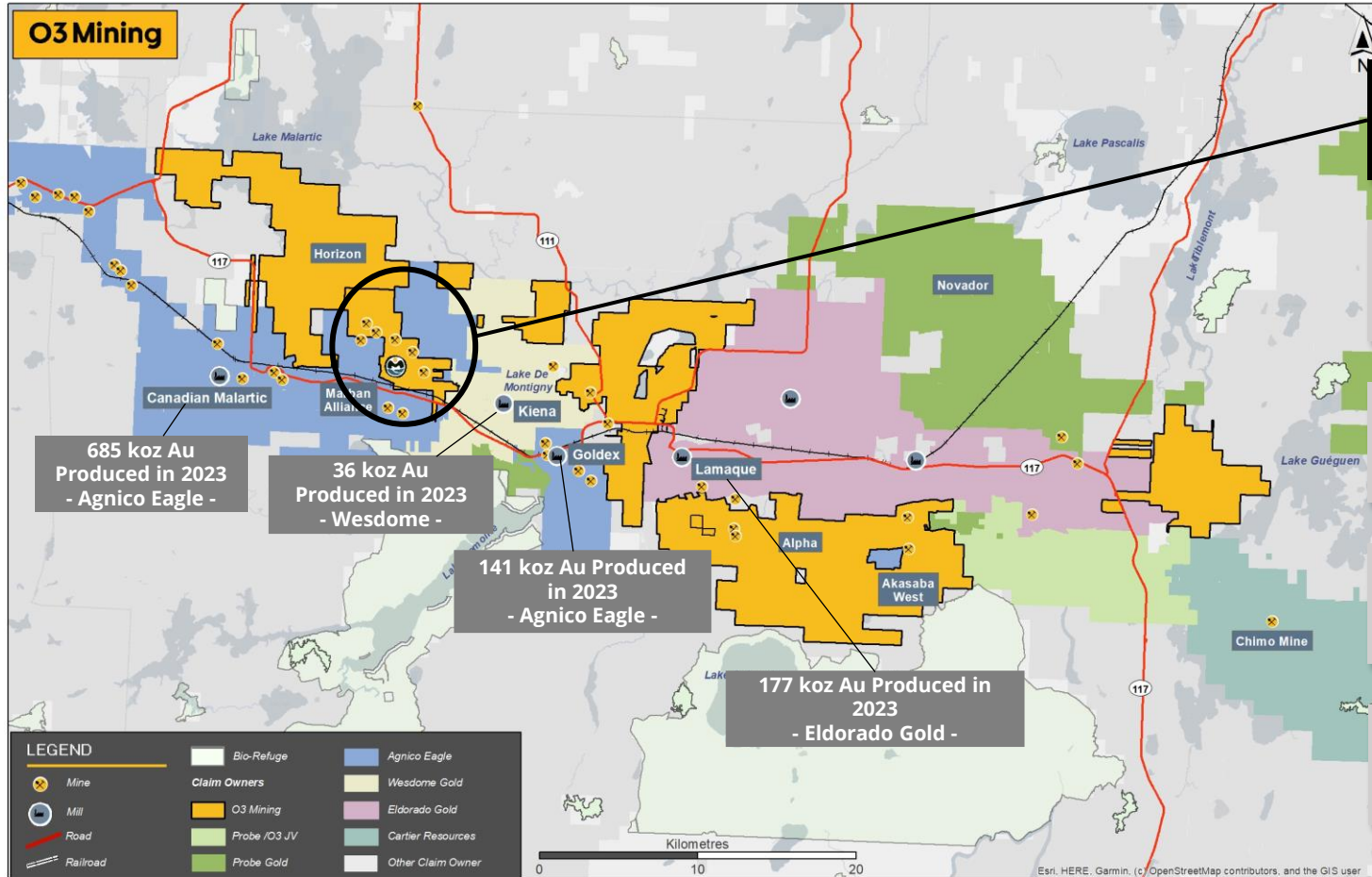
In the last 20 years – Gold Has Sharply Performed When Interest Rates Decline

Federal Funds Rate vs Gold Price



Notes:
1/ S&P Capital IQ Pro

Top Canadian Mining Jurisdiction



Marban Alliance Project contains **2.9 million ounces of Gold²**

Management brings expertise from **Osisko Mining, Newmont, Anglo American, and SNC Lavalin**

Access to key infrastructure including **hydropower, mills, railroads, roads, and experienced labour**

World class district – Produced over **50Moz Au**

5th best mining jurisdiction in the World¹

Over 1 million ounces of Gold were produced in 2023 within a ~25 km radius of Marban Alliance

Notes:
 1/ Fraser Institute 2023 – Investment attractiveness index.
 2/ Marban Mineral Resource Estimate (M&I 67.7MT @ 1.09 g/t Au & Inf. 3.1MT @ 2.21 g/t Au), and Malartic H Resource Estimate (Inf. 10.2MT @ 1.04 g/t Au).

Marban Alliance | 2022 Pre-Feasibility Study¹



PFS Base Case

Gold Price	US\$/oz	\$1,700	\$1,800	\$1,900
Pre-tax	NPV (5%)	C\$775M	C\$922M	C\$1,070M
	IRR	30.2%	34.4%	38.5%
	Payback	2.8 yrs	2.5 yrs	2.3 yrs
Post-tax	NPV (5%)	C\$463M	C\$552M	C\$639M
	IRR	23.2%	26.4%	29.4%
	Payback	3.5 yrs	2.9 yrs	2.6 yrs

161Koz
Avg. Annual
Gold Production

~ 10 years
Life of
Mine

C\$435M
Initial
CAPEX

US\$882
LOM AISC
(US\$/oz Au)

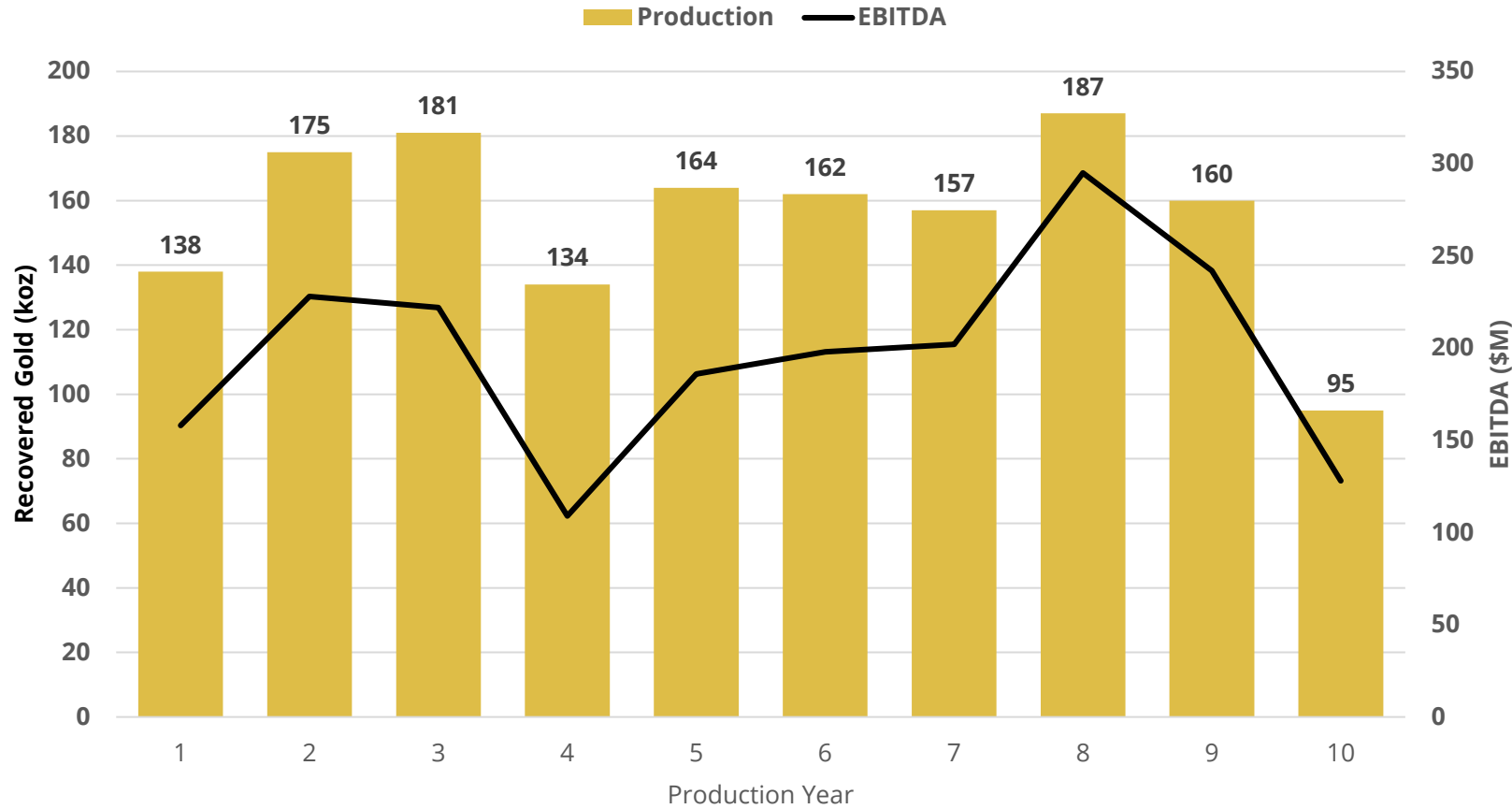
Marban Alliance Post-tax NPV_{5%} using a US\$1,900/oz Gold Price is C\$639M with 29.4% unlevered post-tax IRR

Notes:
1/ Please refer to the Marban Alliance PFS – October 2022.

