

# Radisson

MINING RESOURCES

**Growing & Advancing The O'Brien  
Gold Project: One of Quebec's Most  
Historic and High-Grade Gold Projects**

**Corporate Update  
January 8, 2025  
TSXV:RDS OTCQB:RMRDF**



# Cautionary Statement Regarding Forward-Looking Information

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Except for historical information certain statements included in this presentation are forward-looking statements within the meaning of Canadian securities laws. Such statements may include words such as “Anticipates”, “schedule”, “projects”, “plans”, “targets”, “programs”, “continues”, “estimates”, “could”, “should”, “would” or “will”. Forward-looking statements made in this presentation involve significant risks and uncertainties. These risks and uncertainties include the inherent risks involved in the exploration and development of mineral properties. The uncertainties involved in interpreting drilling results and other geological data. fluctuating metal prices. The possibility of project cost overruns or unanticipated costs and expenses. uncertainties relating to the availability and costs of financing needed in the future. and other factors. The Corporation disclaims any intention or obligation to update forward-looking statements if circumstances or management’s estimates or opinions should change. The reader is cautioned not to place undue reliance on forward-looking statements.

All references to currency made in this presentation are in Canadian dollars unless otherwise stated.

Richard Nieminen, P.Geo., Geological advisor acts as a Qualified Person as defined in National Instrument 43-101 and has reviewed and approved the technical information in this presentation. Mr. Luke Evans P.Eng., ing (ON, QC) of SLR Consulting (Canada) Ltd. is the Qualified Person responsible for the preparation of the Mineral Resource Estimate for the O’Brien Project effective March 2, 2023.

Please see the NI 43-101 “Technical Report on the O’Brien Project, Northwestern Quebec, Canada” effective March 2, 2023, Radisson’s Annual Information Form for the year ended December 31, 2023 and other filings made with Canadian securities regulatory authorities available at [www.sedar.com](http://www.sedar.com) for further details and assumptions relating to the O’Brien Gold Project.

# Radisson and the O'Brien Gold Project

- Exploring the **Historic O'Brien Mine** in **Quebec's Abitibi**
- **c.1 Moz** of **High-Grade** Mineral Resources and **Growing**
- **35,000m** 2024 drill program ongoing. **Funded for 2025 Program**
- **Refreshed Board and Team** with **track record** of major mine development
- **September 9 2024: MOU** with **IAMGOLD** to assess O'Brien processing at **Doyon Mill** (Doyon-Westwood Complex)



***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

**News Release**  
**December 9, 2024:**

**1,345 g/t Au over 1m**  
*(within 643.1 g/t over 2m)*

**Re-Discovery of Famous**  
**O'Brien "Jewellery Box"**



**GOLD RUNS  
IN OUR  
VEINS**



# Leadership



**Pierre Beaudoin** Chairperson  
30+ years of mining experience. Formerly COO (2018-2024) of SilverCrest Metals Inc. for Las Chipas Project. Formerly COO (2013-2017) of Detour Gold for Detour Lake Project. Barrick Gold, Lac Minerals Ltd. and Noranda Minerals



**Lise Chenard** Director  
40+ years of mining experience. Previously with Campbell Chibougamau Mines, Lac Minerals and Barrick Gold. Held positions as Chief Geologist at Barrick Gold and Senior Director of Mining Geology & Senior Technical Advisor for IAMGOLD



**Michael Gentile** Director  
20 years capital markets experience. Founding Partner and Senior PM at Bastion asset management. 20+ years as an active/successful mining investor



**Peter MacPhail** Director  
35+ years of mining experience. Formerly COO (2015-2022) of Alamos Gold, Aurico and Northgate Minerals. Led development of Young Davidson mine, La Yaqui Grande mine in Mexico, and initial expansion of Island Gold mine



**Jeff Swinoga** Director  
25+ years of mining experience. President, CEO & Director of Exploits Discovery Corp.. Previously National Mining and Metals Co-Leader at Ernst & Young Canada. Director, PDAC



**Cindy Valence** Director  
20 years of experience in Senior management positions. Recently Executive VP and Chief Sustainability Officer at Sayona Mining Ltd. Women In Mining, Abitibi



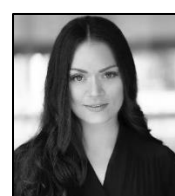
**Matt Manson** President & CEO, Director  
30+ years of mining experience. Led Marathon Gold's C\$500M Valentine Gold Project. Led Stornoway Diamond's C\$800M Renard Project. Northern Miner Mining Person of the Year 2017. PDAC Viola Macmillan Award 2015



**Hubert Parent-Bouchard** CFO  
12 years accounting/finance/mining experience. Treasurer & Director, CIM Rouyn-Noranda branch.



