

The O'Brien Gold Project: A New Vision for an Historic High-Grade Gold Mine in Québec's Abitibi GOLD RUNS IN OUR VEINS

O'Brien Gold Project PEA Webinar July 9, 2025 TSXV:RDS OTCQB:RMRDF

## **Cautionary Statement Regarding Forward-Looking Information**



This presentation contains "forward-looking information" within the meaning of the applicable Canadian securities legislation that is based on expectations, estimates, projections, and interpretations as at the date of this presentation. Forward-looking statements including, but are not limited to, statements with respect to the ability to execute the Company's plans relating to the O'Brien Gold Project as set out in the PEA; the Company's ability to complete its planned exploration and development programs; the absence of adverse conditions at the O'Brien Gold Project; the absence of unforeseen operational delays; the absence of material delays in obtaining necessary permits; the price of gold remaining at levels that render the O'Brien Gold Project profitable; the Company's ability to continue raising necessary capital to finance its operations; the ability to realize on the mineral resource and mineral reserve estimates; assumptions regarding present and future business strategies, local and global geopolitical and economic conditions and the environment in which the Company operates and will operate in the future;, planned and ongoing drilling, the significance of drill results, the ability to grow the O'Brien Gold Project; the ability to grow the O'Brien Gold Project; the ability to negotiate and execute an arrangement with IAMGOLD related to the Doyon Mill on satisfactory terms or at all; and the ability to convert inferred mineral resources to indicated mineral resources.

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", "interpreted", "management's view", "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 information and are intended to identify forward-looking information. Except for statements of historical fact relating to the Company, certain information contained herein constitutes forward-looking statements Forward-looking information is based on estimates of management of the Company, at the time it was made, involves known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the companies to be materially different from any future results, performance or achievements expressed or implied by such forward-looking information. Such factors include, among others; the risk that the O'Brien Gold Project will never reach the production stage (including due to a lack of financing); the Company's capital requirements and access to funding; changes in legislation, regulations and accounting standards to which the Company is subject, including environmental, health and safety standards, and the impact of such legislation, regulations and standards on the Company's activities; price volatility and availability of commodities; instability in the global financial system; the effects of high inflation, such as higher commodity prices; the risk of any future litigation against the Company; changes in project parameters and/or economic assessments as plans continue to be refined; the risk that actual costs may exceed estimated costs; geological, mining and exploration technical problems; failure of plant, equipment or processes to operate as anticipated; accidents, labour disputes and other risks of the mining industry; delays in obtaining governmental approvals or financing; risks relating to the drill results at O'Brien; the significance of drill results; and the ability of drill results to accurately predict mineralization. Although the forward-looking information contained in this presentation is based upon what management believes, or believed at the time, to be reasonable assumptions, the parties cannot assure shareholders and prospective purchasers of securities 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 the Company nor any other person assumes responsibility for the accuracy and completeness of any such forwardlooking information. The Company believes that this forward-looking information is based on reasonable assumptions, but no assurance can be given that these expectations will prove to be correct and such forward-looking statements included in this press release should not be unduly relied upon. The Company does not undertake, and assumes no obligation, to update or revise any such forwardlooking statements or forward-looking information contained herein to reflect new events or circumstances, except as may be required by law. These statements speak only as of the date of this presentation.

Please refer to the "Risks and Uncertainties Related to Exploration" and the "Risks Related to Financing and Development" sections of the Company's Management's Discussion and Analysis dated April 29, 2025 for the years ended December 31, 2024, and the Company's Management's Discussion and Analysis dated May 28, 2025 for the three months ended March 31, 2025, all of which are available electronically on SEDAR+ at www.sedarplus.ca All forward looking statements contained in this press release are expressly qualified by this cautionary statement.

Please see the NI 43-101 "Technical Report on the O'Brien Project, Northwestern Québec, Canada" effective March 2, 2023 and other filings made with Canadian securities regulatory authorities available at www.sedar.com for further details and assumptions relating to the O'Brien Gold Project.



#### **Qualified Persons**

Disclosure of a scientific or technical nature in this presentation was prepared under the supervision of Mr. Richard Nieminen, P.Geo, (QC), a geological consultant for Radisson and a Qualified Person for purposes of NI 43-101. Mr. Nieminen is independent of Radisson and the O'Brien Gold Project.

Renée Barrette of Ausenco Engineering Canada ULC, is the Qualified Person responsible for the preparation of the Project's milling assessment, PEA metallurgy, and for PEA financial model which is based on capital costs, operating costs, and the mining cost provided by other parties. Mr. Luke Evans, M.Sc., P.Eng., ing, of SLR Consulting (Canada) Ltd., is the Qualified Person responsible for the preparation of the Mineral Resource Estimate at O'Brien. Mr. Marc R. Beauvais, P.Eng. of Innov-Explo, a member of Norda Stelo, is the Qualified Person responsible for the mine design and mine scheduling. Mr. Hugo Latulippe of BBA is the Qualified Person responsible for the permitting, environmental, social, water management and closure cost estimate.

Each of Mr. Nieminen, Ms. Barrette, Mr. Evans, Mr. Beauvais and Mr. Latulippe have reviewed and approved the technical information contained in the PEA and in this press release in their area of expertise and are considered to be "independent" of Radisson and the O'Brien Gold Project for purposes of NI 43-101.

#### **Non-IFRS Financial Measures**

The Company has included various references in this document that constitute "specified financial measures" within the meaning of National Instrument 52-112 Non-GAAP and Other Financial Measures Disclosure of the Canadian Securities Administrators, such as, for example, Free Cash Flow, EBITDA, Total Cash Cost and All-In Sustaining Cost. None of these specified measures is a standardized financial measure under International Financial Reporting Standards ("IFRS") and these measures might not be comparable to similar financial measures disclosed by other issuers. Each of these measures are intended to provide additional information to the reader and should not be considered in isolation or as a substitute for measures prepared in accordance with IFRS. Certain non-IFRS financial measures used in this presentation and common to the gold mining industry are defined below.

#### Total Cash Cost and Total Cash Cost per Ounce

Total Cash Cost is reflective of the cost of production. Total Cash Cost reported in the PEA include mining costs, processing & water treatment costs, general and administrative costs of the mine, off-site costs, refining costs, transportation costs and royalties. Total Cash Cost per Ounce is calculated as Total Cash Cost divided by payable gold ounces.

#### All-in Sustaining Cost (AISC) and AISC per Ounce

AISC is reflective of all of the expenditures that are required to produce an ounce of gold from operations. AISC reported in the PEA includes total cash costs, sustaining capital, expansion capital and closure costs, but excludes corporate general and administrative costs and salvage. AISC per Ounce is calculated as AISC divided by payable gold ounces.

#### Free Cash Flow (FCF)

FCF deducts capital expenditures from net cash provided by operating activities. Management believes this to be a useful indicator of our ability to operate without reliance on additional borrowing or usage of existing cash. Free cash flow is intended to provide additional information only and does not have any standardized definition under IFRS and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS. The measure is not necessarily indicative of operating profit or cash flow from operations as determined under IFRS. Other companies may calculate this measure differently.

#### Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA)

EBITDA excludes from net earnings income tax expense, finance costs, finance income and depreciation. Management believes that EBITDA is a valuable indicator of our ability to generate liquidity by producing operating cash flow to fund working capital needs, service debt obligations, and fund capital expenditures. Management uses EBITDA for this purpose.

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- 6. Costing
- 7. Valuation Sensitivities
- 8. Schedule, Permitting and Environment

### **B: O'Brien Exploration**

- 1. Learning from the Old Mine
- 2. Deep Exploration and Growth

### **C: Next Steps**

### **Presenting Today**



Matt Manson President & CEO



**Dave Ross** VP Exploration

### **PEA Authors**

# Ausenco

Metallurgy, Doyon Milling Assessment, Financial Model, Project Management

Mining, Mine Scheduling, Mine Costing



Permitting and Environment, Surface Design, Water Management



Mineral Resource Estimation

**Cautionary Statement:** Readers are cautioned that the PEA is preliminary in nature, it includes inferred mineral resources that are considered too speculative geologically to have economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the PEA will be realized.