Marban Alliance – Production Expansion



Annual Gold Production (koz)¹ & EBITDA (\$M)¹



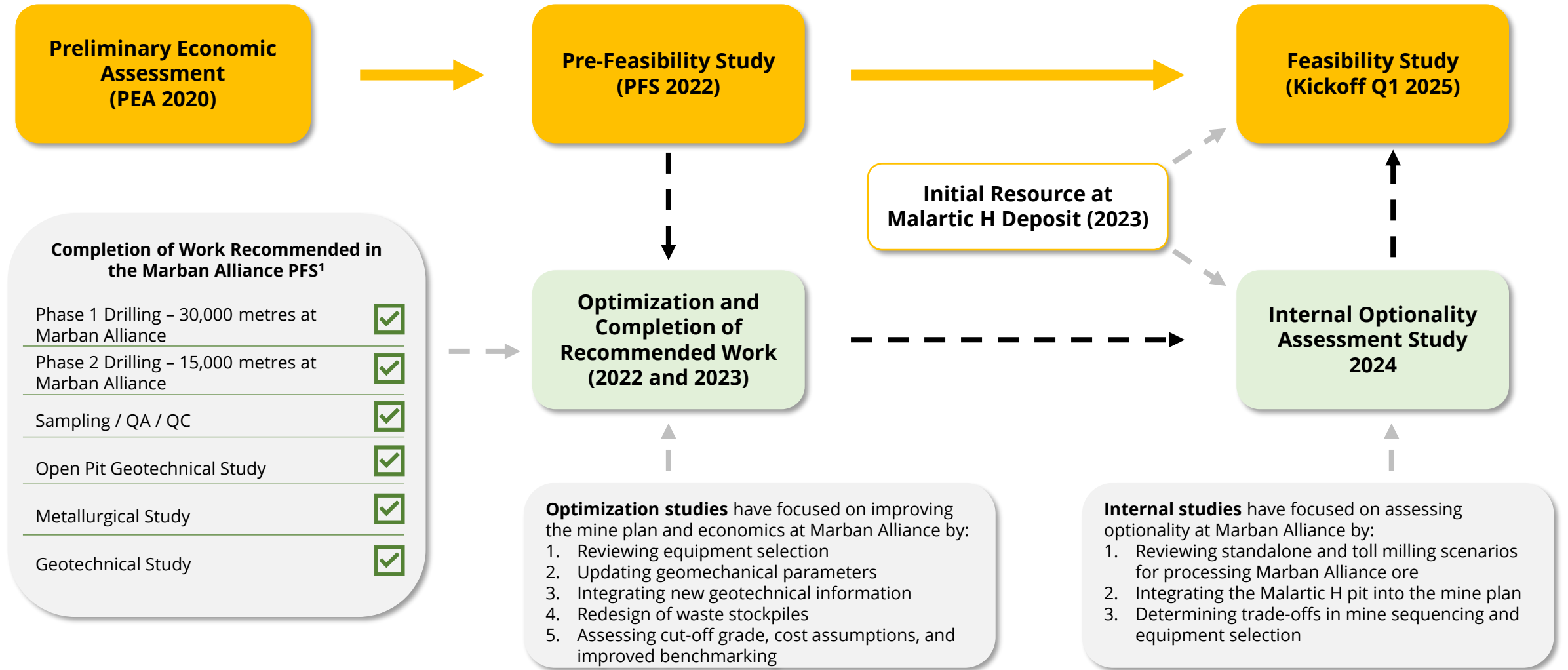
Marban Alliance is expected to produce **161,000 ounces of gold per year** over a 10-year life of mine with an **Initial Capex of C\$435 million**

Malartic H - new deposit discovered in 2023 - has **342,000 ounces of gold** which we expect might **increase Marban Alliance's life of mine**

Marban Alliance is expected to generate **C\$467 million in EBITDA** in the first two years of production assuming **US\$1,900 /oz gold price**

Notes:
1/ Please refer to the Marban Alliance PFS.

Key Developments at Marban Alliance



Notes:

1/ Please refer to the Marban Alliance PFS Table 26-1: The Marban PFS contains recommended future work on the Marban Alliance Project to advance and assess the project with the purpose of progressing toward the Marban Alliance feasibility following such work.

— Permitting and Community Engagement

Permitting Progress at Marban Alliance

Filed Initial Project Description with Federal Government	✓
Filed Project Notice with Provincial Government	✓
Received Provincial Guidelines	✓
Updated Watercourse Deviation Concept	✓

Environmental Baseline Study

Environmental baseline study is approximately 95% complete incorporating data from the past two years.

Impact Studies

Impact studies will include:

- Environmental baselines
- Social and environmental impacts
- Attenuation measures
- Compensation of impacts that can not be eliminated or reduced
- Consultation process and results of consultations with stakeholders

Community Engagement and Social Acceptability

Engaging with host communities since 2021

- Working group creation in 2024 – mix of residents, education sector, NGOs, socio-economic, municipal, etc.
- **New community relations office in project neighbourhood**
- Specific meetings per type of stakeholder:
 - Hunters;
 - Residents on project footprint;
 - Residents surrounding project footprint; and
 - NGOs and other organizations
- Specific consultation workshops: road deviation, watercourse deviation, etc.
- Acquisition protocol developed in collaboration with residents
- Over 400 one-one meetings with community members
- Open door events
- Launch of Marban Alliance website dedicated to host communities and interested stakeholders: www.marban-alliance.com

O3 Mining is dedicated to maintaining a proactive social acceptability strategy through transparent and consistent communication with local communities

Notes:

1/ Please refer to the Marban Alliance PFS Table 26-1: The Marban PFS contains recommended future work on the Marban Alliance Project to advance and assess the project with the purpose of progressing toward the Marban Alliance feasibility following such work.

Marban Alliance – Production Profile

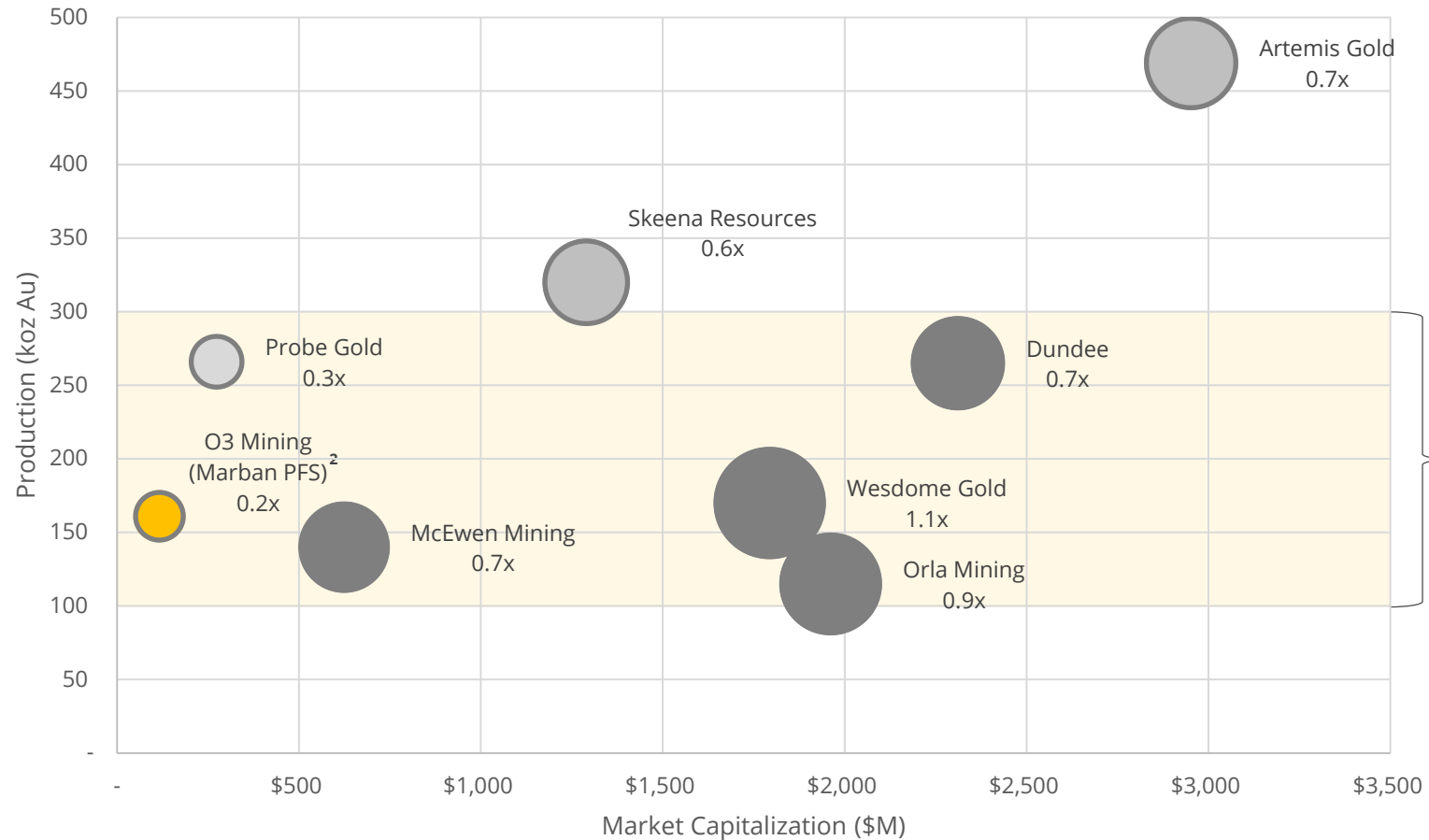


Marban Alliance is expected to produce 161,000 ounces of gold per year over a 10 year life of mine