**Dave Ross** VP Exploration  
25+ years experience in mineral resource estimation and exploration. Previously, VP Geology and Exploration Calibre and Marathon Gold. Senior Manager Resources Teranga. 15 Years with RPA (now SLR)

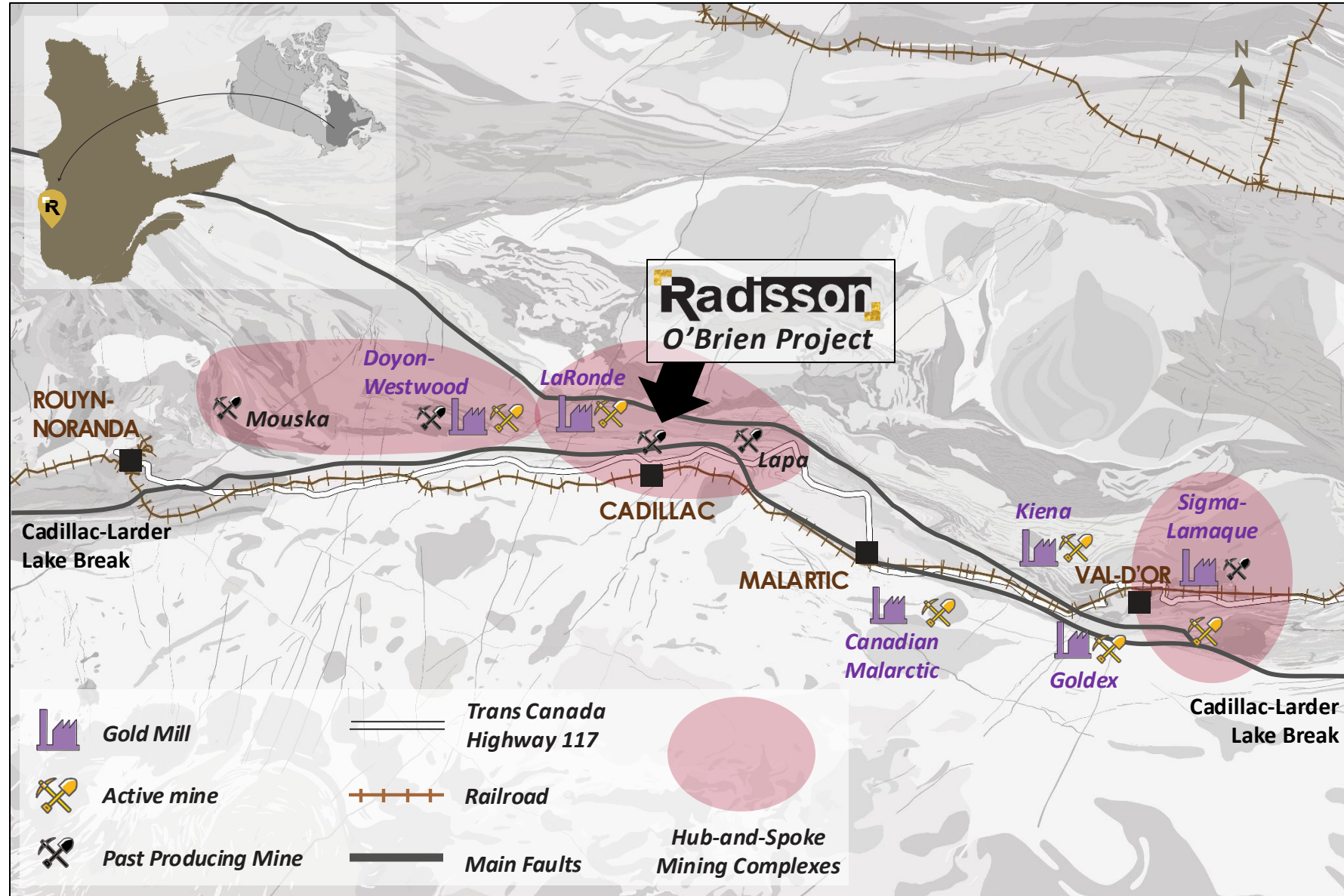


**Kristina Pillon** Manager, IR  
14 years capital markets experience focused primarily in resources sector in investor relations, marketing and institutional equity sales. President & CEO of High Tide Consulting Corp.