## Part A

## **O'Brien PEA**

Matt Manson, President & CEO Dave Ross, VP Exploration



## **O'Brien Preliminary Economic Assessment**

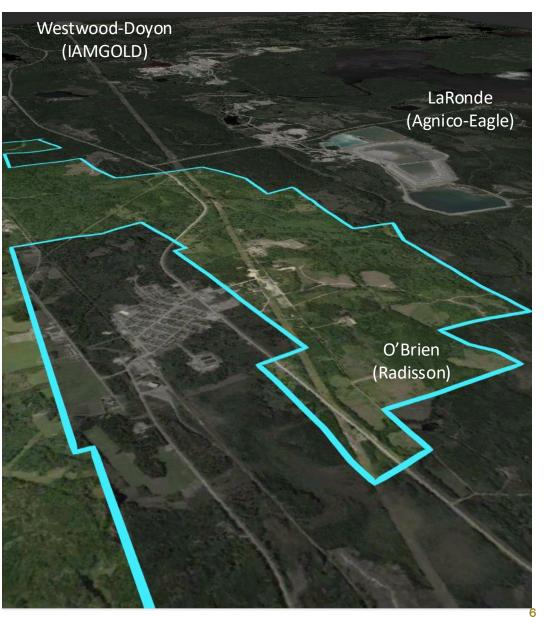
## **Basis of Study**

- Assumes off-site toll milling based on the results of a recent milling assessment and metallurgical study that demonstrated the potential compatibility of the nearby Doyon gold mill, part of IAMGOLD Corporation's Westwood Mine Complex<sup>1</sup>
- Utilizes **existing MRE**, re-blocked with an updated cut-off yielding more ounces in more tonnes at a lower average grade
- Presents base case "snap-shot" study that excludes recent drilling successes outside the existing MRE and below historic mine. 50-60,000m fully funded drill program ongoing

### Result

- Low cost and high value project with significant upside potential
- Use of existing infrastructure surfaces considerable value while minimizing environmental impact
- Extremely **efficient capital allocation** with high NPV<sub>5%</sub> to cost ratio

<sup>1.</sup> IAMGOLD has not independently confirmed the processing assumptions, metallurgical results and/or cost assumptions associated with the required mill upgrades in the scenarios outlined in the PEA.





### **O'Brien PEA: Summary Results**



Value (After	Tax)1				Cost <sup>1,3</sup>		
		US\$2,550 A	\$2,550 Au US\$3,300 Au		Initial Capital	C\$175M	
NP\	/ <sub>5%</sub>	C\$532M	C\$871M		NPV <sub>5%</sub> /Capex	3.0	
IR	R	48%	74%		Sustaining Capital	C\$173M	
Payback	(years)	2.0	1.1		Cash Costs	US\$861/oz Au	
					AISC <sup>4</sup>	US\$1,059/oz	
Mine Plan <sup>1</sup>					Assumptions		
Ν	∕line Life		11 years		Gold Price,	US\$2,000/oz Au	
Mir	ned Ounces		740 koz		DSO Optimization & MRE		
Averag	e Head Grac	e 5.0 g/t Au			Gold Price, Financial Analysis	US\$2,550/oz Au	
Years 2-8:	Productio	n Rate	,		US\$:C\$ F/X	\$0.73	
Steady State Run-	Annual Av	vg. Au			Conceptual Toll Margin <sup>5</sup>	30%	
Rate <sup>2</sup>	Annual Av	rg. FCF	C\$97M				

1. Denotes a "specified financial measure" within the meaning of NI 52-112. See note on "Non-IFRS Financial Measures".

2. Represents full calendar years

2

3. LOM operating costs includes cash operating costs during the initial capital period. Mining operating costs exclude waste development costs and mobile equipment costs which are captured as sustaining capital items

4. AISC includes Royalties, Total Cash Costs and Sustaining Capital, including closure costs. Excludes corporate G&A.

5. Processing toll milling charges are conceptual and have been estimated by Ausenco based on recent industry precedent

### Located in the World's Most Prolific Gold Belt



- Located in the Abitibi greenstone
   belt hosting +100 million gold ounces
   between Ontario and Québec in
   eastern Canada. One of the largest
   and most prolific Neoarchean
   greenstone belts in the world
- O'Brien is located in the 25 Moz Cadillac-Bousquet Camp on the Cadillac-Larder Lake Break
- Surrounded by current and former world-class gold deposits

Nearby Mines and Mills

Nearby Mines and Malartic

Goldex

Nearby Mines and Mills

Nearby Mines and Malartic

Goldex

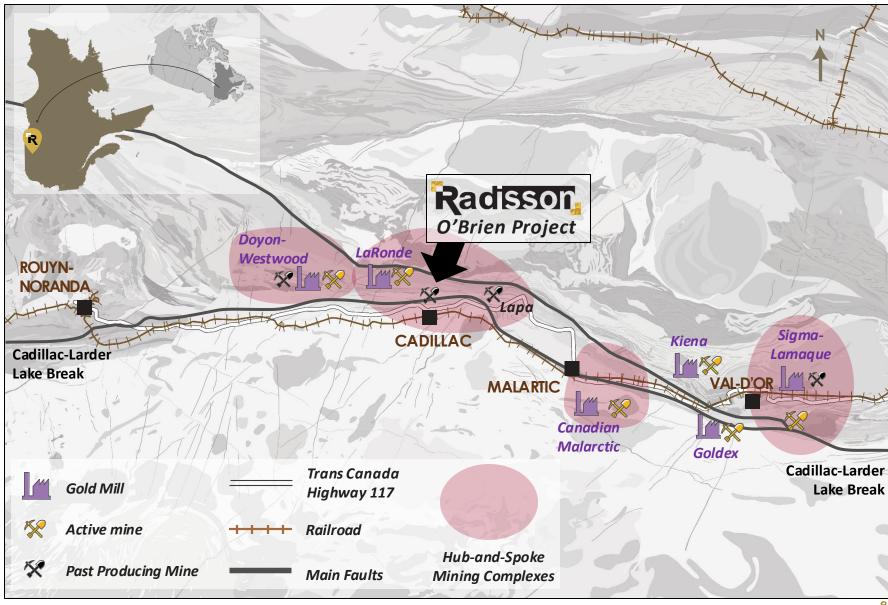
Nearby Mines and Mills

Nearby Mines and Malartic

Goldex

Nearby Mines and Mills

Nearby Min



### **Good Neighbours**

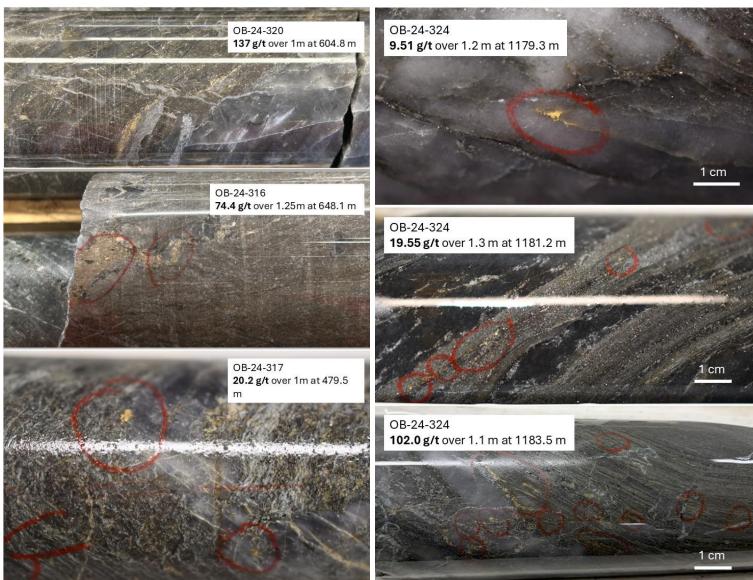




### **O'Brien Mineralogy**



- Quartz-sulphide veins with coarse VG within Piché Formation adjacent to the Cadillac-Larder Lake Break
- High strain, with biotite alteration and pyrite/arsenopyrite association
- Pattern of very high-grade, narrow intercepts within broader altered and mineralized envelopes
  - OB-24-324 with 27.60 g/t Au over 6.0 metres, including 102.0 g/t Au over 1.0 metre (Sept. 24, 2024)
  - OB-24-337 with 31.24 g/t Au over 8.0 metres, including 242.0 g/t Au over 1.0 metre (Dec. 16, 2024)
- Agnico Eagle's Lapa Mine processed at the LaRonde Mill 2008-18 is an analog for mineralogy and metallurgy



### **O'Brien PEA Metallurgical Study and Doyon Milling Assessment**



#### MOU with IAMGOLD and the Doyon Mill:

- Sept. 9, 2024: MOU with IAMGOLD to facilitate milling assessment of processing O'Brien mined material at Doyon mill. Non-binding/non-exclusive
- Doyon is part of the Westwood-Doyon mining complex with capacity of c.3,000 tpd (Westwood c.1,000tpd)
- Feb. 3, 2025: Results of **Metallurgical Study** and **Milling Assessment** published
- 86% to 96% recoveries based on **several flow sheet options**, all of which are compatible with Doyon at **minimal or modest additional capital**
- Average arsenic values of **0.4%** to **0.5%** in whole rock and **4.6%** in flotation concentrate, consistent with precedent projects in Québec's Abitibi and offtake threshold limits for concentrates of high-grade gold projects

#### Flow Sheet Adopted for O'Brien PEA:

- Base Case Gravity-Flotation-Regrind-Leach
- 90% recovery in met study, 87% recovery in PEA after application of graderecovery model to PEA average head grade
- **C\$21M** of capital for mill upgrades<sup>1</sup>
- **Tailings deposition after leach** in the existing Doyon facility.
  - 1. IAMGOLD has not independently confirmed the processing assumptions, metallurgical results and/or cost assumptions associated with the required mill upgrades in the scenarios outlined in the PEA.