Malartic H - new deposit discovered in 2023 – has 342,000 ounces of gold which we expect might increase Marban Alliance’s life of mine

Marban Alliance is expected to generate C\$343 million in post-tax FCF in the first two years of production assuming US\$1,900 / oz gold price

Annual Gold Production (koz)¹ vs Market Cap (\$M)¹ vs P/NAV

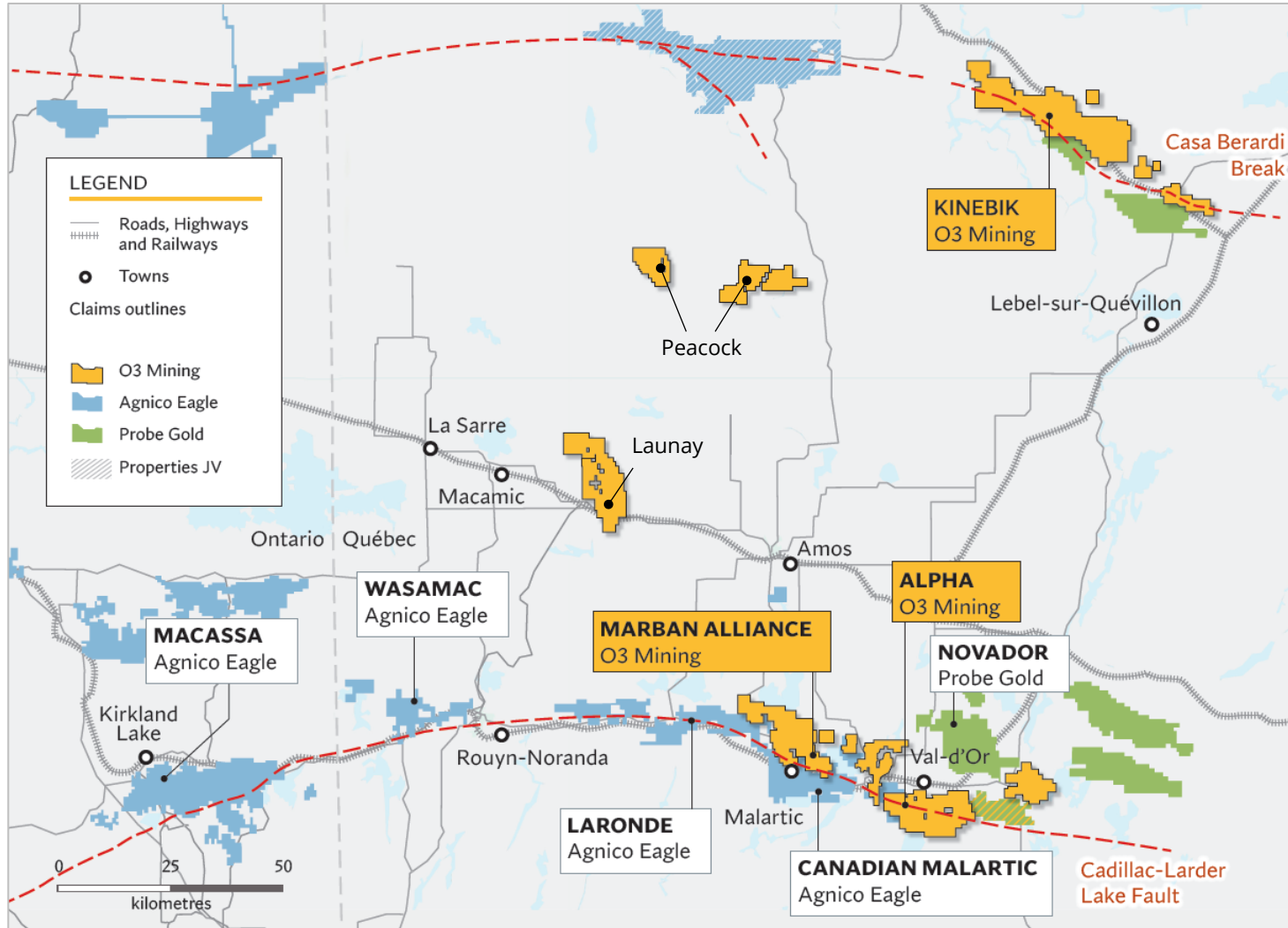


Mid-tier Producer range



Notes:
 1/ Based on 2024E gold production; sourced from S&P Capital IQ Pro and Company Documents
 2/ Based on expected annual production during the Marban Alliance life-of-mine; Please refer to the Marban Alliance PFS for additional information

Value Creation through Exploration



Proven geological potential in premier jurisdictions where O3 Mining has presence such as in the Abitibi Gold Belt

District scale properties along the prolific Cadillac Larder Lake Fault (42,000 hectares) and the Casa Berardi Break (31,000 hectares)

Benefits from the mining friendly **Quebec jurisdiction**, with access to **Quebec Flow Through Benefits** to effectively raise and deploy capital on **exploration**

Kinebik Project – Exploration Potential

Significant Potential **Exploration**

The Kinebik Project straddles over 40 km of strike along the prolific Casa Berardi break which extends over 400 km in the northern part of the Abitibi Greenstone Belt

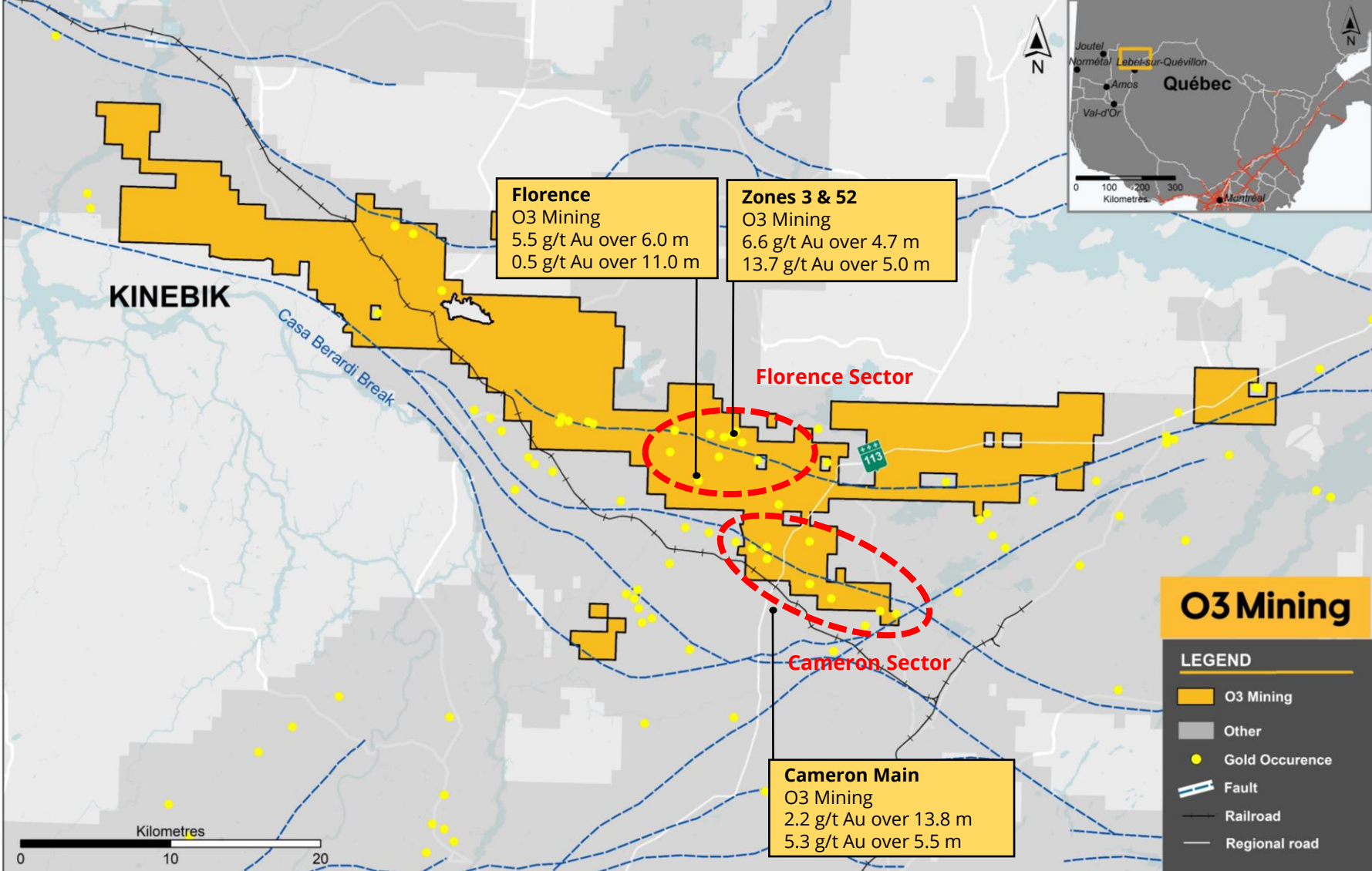
The Kinebik project covers 49,700 hectares and is easily accessible all year round

Work Program
 Compilation spring 2024 (Completed)
 Mapping, prospecting and soil geochem survey in summer (ongoing)

8,000 meters DDH in Q4-2024 with focus on Cameron Sector.