**\* New in 2024**

# Located in the World's Most Prolific Gold Belt

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



## Nearby Mines and Mills



LaRonde  
Canadian Malartic  
Goldex



Doyon-Westwood



Sigma-Lamaque



Kiena

# O'Brien: 21 Km from Doyon-Westwood, 7 Km from LaRonde



Doyon-Westwood Mine and Mill

LaRonde Mine and Mill

Highway 117

Hydro-Electric Power

Old O'Brien Mill

Coreshack/Office

## The Benefits of Location in a Mature Mining Camp

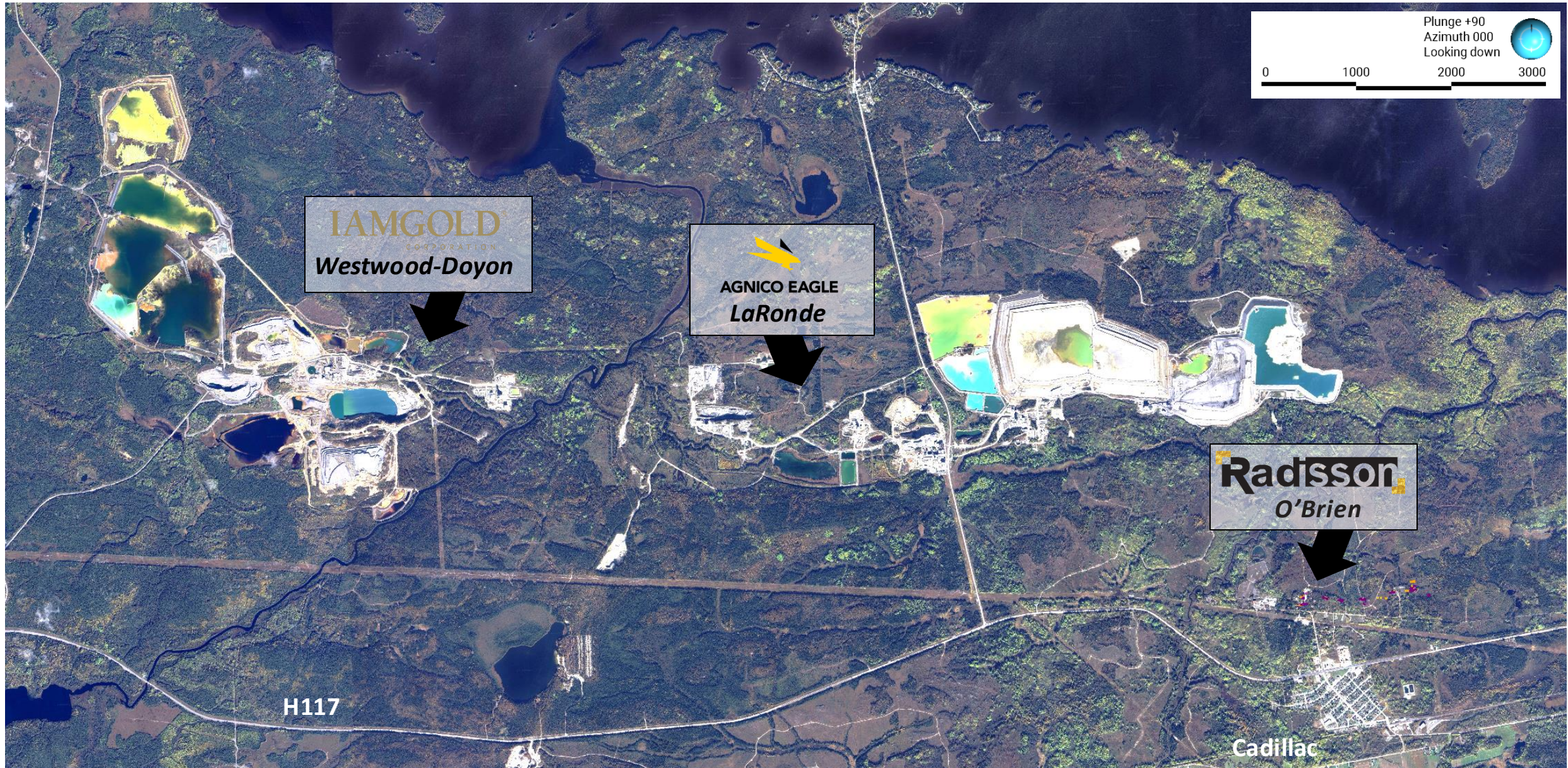
Trans-Canada Highway 117

Hydro-Electric Power

Proximity to numerous under-capacity mills

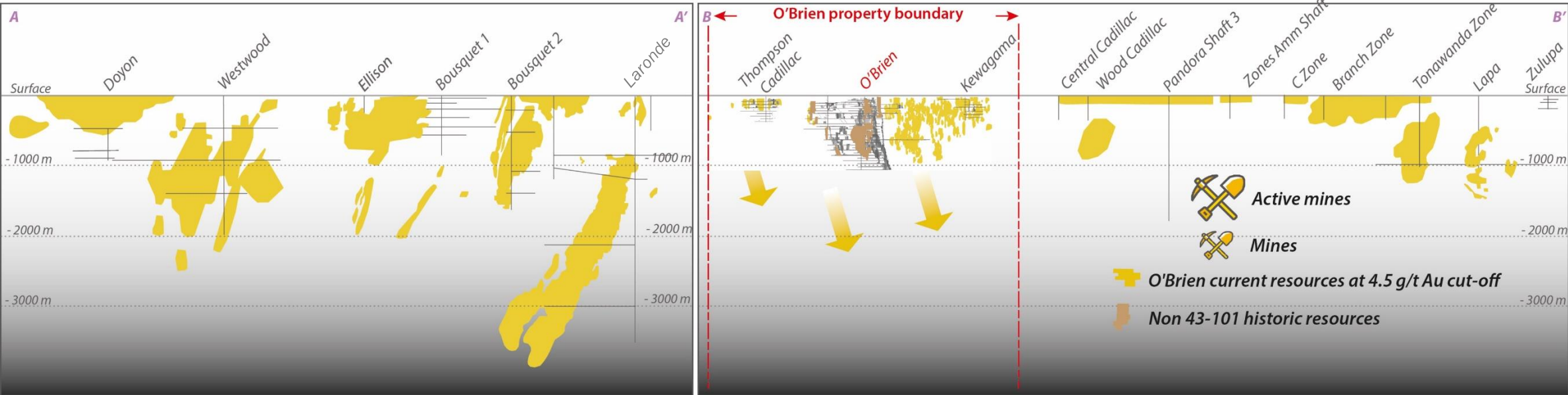
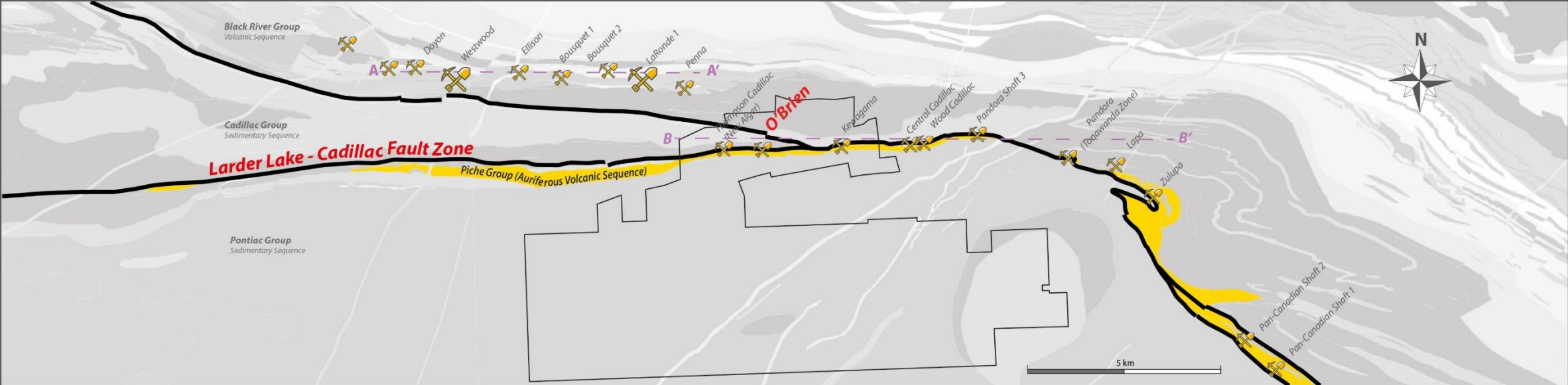
Access to high quality services and labour