21km O'Brien to Doyon



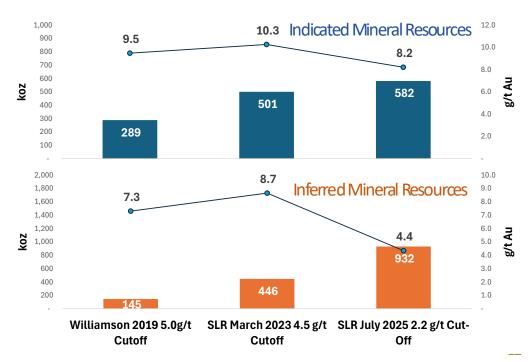
Basis of Estimate	Indica	ted Mineral Res	ources	Inferred Mineral Resources						
Dasis of Estimate	Tonnage (kt)	Grade (g/t Au)	Oz (koz Au)	Tonnage (kt)	Grade (g/t Au)	Oz (koz Au)				
MRE 2023, 4.5 g/t Au Cutoff (US\$1,600, 1.2m minimum width, 85% Recovery)	1,517	10.3	501	1,601	8.7	446				
MRE for PEA, 2.2 g/t Au Cutoff (US\$2,000, 1.2m minimum width, 90% Recovery)	2,204 <i>+45%</i>	8.2 <i>-20%</i>	582 +16%	6,671 <i>+317%</i>	4.4 <i>-50%</i>	932 <i>+109%</i>				

#### Notes to the Mineral Resources

- 1. Prepared in accordance with the Canadian Institute of Mining, Metallurgy and Petroleum (CIM) Definition Standards (2014) and Best Practice Guidelines of Mineral Resources and Reserves (2019).
- 2. Mineral Resources are reported above a cut-off grade of 2.2 g/t Au based on a C\$172.5/t operating cost.
- 3. Mineral Resources are estimated using a long-term gold price of US\$2,000/oz Au, a US\$:C\$ exchange rate of 1:1.33, and a metallurgical recovery of 90%.
- 4. Wireframes were modelled at a minimum width of 1.2 m.
- 5. Bulk density varies by deposit and lithology and ranges from 2.00 t/m<sup>3</sup> to 2.82 t/m<sup>3</sup>.
- 6. Full length composites were capped 40 g/t Au.
- 7. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.
- 8. Numbers may not add due to rounding.

#### Notes on Historical Disclosure of Mineral Resources at the O'Brien Gold Project

- 1. Evans, L., 2023, NI 43-101 Technical Report on the O'Brien Project, Northwestern Québec, Canada
- 2. Williamson, K., 2019, NI 43-101 Technical Report and Mineral Resource Estimate for the O'Brien Project,
- 3. Beausoleil, C., 2018, NI 43-101 Technical Report and Mineral Resource Estimate for the O'Brien Project, Abitibi, Québec, prepared for Radisson Mining Resources Inc. by InnovExplo, May 3, 2018.
- 4. Richard, P., Turcotte, B., Carrier, A., 2015, Technical Report for the O'Brien Project, Abitibi, Québec, prepared by InnovExplo for Radisson Mining Resources Inc., June 3, 2015.

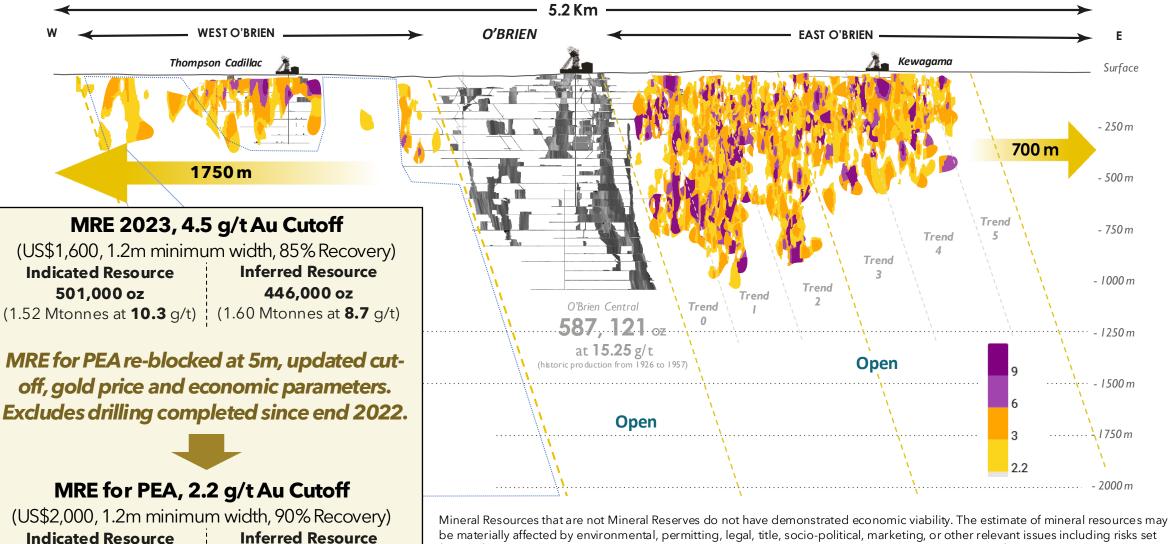


### **O'Brien PEA Mineral Resource Estimate**

932,000 oz

(6.67 Mtonnes at **4.4** g/t)





be materially affected by environmental, permitting, legal, title, socio-political, marketing, or other relevant issues including risks se forth in filings made with Canadian securities regulatory authorities and available at www.sedar.com. Refer to "Notes to the Mineral Resources" on slide "O'Brien Mineral Resource Estimate"

582,000 oz

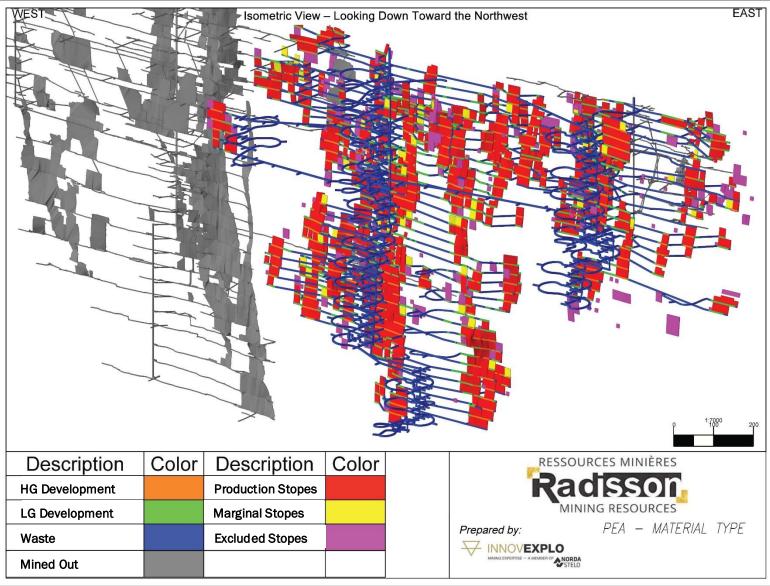
(2.20 Mtonnes at **8.2** g/t)

### **O'Brien PEA Underground Mine Design**



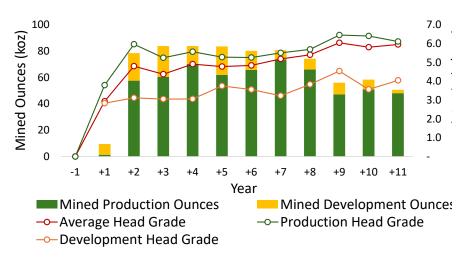
- Long Hole Stoping with cemented rock backfill
- DSO Optimization at US\$2,000/oz Au
- Twin portals and 4.5mx4.5m ramp access
- 2.2m minimum and 2.7m average stope widths
- **20 tonne trucks** and vertical conveyor from 300m level to surface
- 86km of development and 25m levels
- Does not utilize infrastructure from historic O'Brien Mine. Utilizes Kewagama Mine infrastructure for ventilation
- DSO optimization **delivers significantly more mined material** in both existing and new production stopes and development areas at higher gold prices