Additional drilling is possible as a follow up to attractive exploration results.

Potential result
 Discovery of a gold deposit along the Casa Berardi Break



Catalysts and Accomplishments

Catalysts

8,000m drilling program currently underway at the **Kinebik project** in the Casa Berardi district

Q1 2025 – Marban Alliance **Feasibility Study** kick-off

Actively evaluating **synergies** to expand footprint and **secure processing infrastructure** for Marban Alliance

Accomplishments

August 2024: **\$21M bought deal financing** in August 2024 to fund engineering work to support Feasibility Study

June 2023: **Maiden Mineral Resource Estimate**¹ (+340Koz Au Inferred) published for Malartic H at Marban Alliance

November 2022: Filing of **Initial project description** for Marban Alliance to Environmental agencies in 2022

October 2022: **Pre-Feasibility Study**² published on Marban Alliance (C\$463M Post-tax NPV_{5%}; Unlevered IRR 23.2%)

Notes:

1/ See Appendix "C".

2/ Please refer to the Marban Alliance PFS.

O3 Mining



**We are explorers.
We are miners.
We are the new generation
of gold mining in Canada.**

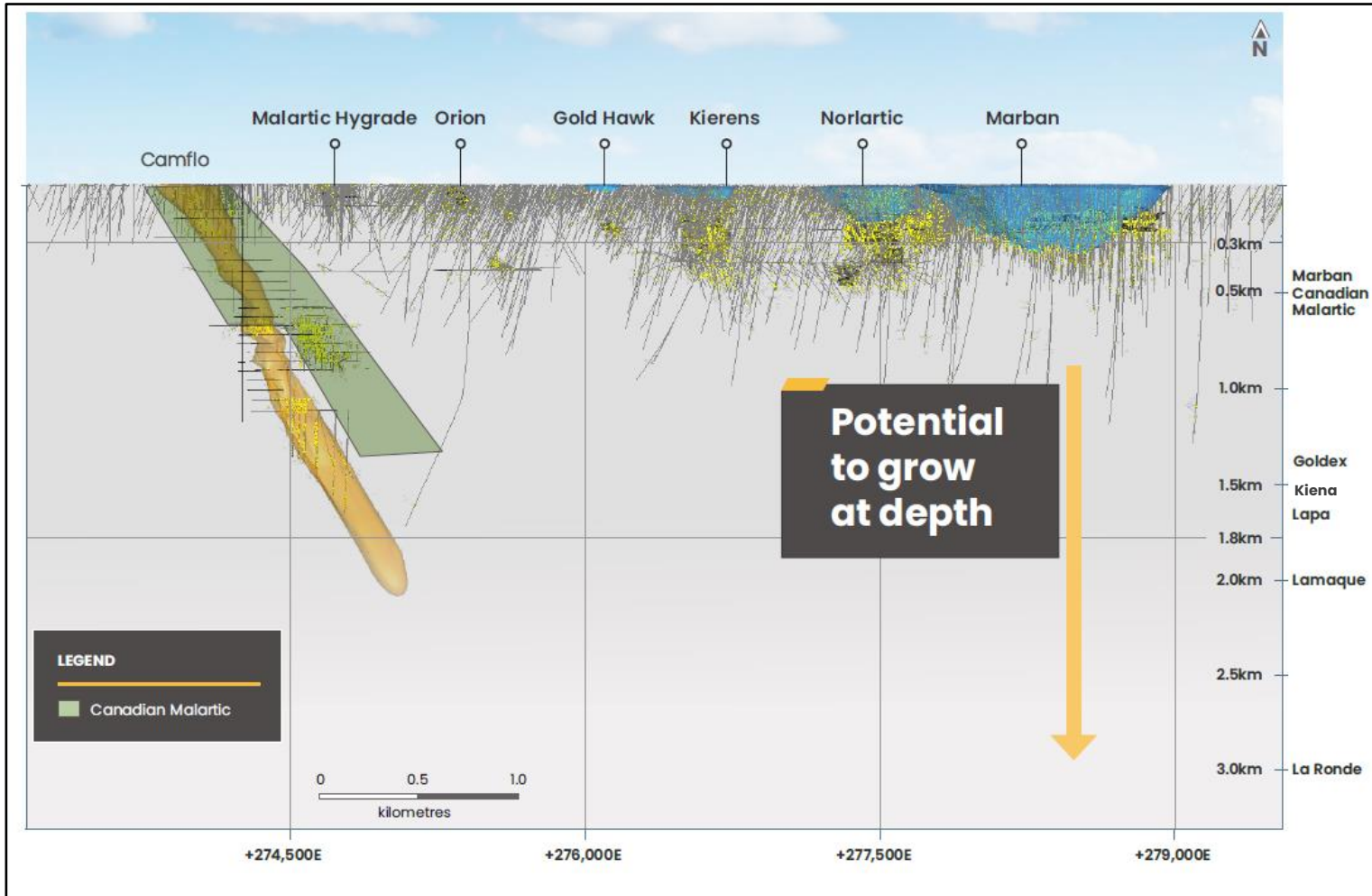
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Alex Rodriguez, MBA | VP Corporate Development
arodriguez@o3mining.com | +1 (647) 391 7724



Appendix

Comparable Depth to Other Deposits

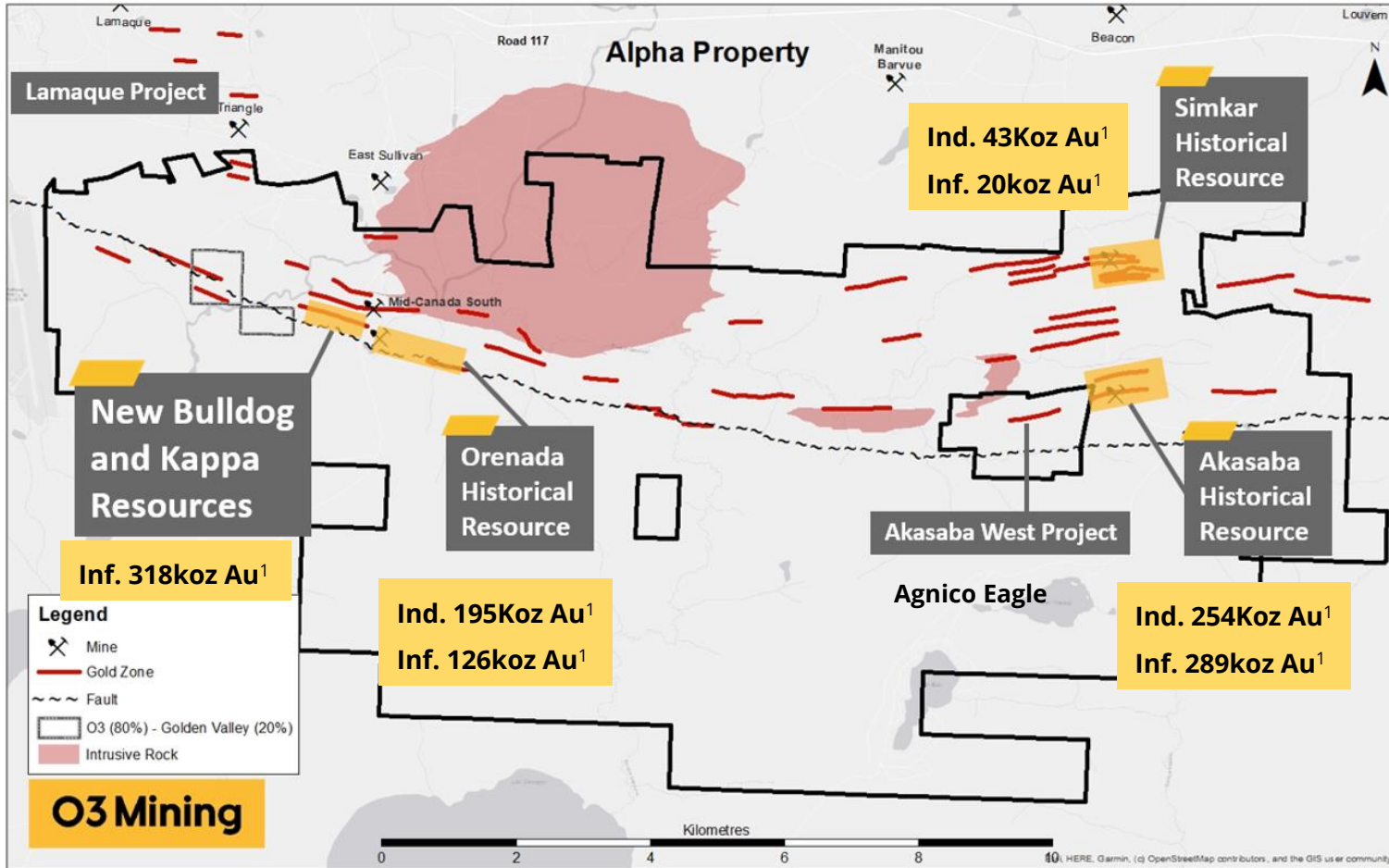


Estimated Historical Gold Production from the Marban Property (1959-1992)					
Mine	Company	Years	Tonnes	Gold (g/t)	oz Au
Marban	Marban Gold Mines	1961-1974	1,983,000	5.3	330,000
Norlartic and North-North	Norlartic Mines	1959-1966	1,544,000	4.2	209,000
	Aur Resources	1990-1992			
Kierens and	Norlartic Mines	1965-1966	251,000	6.3	51,000
Gold Hawk	Aur Resources	1988-1992			
Malartic Hygrade	Malartic Hygrade	1962-1963	28,000	19.6	18,000
Camflo (on Marban property)	Barrick	1981-1992	1,435,000	5.3	243,000
Orion No. 8	Malartic Hygrade	1987-1990	131,000	5.3	22,000
Totals			5,372,000	5.1	873,000

Estimated Historical Gold Production from Marban (1959-1992)¹
 873,000 Au oz with an average of 5.1g/t Au

Notes:
 1/ Please refer to the Marban Alliance PFS.

Alpha – Advanced Exploration



Project Overview

- Located three kilometres from the **Lamaque mine operated by Eldorado**, and adjacent to the **Akasaba West mine operated by Agnico Eagle Mines**.
- **Covers 7,754 hectares** and includes **20 km** of the prolific Cadillac Larder Lake Fault.
- **Combined Mineral Resources – OP and UG²**
 - › 7,659 kt @2.0 g/t Au, **492 koz ind.**
 - › 7,053 kt @ 3.3 g/t Au, **753 koz inf.**

Notes:

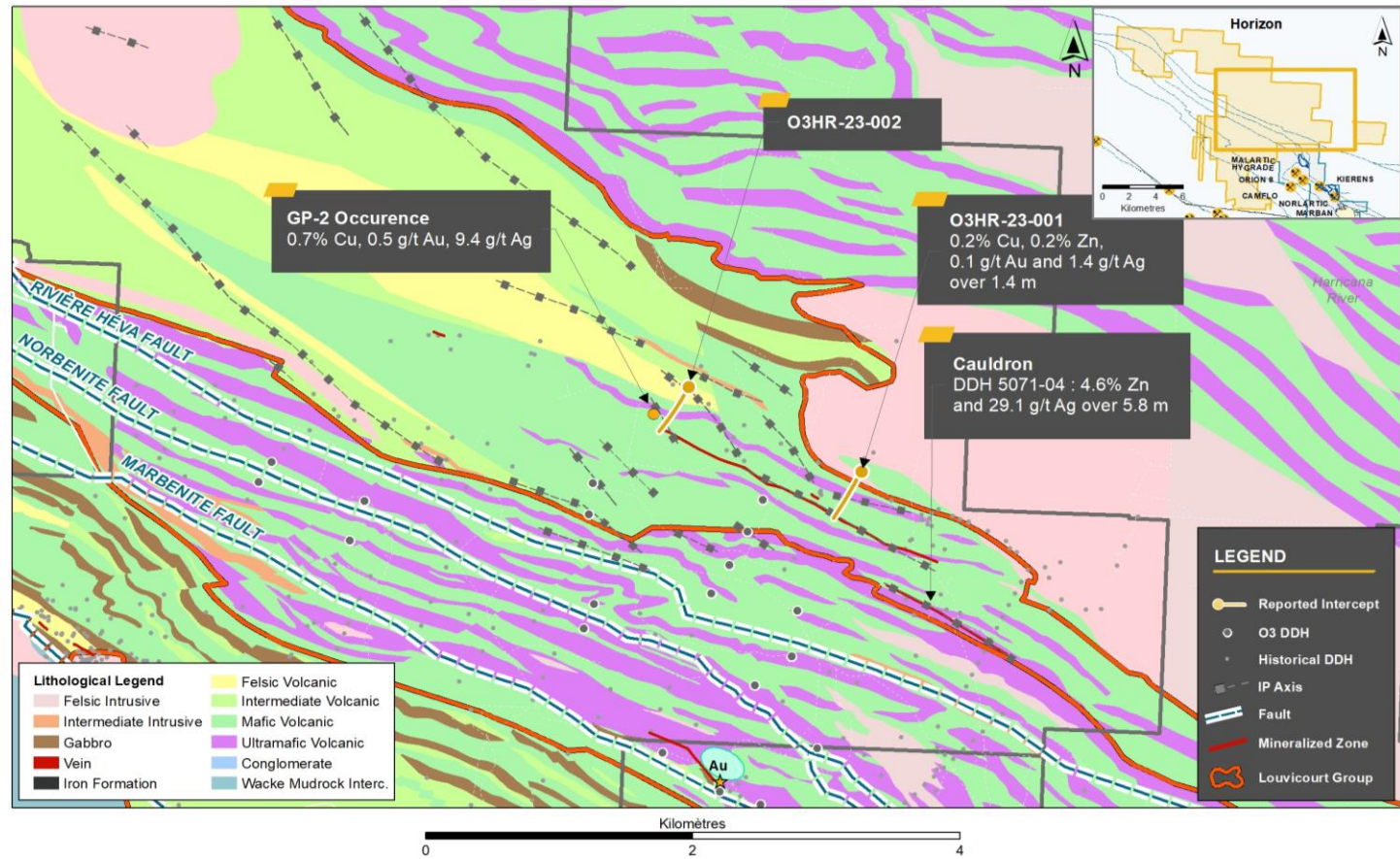
1/ Please refer to the Alpha Report.

2/ See Appendix "B" – Alpha Mineral Resource Estimate.

Cadillac Break – Horizon VMS

VMS deposits represent some of the **richest sources globally** of a diverse group of **strategic metals** including copper, zinc, and lead. VMS deposits can also produce significant amounts of gold and silver as byproducts.

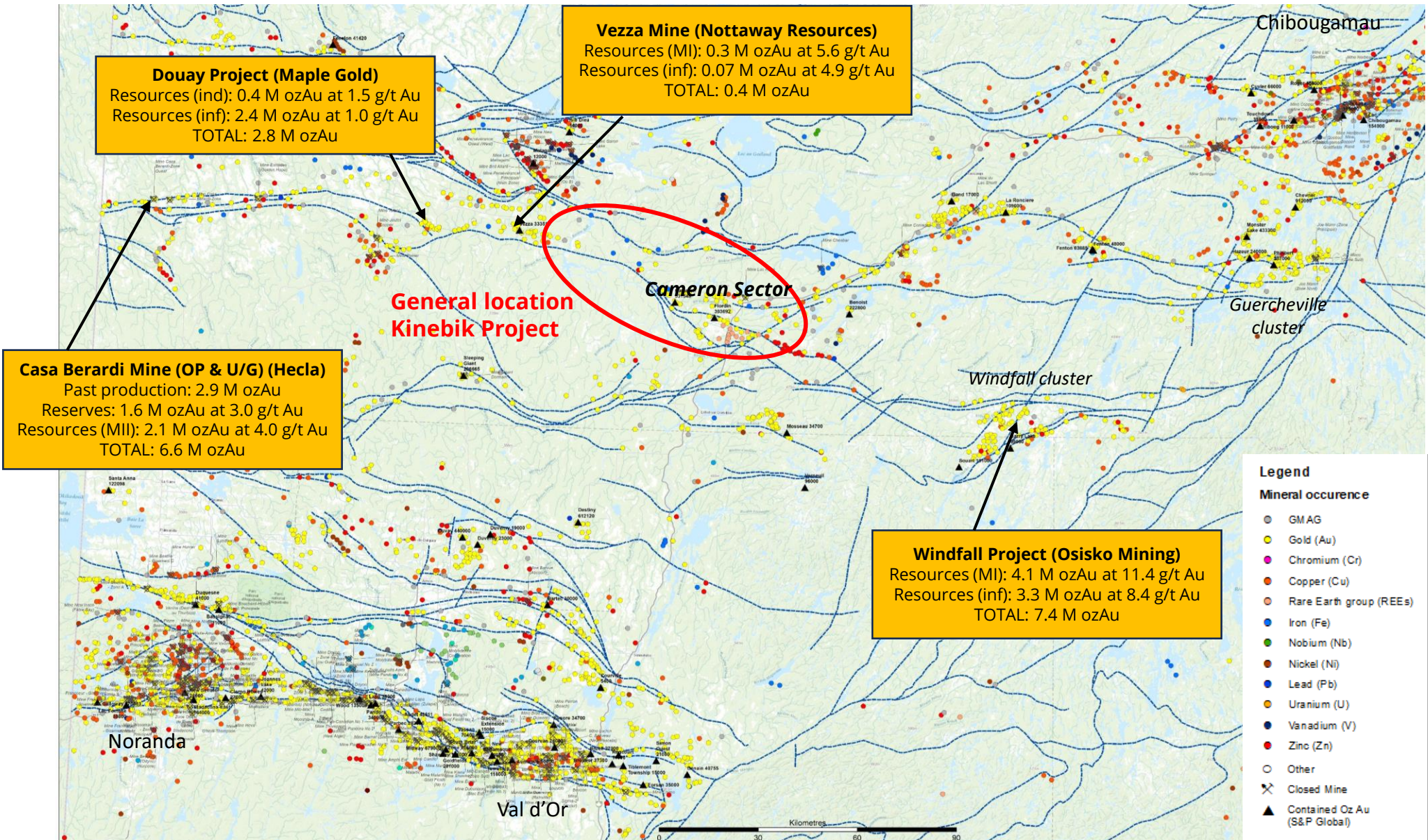
- **Located North-West of Marban Alliance:** covers the previously named Marban Regional property, the Héva property and recently acquired claims
- **Initial results** confirmed the discovery of a fertile environment supporting a highly prospective **VMS deposit**.¹
- The Abitibi has a history of production from VMS deposits such as: Horne Mine (1927 – 1976), Kidd Creek (1966 – Present), and LaRonde (1988 – Present)



Laminated sulfide rich exhalate from the Horizon Property

Notes:
1/ See News Release dated November 13, 2023 and entitled "O3 Mining Drill Results Confirm VMS Deposit Environment at Horizon Project".