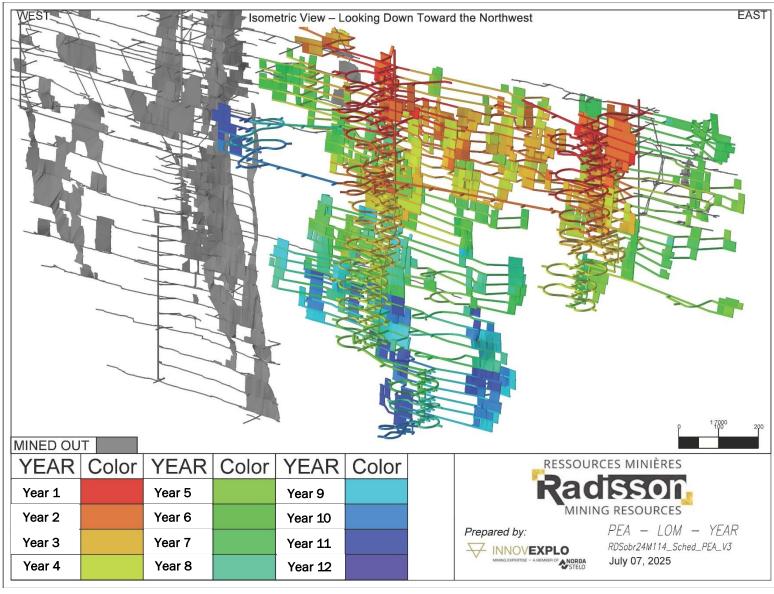
Material	Tonnes (kt)	Oz (koz Au)	Head Grade (g/t Au)
Production Stopes	3,146	588	5.8
Marginal Stopes	169	16	2.9
HG Development	469	91	6.0
LG Development	790	45	1.8
Total	<u>4 575</u>	<u>740</u>	<u>5.0</u>
Waste	3,314	n/a	n/a





- 11-Year Mine life to 900m depth
- Years 2-8 stope production at 1,160 tpd
- PEA contemplates up to **2,000 tpd** of mill capacity
- Hence, all mineralized mined material is scheduled for processing, including low grade development materials, giving average head grade of 5.0 g/t Au, and delivering 1,410 tpd to the mill (years 2-8)
- Eliminates the need for a low-grade surface stockpile





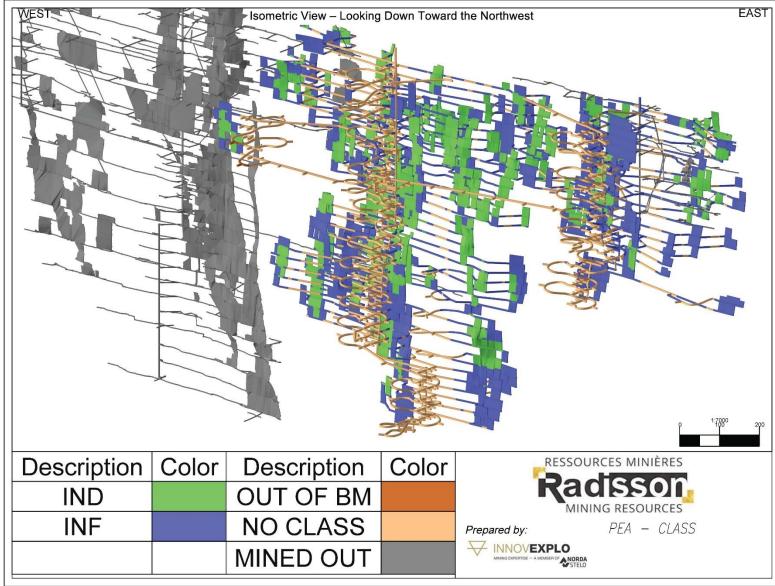
### **O'Brien PEA Production Classification**



- Approximately 56% of mined ounces in the PEA mine plan are from Indicated Mineral Resources, and 44% from Inferred Mineral Resources
- Indicated and Inferred Mineral Resource blocks are equally distributed through the 11year mine life
- Future infill drilling will be required for resource conversion.

**Cautionary Statement:** Readers are cautioned that the PEA is preliminary in nature, it includes inferred mineral resources that are considered too speculative geologically to have economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the PEA will be realized.

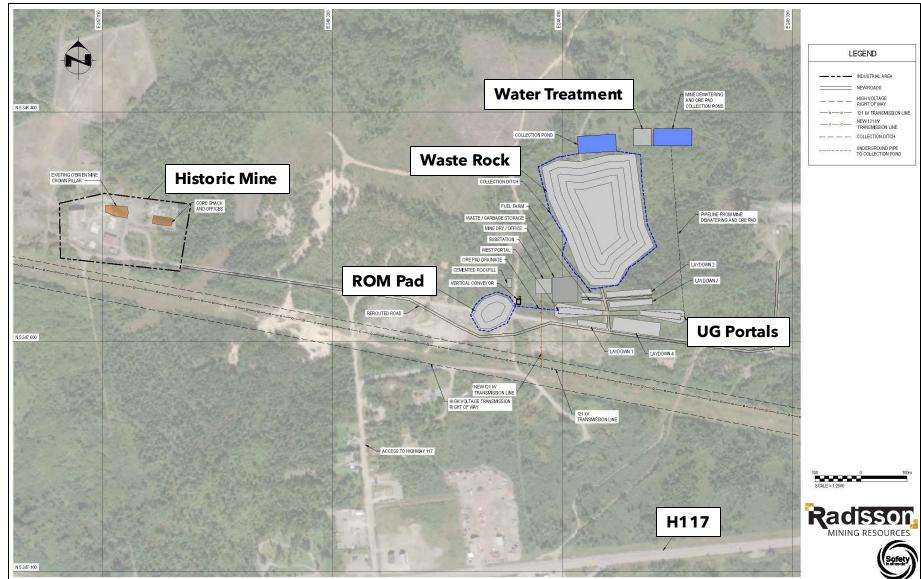
Material	Tonnes (kt)	Oz (koz Au)	% of Mined Ounces
Indicated Mineral	2,290	413	56%
Resources			
Inferred Mineral	2,284	326	44%
Resources			
Total	<u>4 575</u>	<u>740</u>	<u>100%</u>



### **Surface Facilities**



- No mill, tailings facility, or major surface earthworks
- No requirement for major access or power infrastructure
- No camp, surface maintenance (small vehicle maintenance at existing O'Brien facilities)
- New UG portals and site infrastructure located to the east of the current O'Brien Mine site
- New substation and connection to 121 kV Hydro-Québec line
- New haul roads and site access to H117
- Water treatment plant
- LOM Waste stockpile and water management
- ROM ore pad fed by vertical conveyor. No stockpiling of LG mined material.
- Modular mine dry and site offices





### LOM Capital Costs (C\$M)<sup>note 1,2</sup>

Mining Capex	\$93		
Mobile Equipment	\$25.7		
Mine Development	\$47.4		
Buildings	\$0.4		
Mine Services	\$19.7		
Process Plant	\$21		
Flotation	\$4.6		
Regrind	\$14.3		
Reagents	\$2.0		
Onsite Infrastructure	\$16		
Offsite Infrastructure	\$8		
Indirects	\$14		
Owners Cost	\$4		
Contingency	\$20		
Initial Capital <sup>note4</sup>	\$175		
Sustaining Capital	\$173		
Closure	\$5		
Salvage	\$(3)		
Total	\$ 350		

### LOM Operating Costs and AISC<sup>note 1,2</sup>

Mining Houlogo and Water Management	\$346	C\$M
Mining, Haulage and Water Management	\$75.66	C\$/tonne milled
Processing & Tailings	\$173	C\$M
Processing & Tailings	\$37.71	C\$/tonne milled
G&A	\$142	C\$M
GaA	\$31.06	C\$/tonne milled
	\$87	C\$M
Process Toll	\$18.94	C\$/tonne milled
Totol	\$656	C\$M
Total	\$143.46	C\$/tonne milled
Off-Site Costs, Refining and Transport	\$6	C\$M
Royalties	\$10	C\$M
Total Cash Costs	\$861	US\$/oz
Sustaining Capital, Closure & Salvage	\$197	US\$/oz
Total AISC <sup>note5</sup>	\$1,059	US\$/oz

1. See "Non-IFRS Measures".

2. Initial Capital Costs for Year -1 and Year +1, with commercial production assumed for end of Year +1. Sustaining Capital Costs begin at Year +2

3. Initial Capital Costs exclude operating costs in Year +1 (C\$27M total) which are reflected in Operating Costs.

4. Columns may not sum exactly due to rounding.

5. AISC includes Royalties, Total Cash Costs and Sustaining Capital, including closure costs. Excludes Corporate G&A.



### Valuation Sensitivities to Gold Price (C\$M)<sup>note1,2</sup>

Gold Price (US\$/oz) Price Case		\$1,800 Downside	\$2,200	\$2,550 Consensus	\$3,000 <i>Upside</i>	\$3,300 <i>Spo</i> t
After Tax NPV <sub>5%</sub>	C\$M	\$193	\$374	\$532	\$736	\$871
After Tax IRR		21%	35%	48%	64%	74%
NPV <sub>5%</sub> /Capex		1.1	2.1	3.0	4.2	5.0
Payback <sup>note 2</sup>	Years	4.3	2.7	2.0	1.4	1.1
Average Annual FCF <sup>note 3</sup>	C\$M	\$48	\$74	\$97	\$127	\$147

### Valuation Sensitivities to Operating Parameters<sup>note1,2</sup>

Factor		-20%	-10%	0%	+20%	+40%
Factor		-20/0	-10/0	U /0	<b>τΖU</b> /0	<b>⊤4</b> U/0
One veting Cost	IRR	55%	51%	48%	44%	40%
Operating Cost	NPV	\$611	\$572	\$532	\$493	\$454
Initial Consider Coast	IRR	57%	52%	48%	44%	41%
Initial Capital Cost	NPV	\$557	\$545	\$532	\$520	\$508
		0.65	0.70	0.73	0.75	0.80
	IRR	59%	52%	48%	40%	35%
C\$:\$US F/X	NPV	\$674	\$582	\$532	\$432	\$370

- 1. See "Non-IFRS Measures".
- 2. Payback is defined as achieving cumulative positive free cashflow after all cash costs and capital costs, including sustaining.
- 3. During Steady-state Years 2-8, Calculated After-Tax, LOM, unlevered.