Casa Berardi – Major Gold Break in Quebec



The map of the mineral occurrences and major auriferous breaks in Abitibi shows that important gold endowments occur along the breaks and are characterized by higher density of gold occurrences.

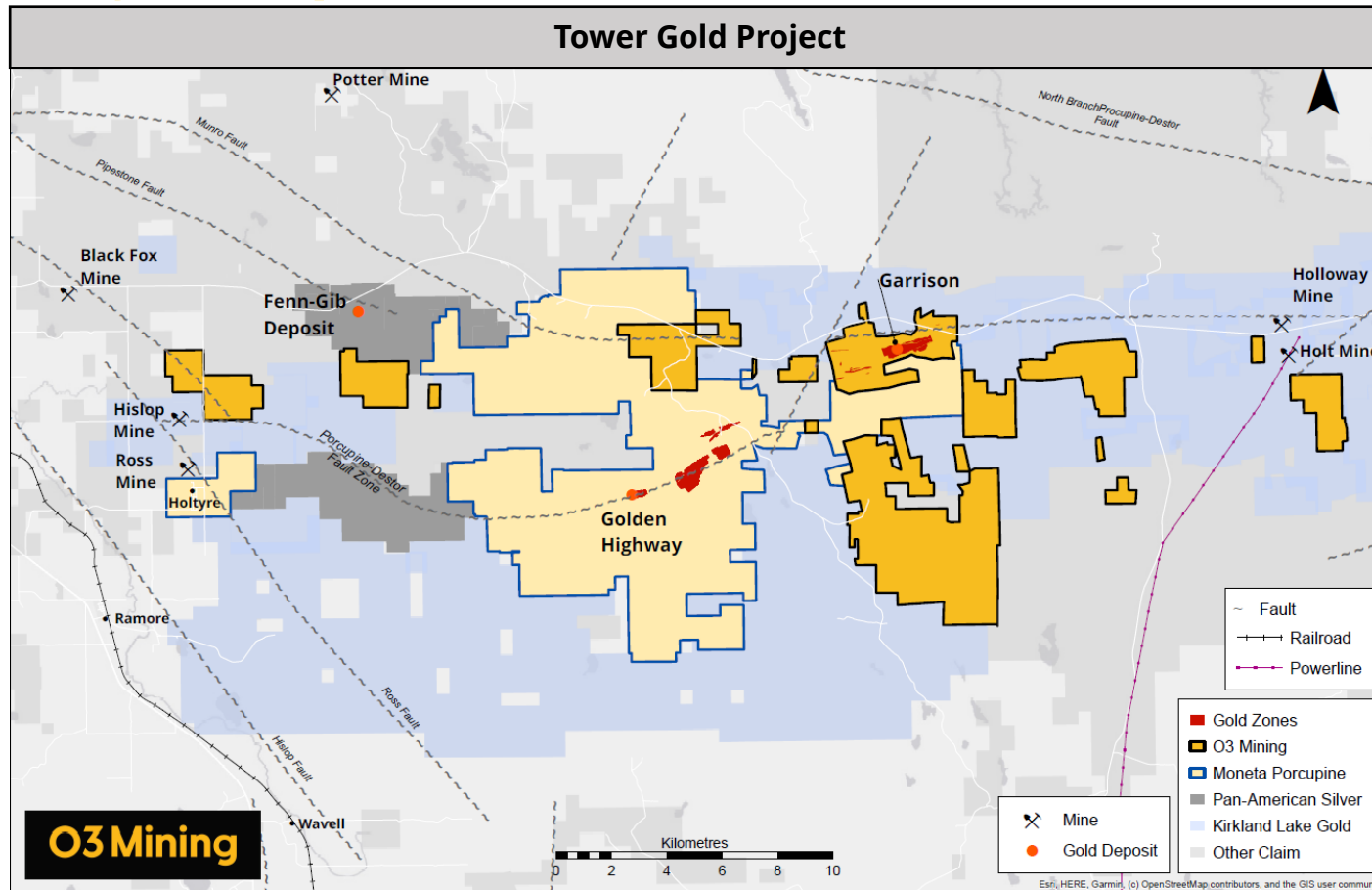
Five mining districts are located along the Casa Berardi Break's length including the +5 Moz Au world-class Casa Berardi Deposit

The Kinebik project covers the same formations present at the Casa Berardi mine along the same break

Investment – STLLR Gold (Formerly Moneta Gold)



Project Map



Overview

- **STLLR Gold** is one of the largest gold exploration companies in Canada¹
- **Positive 2022 Tower Gold Project PEA** with post-tax **NPV_{5%} C\$1,066M** and 31.7% post-tax IRR at US\$1,600/oz Au with a **24 year** life of mine¹
- **Positive 2023 Colomac Project PEA** with post-tax **NPV_{5%} C\$1,170M** and 34.6% post-tax IRR at US\$1,600/oz Au with a **11 year** live of mine²
- The partnership with STLLR occurred on early 2021, and it is currently valued at **C\$10.7M³**

Notes:

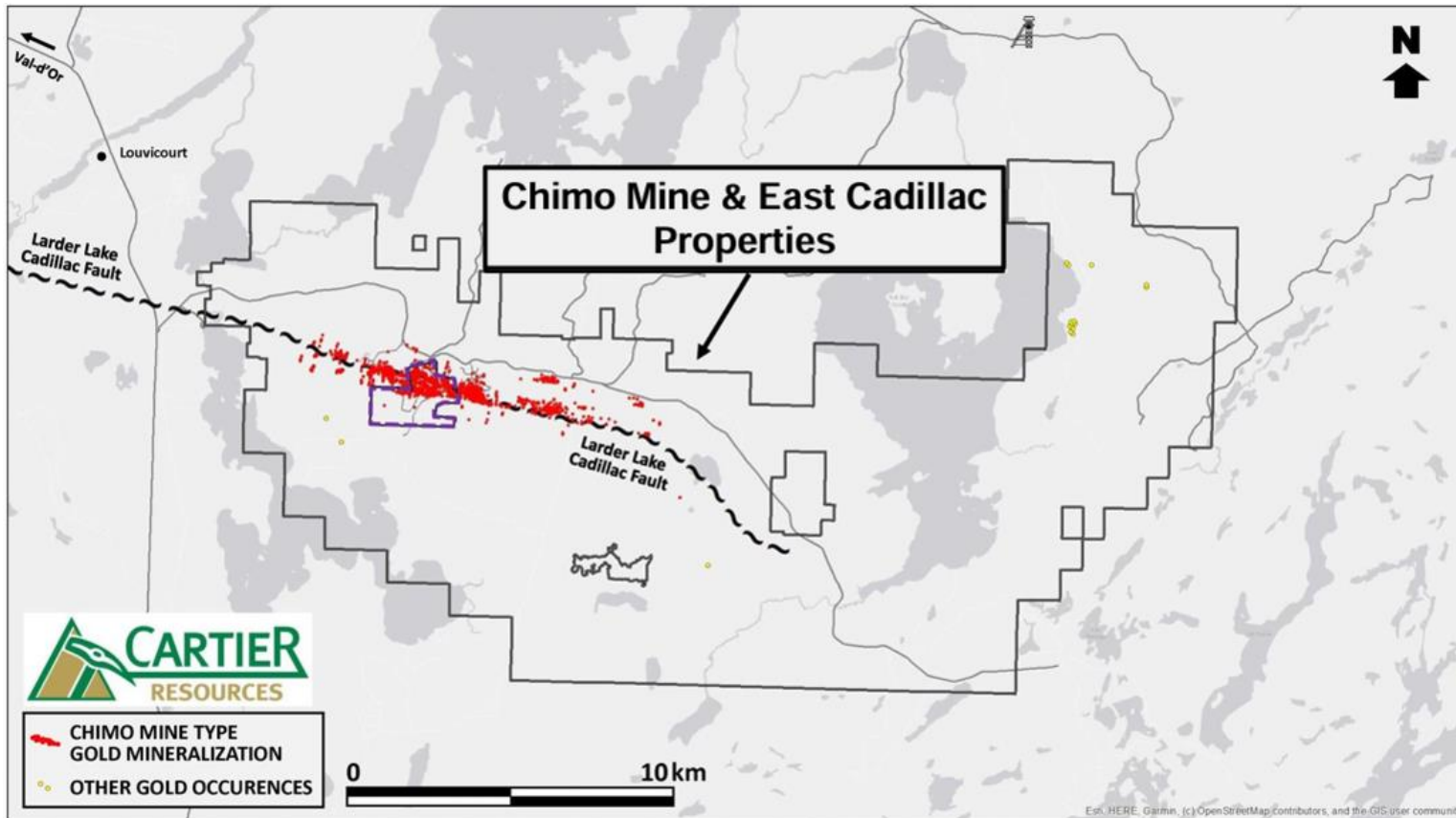
1/ For more information on the Tower Gold Project PEA effective September 7, 2022, please refer to the NI 43-101 technical report titled "NI 43-101 Report & Preliminary Economic Assessment of the Tower Gold Project Northeastern Ontario, Canada" dated November 29, 2022 which is available on STLLR Gold's profile on SEDAR+ www.sedarplus.ca and www.stllrgold.com.