### Schedule, Permitting and EA



- O'Brien is subject to the Québec Environmental Quality Act and is expected to be subject to a Québec Environmental Impact Assessment and Review. The Project is not expected to be subject to a Federal Impact Assessment procedure but will be subject to the Metal and Diamond Mining Effluent Regulations (Fisheries Act).
- The Project is located within the Abitibi-Témiscamingue region of Québec in the township of Cadillac, part of the municipality of Rouyn-Noranda. First Nations within the Project's expected area of expected economic and social influence are the Pikogan FN (Abitibiwinni) and Long Point FN (Anishinabeg).
- Environmental baseline data collection underway includes seismic, noise, and air quality, and water quality.

		Yea	ar -4		Year -3			Year		ar -2		Year -1		Year 1			Year 2							
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Engineering Studies																								
Stakeholder Consultation					:				:				: -				:				:			
<b>Baseline Studies</b>																								
Management Plans									:															
EA									1				1											
Permitting																	:							
Early Works																								
Construction																	ļ							
Operation																								



## Part B

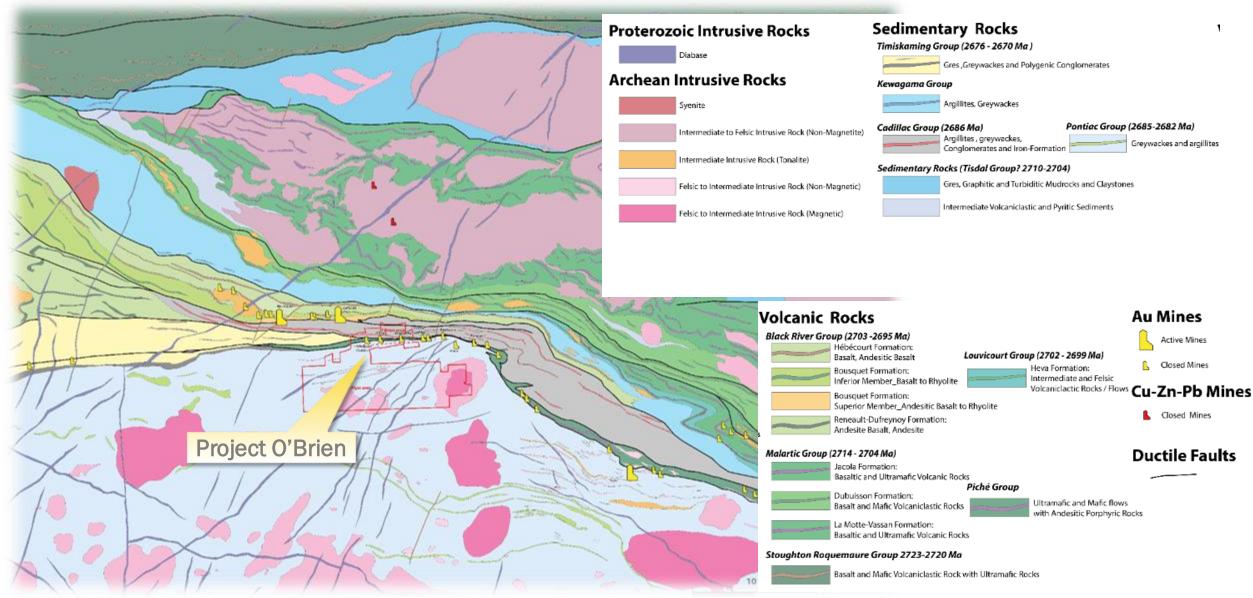
## **O'Brien Exploration**

Dave Ross, VP Exploration



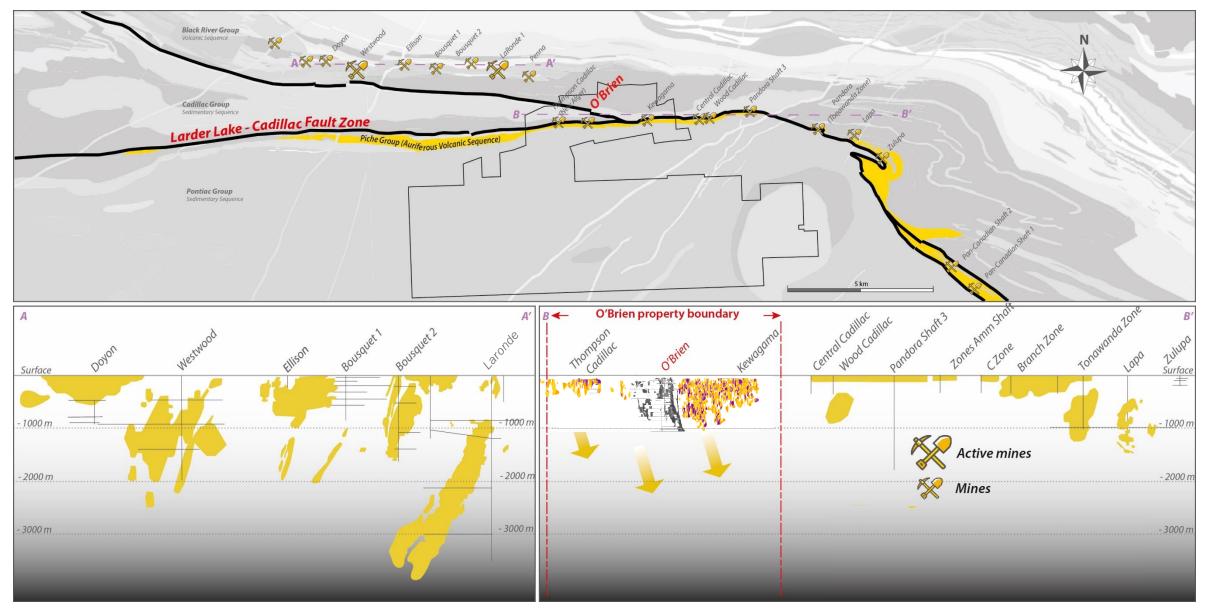
### **Understand Geology: Regional Setting**



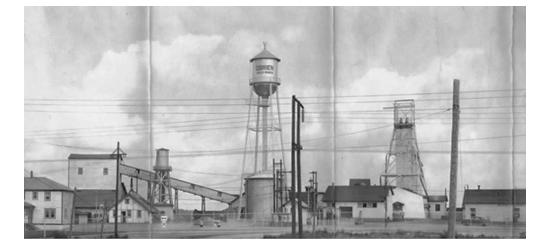


### Understand Geology: Gold Deposits in the Cadillac-Bousquet District









O'Brien Mine historical production of 587,121 oz 1926 - 1957

1.2M tonnes at 15.25 Au g/t<sup>1</sup>

1. Technical report on the O'Brien project, Northwestern Québec, Report for NI 43-101, SLR Consulting (Canada) Ltd., March 2, 2023

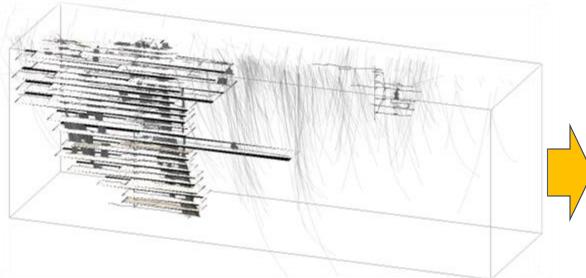
TABLEAU 2 - Production d'or (en kilogrammes) de la région de Bousquet-Cadillac de 1932 à 1988 par mine et par année.