2/ For more information on the Colomac Gold Project PEA effective April 26, 2023, please refer to the NI 43-101 technical report titled "Colomac Gold Project NI 43-101 Technical Report and Preliminary Economic Assessment, Northwest Territories, Canada" dated June 9, 2023 which is available on STLLR Gold's profile on SEDAR+ www.sedarplus.ca and www.stllrgold.com.

3/ As of December 11, 2024.

Investment - Cartier Resources

Project Map



Overview

- **O3 Mining is the second largest shareholder with 14.2% ownership.**
- Our investment with Cartier is currently valued at **C\$3.7M¹**
- Cartier consolidated a strategic land position in eastern Val-d'Or of ~30,000 hectares of highly prospective ground.
- **Positive 2023 Chimo Mine Project PEA** with post-tax **NPV_{5%} C\$388M** and 20.8% post-tax IRR at US\$1,750/oz Au with a **9.7** life of mine¹

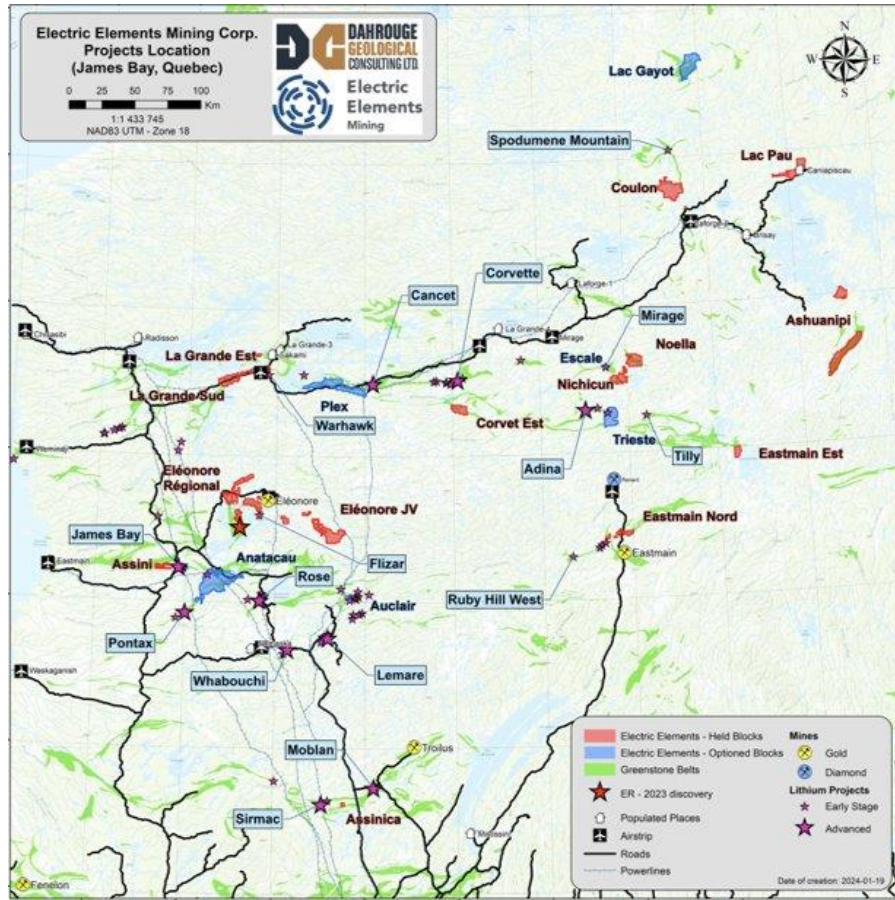
Notes:

1/ As of December 11, 2024.

2/ Please refer to the press release entitled "Cartier Delivers Positive PEA for Chimo Mine Project Post-Tax NPV5% of CAD\$388M And 20.8% IRR" and dated April 13, 2023, Val-d'Or (Québec), a copy of which is available on SEDAR (www.sedar.com) under Cartier Resources Inc.'s issuer profile.

Investment – Electric Elements

Portfolio Maps



Portfolio Summary

- **14 highly prospective properties in the James Bay area, Quebec**
- +150,000 hectares all staked along Archean greenstone belts known to host lithium
- +C\$70M in past exploration investment
- +200,000 metres of historic drilling
- Equity / free carried interests in other James Bay explorers
- **Multi commodity showings with a focus on lithium**

Company Overview

- **Electric Elements is a private exploration company advancing district scale lithium potential in James Bay**
- Adjacent to major lithium discoveries such as Corvette (Patriot Battery Metals) and James Bay Lithium (Allkem)
- Formed and capitalized in November 2023 with lithium properties acquired from Osisko Development Corp. and O3 Mining Inc.
- **O3 Mining holds a 12% interest providing significant exposure to lithium**

Notes:

1/ See News Release dated November 15, 2023 and entitled "OSISKO DEVELOPMENT CORP. AND O3 MINING INC. ANNOUNCE FORMATION OF "ELECTRIC ELEMENTS MINING CORP." TO EXPLORE JAMES BAY PROPERTIES FOR LITHIUM".

Experienced Management & Board of Directors



Management Team



Jose Vizquerra
President, CEO & Director

Former EVP of Osisko Mining Inc.



Elijah Tyshynski
Chief Financial Officer

Former Director Strategic Development of Osisko Mining Inc.



Louis Gariepy
Vice President, Exploration

Former Exploration Manager of Anglo American Plc.



Myrzah Tavares Bello
Vice President, Sustainable Development

Former Director of SNC Lavalin



Alex Rodriguez, MBA
Vice President, Corporate Development

Former Head of Business Development of Volcan Compañía Minera



Jean-Félix Lepage
Vice President, Projects

Former Superintendent of Mining Operations of Newmont Corporation

Board of Directors



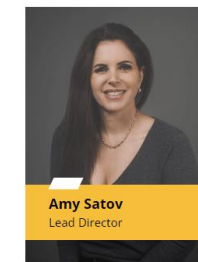
John Burzynski
Chairman

Founder of the Osisko Group & CEO of Osisko Mining Inc.



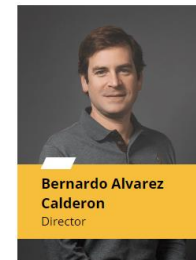
Jose Vizquerra
President, CEO & Director

Former EVP of Osisko Mining Inc.



Amy Satov
Lead Director

General Counsel, Balcan Plastics Inc.



Bernardo Alvarez Calderon
Director

CEO of Analytica Mineral Services



Keith McKay
Director

CFO for Dalradian Resources Inc.



Patrick Anderson
Director

Founder & CEO for Dalradian Resources Inc.

Board of Directors

John Burzynski

Chairman

Mr. Burzynski is a Director and Chairman of the Board of O3 Mining Inc. He currently serves as Executive Chairman, Chief Executive Officer and Director of Osisko Mining Inc., having served in those capacities since August 2015, and has been a director of Osisko Mining Inc. (formerly Oban Mining Corporation) since incorporation in February 2010. Mr. Burzynski is currently a director of Osisko Gold Royalties Ltd. and, from June 2014 to August 2016, also served as the Senior Vice President, New Business Development. Mr. Burzynski holds a Bachelor of Science (Honours) degree in Geology from Mount Allison University and a Master of Science in exploration and mineral economics (MINEX) from Queen's University. He is a registered P.Geol. in the province of Québec, and has over 30 years of experience as a professional geologist on international mining and development projects.

Amy Satov

Lead Director

Ms. Satov, B.A., LL.B., M.B.A., currently serves as a Director of O3 Mining Inc., Director of Osisko Mining Inc., Director of Osisko Metals Inc., and as a Director of Brunswick Exploration Incorporated. Ms. Satov is Senior Legal Counsel of Nuvei Technologies Corp. since April 2020. Formerly, Ms. Satov served as Chief Executive Officer of BL Solutions Inc., a national lighting distributor, from November 2019 to March 2020, a director and chair of the audit committee of Cannara Biotech Inc. up to January 2020, and Chief Executive Officer of Litron Distributors Ltd. up to April 2020. Prior to 2012, Ms. Satov was the Executive Vice President of Legal, Compliance and Distribution and Corporate Secretary of DundeeWealth Inc., a wealth management company with \$80 billion of assets under management that was acquired by The Bank of Nova Scotia in 2011. Ms. Satov oversaw all legal and compliance matters, was actively involved in Dundee Wealth's expansion into Europe and the U.S. and sat on various subsidiary boards. Ms. Satov advised on all M&A activities as well as securities, regulatory and other corporate commercial matters. In 2010, Ms. Satov was recognized by Strathmore's "Who's Who" for excellence and achievement in her profession.

Bernardo Alvarez Calderon

Director

Mr. Calderon currently serves as a director of O3 Mining Inc. and is also a director of Osisko Mining Inc., since April 2014. He is also the Chief Executive Officer of Analytica Mineral Services, having served in that role since January 2005. Mr. Alvarez Calderon has taken the Owners/President Management Program at the Harvard Business School and holds a Bachelor of Science in geological engineering from the Colorado School of Mines.

Jose Vizquerra

President, CEO & Director

Mr. Vizquerra is President and Chief Executive Officer, and a director of O3 Mining Inc. ("O3 Mining"). Prior to his appointment at O3 Mining, Mr. Vizquerra was Executive Vice President of Strategic Development for Osisko Mining Inc. ("Osisko"). Mr. Vizquerra joined Osisko from Oban Mining Corporation ("Oban"), where, as President and Chief Executive Officer, he played a leading role in the combination of Oban, Corona Gold Corporation, Eagle Hill Exploration Corporation, and Ryan Gold Corporation to form Osisko. Through ambitious drilling and prudent capital raising, Osisko has become the highly valued proponent of the world-class Windfall gold project. Before that, Mr. Vizquerra was Head of Business Development for Compañía de Minas Buenaventura. Previously, he was a production and exploration geologist at the Red Lake gold mine in Ontario.