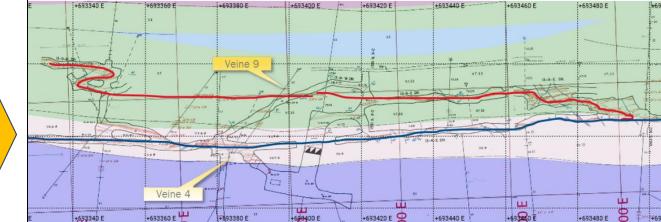
Année	O'Brien	Thompson Cadillac (New Alger	Cadillac	Wood Cadillac	Pandora	Central Cadillac	Mic Mac	Bousquet	Doyon	LaRonde (Dumagami)	Total
1932	100,4 (e)	*									100,4
1933	200,9 (e)										200,9
1934	301,2 (e)										301,2
1935	401,7 (e)										401,7
1936	448,3	53,8				-					502,1
1937	1 147,1	127,1									1 274,2
1938	1 273,4	203,9	45,8								1 523,1
1939	1 090,1	127,2	308,3	12,1	153,4	12,5					1 703,6
1940	813,8		296,6	392,0	251,5	270,9					2 024,8
1941	782,1		267,8	307.5	267,9	278.0					1 903,3
1942	860.0		379,3	134,9	165.0	283,0	278,7				2 100,9
1943	816,9		172,2			109,8	628,8				1 727.7
1944	805,9						658,1				1 464,0
1945	781,2						735,0				1 516,2
1946	666,3		_				768,1				1 434,4
1947	712,7					178.0	272,9				1 163,6
1948	916,5					483,9					1 400,4
1949	806,1					348,3					1 154,4
1950	877,8					010,0					877,8
1951	858,4		_								858,4
1952	775,9										775,9
1953	761,3										761,3
1954	821,0										821.0
1955	696,9										696.9
1955	567,3										567,3
1956	16,5										16,5
1957	10,5										10,5
										_	143.7
1978	66,6 (e)							77,1			1 659,6
1979	133,1 (e)					-		873,3	653,2		
1980	66,6 (e)							1 771,3	2 840,1		4 678,0
1981								2 393,5	3 356,4		5 749,9
1982			-					2 197,1	4 639,9		6 837,0
1983								2 958,8	4 737,0		7 695,8
1984								3 096,4	6 141,6		9 238,0
1985						_		3 079,7	5 636,0		8 715,7
1986								2 041,0	7 157,5		9 198,5
1987						_		2 699,0	8 360,8		11 059,8
1988								3 098,1(e)	8 590,8 (e	) 759,6(e)	12 448,5
Total	18 566,0	512,0	1 470,0	846,5	837,8	1 964,4	3 341,6	24 285,3	52 113,3	759,6 1	04 696,5

\* e = production estimée

### Learning from the Old Mine: Vein Morphology

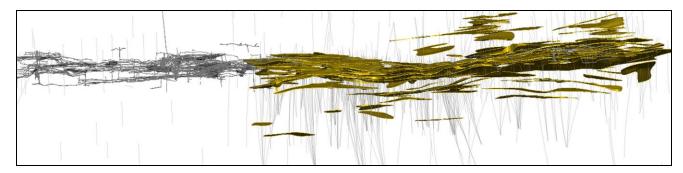






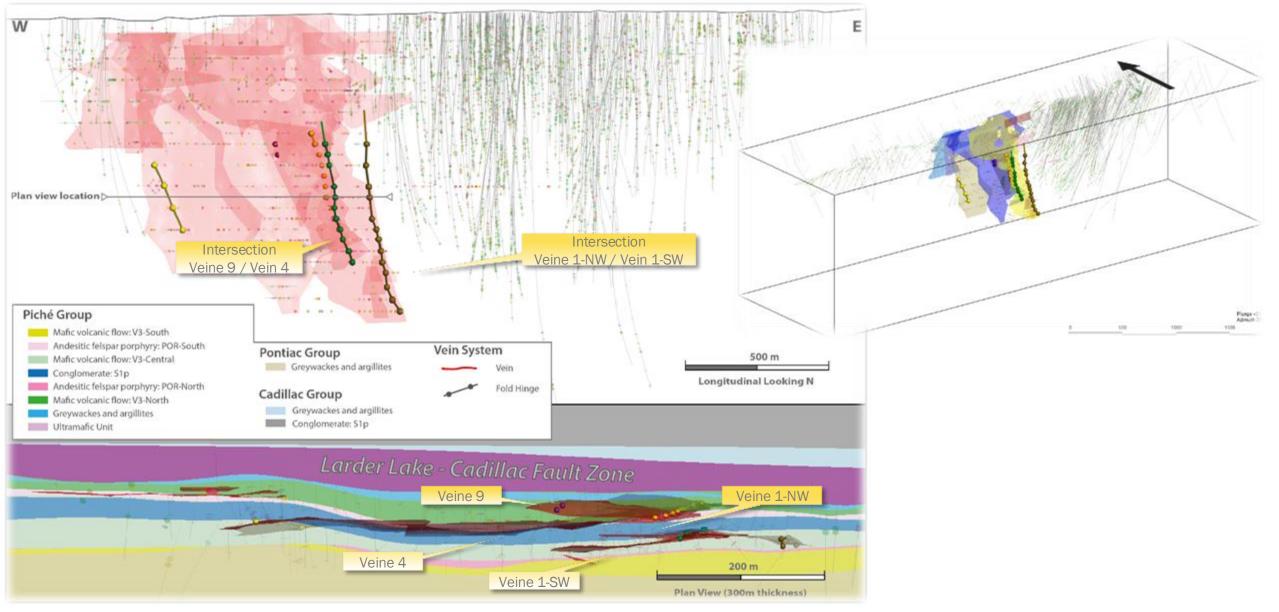
- Good understanding of vein morphology and continuity from mapping of **historic O'Brien workings**
- At large-scale the veins are continuous, sub-parallel to the stratigraphy and are developed within multiple units of the Piché Group.
- Mineral resource estimate is based on over 100 modelled mineralized domains of individual veins
- The model **respects vein geometries and relationships** shown in the historically mined veins





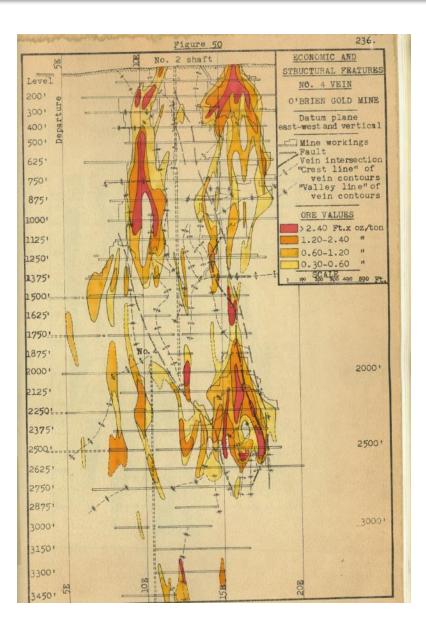
### Learning from the Old Mine: Vein Morphology





### Learning from the Old Mine: Grade Continuity





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A PETROLOGIC AND DECREPITOMETRIC STUDY OF THE GOLD MINERALIZATION AT THE O'BRIEN MINE NORTHWESTERN QUEBEC

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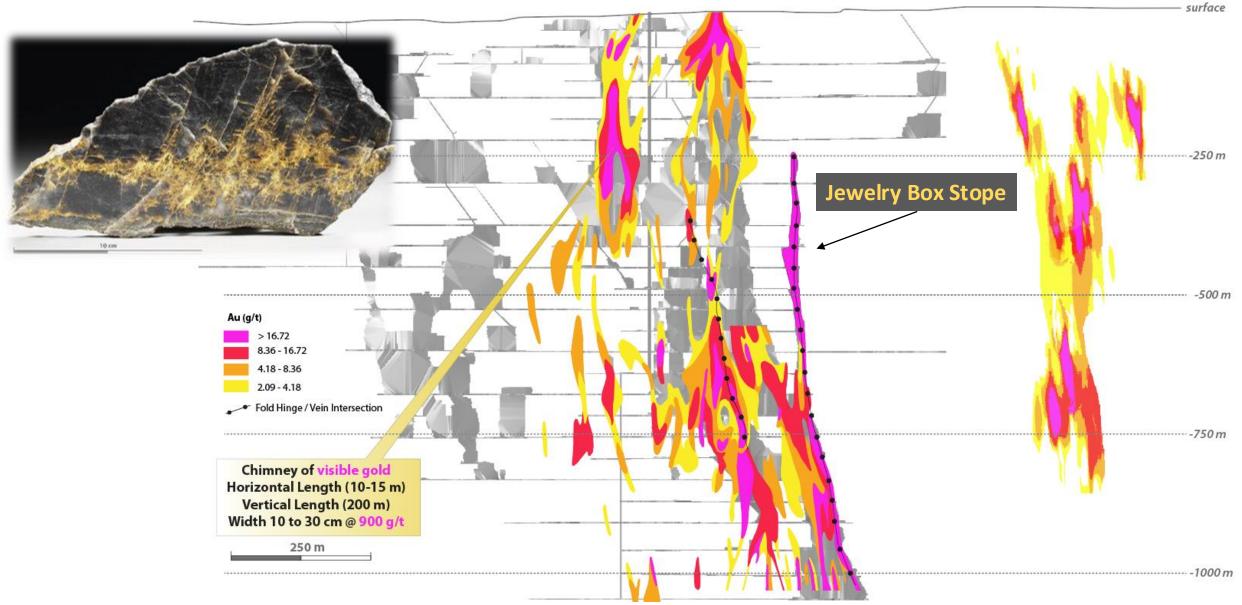
Roger A. Blais, M.Sc.

A Thesis submitted in conformity with the requirements for the Degree of Doctor of Philosophy in the University of Toronto

May, 1954

### Learning from the Old Mine: Grade Continuity

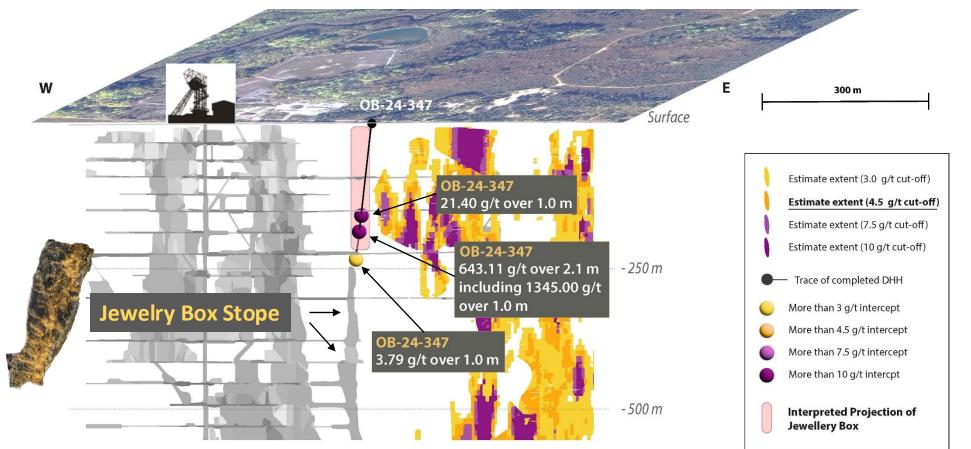


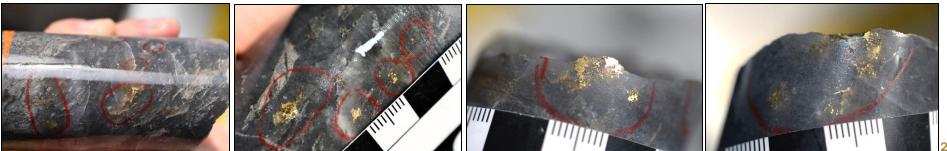


## December 9, 2024: 1.35 kg/t Au at Re-Discovered Jewellery Box



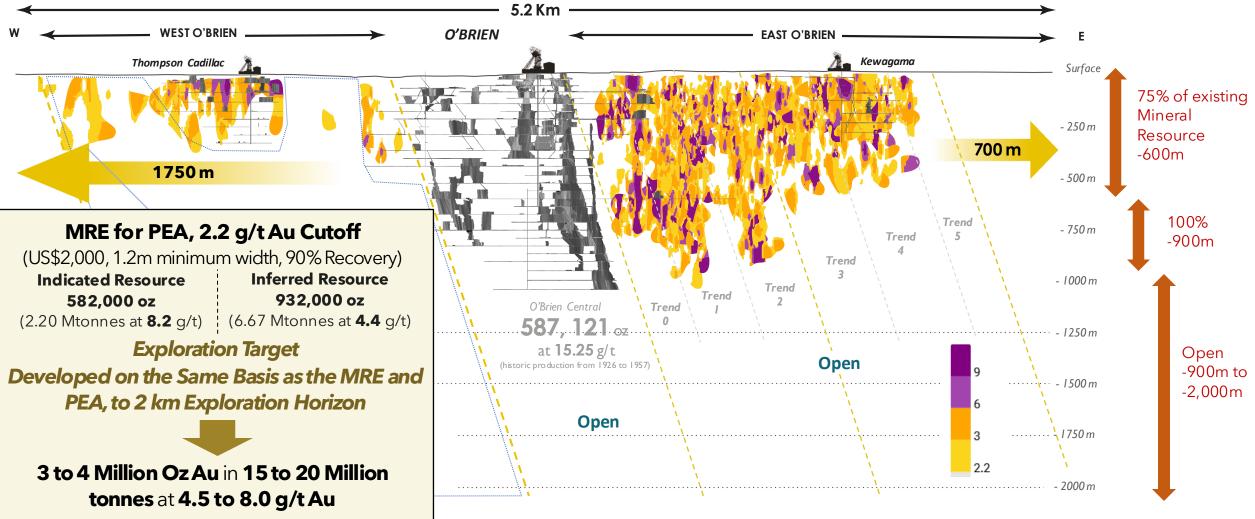
- OB-24-347: 1,345 g/t Au over 1 metre (within 643.1 g/t over 2 metres)
- Re-Discovery of Famous O'Brien **"Jewelry Box"**
- Believed to have been the source of O'Brien's famous **museum quality** VG specimens
- Mined between 250 750 metres depth. Lost above 250 metres





### **Deep Exploration and Growth: O'Brien Exploration Potential**





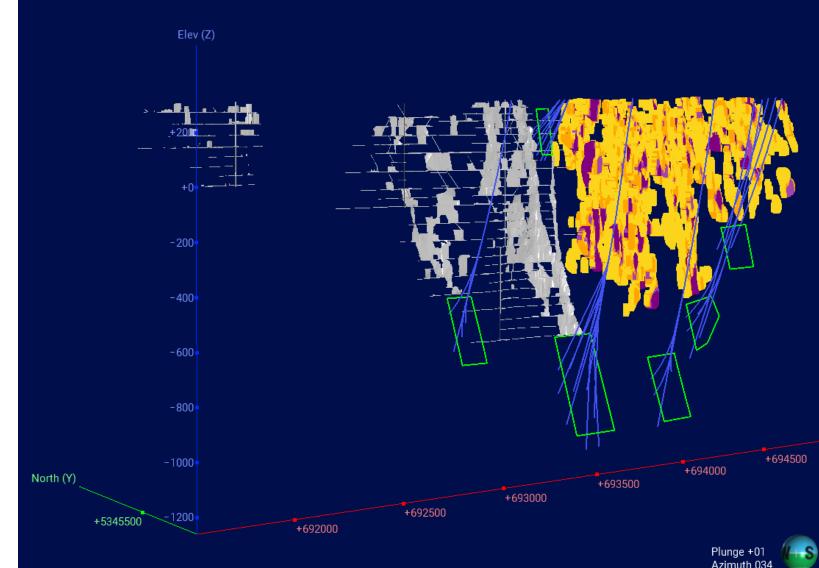
**Cautionary Statement:** Readers are cautioned that the potential quantity and grade of an Exploration Target is conceptual in nature, there has been insufficient exploration to define a mineral resource and that it is uncertain if further exploration will result in the target being delineated as a mineral resource.

Mineral Resources that are not Mineral Reserves 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 including risks set forth in filings made with Canadian securities regulatory authorities and available at www.sedar.com. Refer to "Notes to the Mineral Resources" on slide "O'Brien Mineral Resource Estimate"

## Deep Exploration and Growth: 2025 Drill Program



- January 2025: Initial 22,000m drill program expanded by an additional 30-40,000m in May
- Total **50-60,000m** drill program for the remainder of 2025 and into 2026
- Fully-funded
- Targeting deep drilling below existing MRE, below historic mine workings and below Thompson-Cadillac
- Deep pilot holes with **wedges** and **directional drilling**



### **Deep Exploration and Growth: Proof of Concept Visible Gold**

- As of May 2025, **27 pilot holes and wedges** • had been completed beneath the historic O'Brien mine and the new Mineral Resources at East O'Brien of which **14** have been published.
- Results from **13** holes are pending. •

2023 Mineral Resource Estimate<sup>1</sup>

Indicated Resource Inferred Resource

(1,601,000 t)

446,000 oz

at 8.66 g/t Au

filings made with Canadian securities regulatory authorities and available at www.sedar.com.

(1,517,000 t)

501,000 oz

at 10.26 g/t Au

Coarse visible gold has been logged in 19 of ٠ the 27 holes, including all 8 holes beneath the principal mining stope at the historic mine.

1. Technical report on the O'Brien project, Northwestern Québec, Report for NI 43-101, SLR Consulting (Canada) Ltd., March 2, 2023.