Mr. Vizquerra currently serves as a director of Osisko and Silver Mountain Resources, and as an advisor to the boards of STLLR Gold and Palamina Resources. The Young Mining Professionals recognized Mr. Vizquerra as one of their Young Mining Professionals of the year with the 2019 Peter Munk Award.

Mr. Vizquerra is an alumnus of the General Management Program at the Wharton School of Business. He holds an MSc in Mineral Exploration from Queens University and a B.Sc in Civil Engineering from UPC Universidad Peruana de Ciencias Aplicadas. Mr. Vizquerra is a "qualified person" for purposes of NI 43-101.

Keith McKay

Director

Mr. McKay currently serves as a director of O3 Mining Inc. and has been a director of Osisko Mining Inc. since August 2012. His current principal occupation is Chief Financial Officer of Dalradian Resources Inc. since June 2010. Mr. McKay is a Chartered Professional Accountant with extensive experience in the mining industry, including public company reporting requirements, financing, and merger and acquisition transactions. Mr. McKay received his C.A. designation in 1981 with Coopers & Lybrand (now PricewaterhouseCoopers LLP) and holds a Bachelor of Arts Degree from Western University.

Patrick Anderson

Director

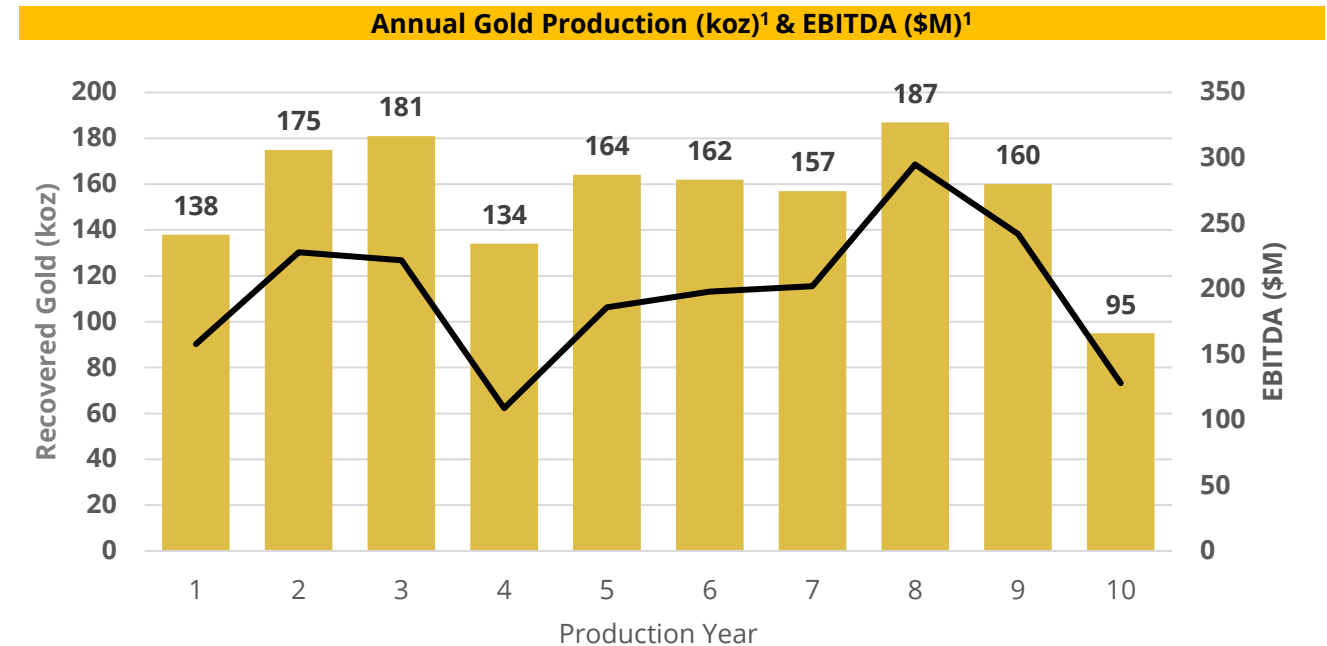
Mr. Anderson currently serves as a director of O3 Mining Inc. He was appointed as a director of Osisko Mining Inc. in August 2012. He founded Dalradian Resources Inc. and has served as its Chief Executive Officer from October 2009 to present. Mr. Anderson is an exploration geologist, entrepreneur, and business executive with over 20 years of experience working in the resource sector. Previously, Mr. Anderson was a director, President, Chief Executive Officer and co-founder of Aurelian Resources Inc.

Pre-Feasibility Study Highlights¹ – October 2022



General		
Gold Price	US\$/oz	\$1,700
Exchange Rate	US\$:C\$	\$0.77
Mine Life	years	9.6
Total Waste Tonnes Mined	kt	286,144
Total Mill Feed Tonnes	kt	56,436
Strip Ratio	w:o	5.1
Production		
Mill Head Grade LOM	g/t	0.91
Mill Recovery Rate	%	94.2
Total Mill Ounces Recovered	koz	1,552
Total Annual Average Production	koz	161
Operating Costs		
Mining Cost	C\$/t Mined	\$2.60
Mining Cost	C\$/t Milled	\$15.90
Processing Cost	C\$/t Milled	\$7.80
G&A Cost	C\$/t Milled	\$1.40
Total Operating Costs	C\$/t Milled	\$25.10
Refining & Transport Cost	C\$/oz	\$2.50
Cash Costs ²	US\$/oz	\$723
AISC ³	US\$/oz	\$882
Capital Costs		
Initial Capital	C\$M	\$435
Sustaining Capital	C\$M	\$283
Closure Costs	C\$M	\$49
Salvage Value	C\$M	\$10
Financials - Post Tax		
NPV (5%)	C\$M	\$463
IRR	%	23.2
Payback	years	3.5

Area	Initial Capital (C\$M)	LOM Sustaining Capital (C\$M)	Total Capital (C\$M)
Mining	\$72	\$212	\$284
Processing	\$161	\$3	\$164
On Site Infrastructure	\$93	\$65	\$159
Off Site Infrastructure	\$12	\$0	\$12
Project Indirects	\$17	\$1	\$17
Project Delivery	\$25	\$2	\$27
Owner's Costs	\$11	\$0	\$11
Contingency	\$44	\$0	\$44
TOTAL	\$435	\$283	\$718



Notes:
^{1/} Please refer to the Marban Alliance PFS for additional detail
^{2/} Cash costs consist of mining costs, processing costs, mine-level general & administrative expenses and refining charges and royalties
^{3/} AISC includes cash costs plus sustaining capital, closure cost, and salvage value

Appendix A

Marban Alliance Mineral Resource Estimate¹

Deposit	Indicated			Inferred		
	Tonnes (000 t)	Grade (g/t)	Ounces Au (000 oz)	Tonnes (000 t)	Grade (g/t)	Ounces Au (000 oz)
Marban- Open Pit	52,437	1.03	1,736	1,038	0.97	32
Kierens-Norlartic - Open Pit	14,795	1.22	582	1,068	1.42	49
Marban - Underground	162	4.47	23	860	4.43	123
Kierens-Norlartic - Underground	297	3.36	32	182	3.36	20
Total	67,692	1.09	2,374	3,149	2.21	223

Notes:

1/ Refer to the Marban Alliance PFS for the assumptions, qualifications and limitations.

Appendix B

Alpha Mineral Resource Estimate¹

Deposit	Scenario	Category	Tonnes (kt)	Gold (g/t)	Ounces (koz)
Bulldog¹	Underground (1.8 g/t cut-off)	<i>Inferred</i>	2,649	3.2	270
Kappa¹			403	3.7	48
Akasaba²	Open Pit (0.5 g/t cut-off)	<i>Indicated</i>	3,009	1.37	132.5
		<i>Inferred</i>	285	1.76	16.1
	Underground (2.25 g/t cut-off)	<i>Indicated</i>	654	5.79	121.7
		<i>Inferred</i>	1,538	5.51	272.4
Simkar²	Underground (3.0 g/t Au cut-off)	<i>Measured</i>	34	4.71	5.1
		<i>Indicated</i>	208	5.66	37.9
		<i>Inferred</i>	98	6.36	20.1
Orenada²	Open Pit (0.4 g/t cut-off)	<i>Indicated</i>	3,563	1.54	176.1
		<i>Inferred</i>	1,470	1.38	65.1
	Underground (2.0 g/t cut-off)	<i>Indicated</i>	191	3.0	18.4
		<i>Inferred</i>	609	3.12	61.1
Sleepy¹	Underground (3.0 g/t cut-off)	<i>Inferred</i>	1,855	4.7	279.8

Notes:

1/ Refer to the Alpha Report for the assumptions, qualifications and limitations.

2/ See "Cautionary Statement and Technical Information – Caution Regarding Historic Estimates".

Appendix C

Malartic H Mineral Resource Estimate¹

Deposit	Scenario	Category	Tonnes (kt)	Gold (g/t)	Ounces (koz)
Malartic H	Open-Pit	<i>Inferred</i>	10,203	1.04	342

Notes:

^{1/} See "Cautionary Statement and Technical Information – Caution Regarding Historic Estimates".