Mineral Resources that are not Mineral Reserves 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 including risks set forth in

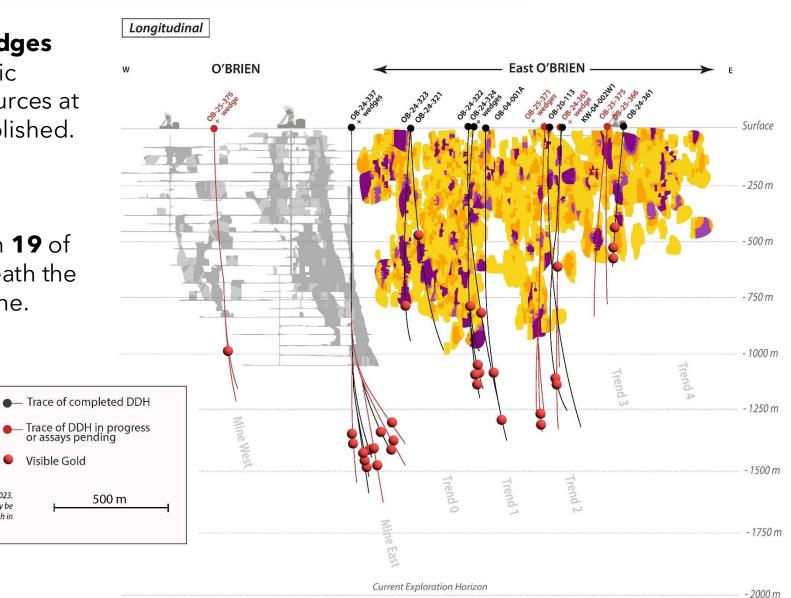
Estimate extent (3.0 g/t cut-off)

Estimate extent (4.5 g/t cut-off)

Estimate extent (7.5 g/t cut-off)

Estimate extent (10.0 g/t cut-off)

Visible Gold

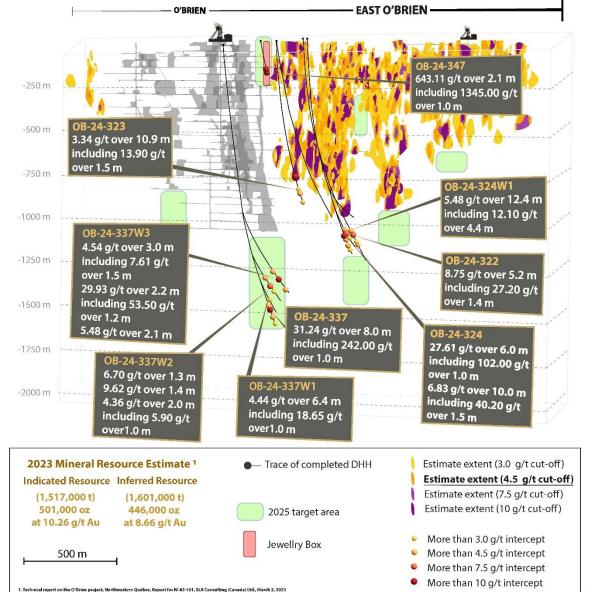




### Deep Exploration and Growth: Proof of Concept Drill Results



- OB-24-324 is **170 metres below current Mineral Resources** at "Trend #1"
  - On September 24, 2024: OB-24-324 hit 27.61 g/t Au over 6.0 metres, including 102.0 g/t Au over 1.0 metres at 1,100 metres depth
- OB-24-337 is the **deepest ever hole drilled** at the Project and the **first below the historic mine workings** 
  - On December 16, 2024: OB-24-337 hit 31.24 g/t Au over 8.0 metres, including 242.0 g/t Au over 1.0 metre at 1,500 metres depth
- Three new wedges completed from OB-24-337 (April 2, 2025):
  - OB-24-337W3 intersected **29.93 g/t Au over 2.2** metres, including **53.50 g/t Au over 1.2 metres**
  - OB-24-337W1 intersected **4.44 g/t Au over 6.4 metres**, including **18.65 g/t Au over 1.2 metres**
  - OB-24-337W2 intersected 9.62 g/t Au over 1.4 metres



## **Deep Exploration and Growth: Proof of Concept Continuity**

MINING RESOURCES

4.54 g/t over 3.0 m including 7.61 g/t over 1.5 m

29.93 g/t over 2.2 m including 53.50 g/t over 1.2 m

B-24-337W3

8-24-337W3 5.48 g/t over 2.1 m

B-24-337W2

B-24-337W2

3.78 g/t over 2.3 m including 5.78 g/t over 1.1 r

250 m

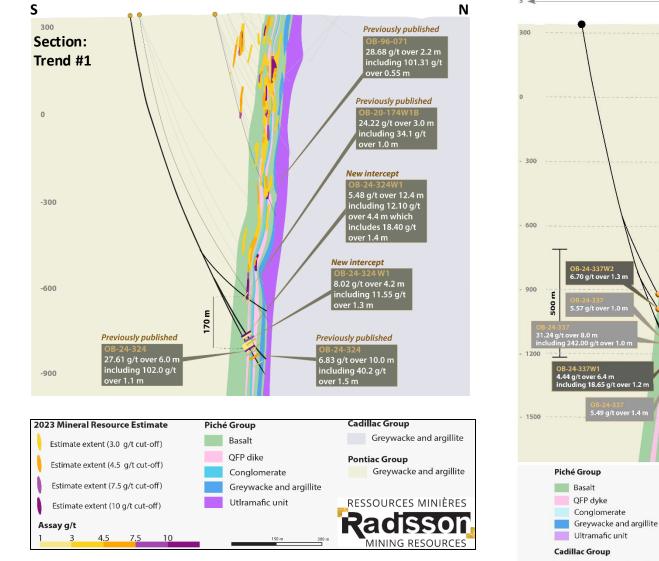
Greywacke and argillite

Greywacke and argillite

Pontiac Group

9.62 g/t over 1.4 m

- The recent deep drilling is also demonstrating continuity of grade and mineralization to depth
- This was predicted by the steeply plunging ore**shoots** of the historic O'Brien mine
- Continuity is being demonstrated over large distances: the latest drilling is **170 metres below** the current MRE at Trend #1 and 500 metres **below** the level of the historic mine



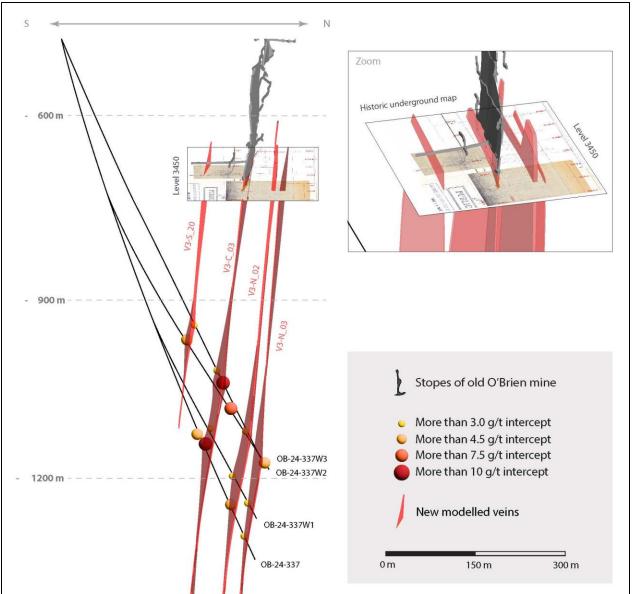


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### Deep Exploration and Growth: Connecting to Base of Historic Mine



- April 2, 2025: three new wedges completed and published from **OB-337-24**
- All four holes intersect mineralization and resolve up to four new veins
- Main central vein connects to principal mining stope at the historic mine and is resolved by all four holes. It includes:
  - OB-24-337 **31.24 g/t Au over 8.0 metres,** including **242.0 g/t Au over 1.0 metre**, and
  - OB-24-337W3 29.93 g/t Au over 2.2 metres, including 53.50 g/t Au over 1.2 metres
- Clear continuity between the drill holes and upwards towards mineralization documented at the **base of former mine**
- Results are pending for **four additional wedges**, all of which show vein mineralization and visible gold consistent with the developing model





## Part C

**Next Steps** 

Matt Manson, President & CEO



### **Next Steps**





### **Pursuing Exploration Growth**

- The PEA is a "**Snap-Shot**" of a Growing Project
- Significant Success with Ongoing Exploration
- Focus on Resource Potential below Existing MRE and Historic Mine
- Moving to **4 Rigs**
- Fully Funded **50-60,000m** drill program through **2025** and **2026**

### **Pursuing Development Path**

- The PEA offers a Credible and Practical Development Path for O'Brien
- Environmental Baseline Data leading to a future EA and Permitting
- Additional Engineering Studies and Mine Plan Optimizations
- Community Consultations
- Conversations with Potential Processing Partners

### **Contact Information**





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