Existing Site Infrastructure





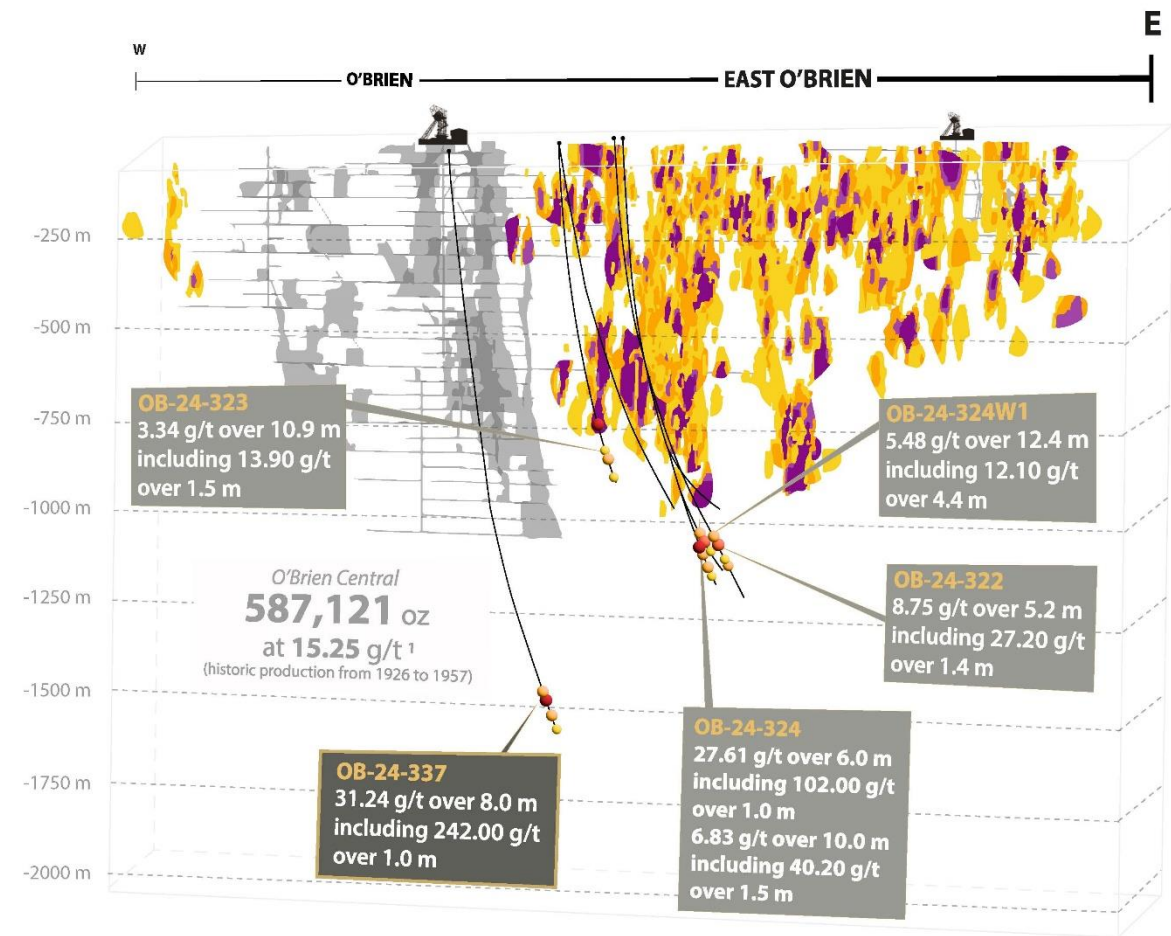
# Cadillac-Bousquet 25 Moz Gold Mining District





# December 16, 2024: 242 g/t Au at 500m Below Base of Historic Mine

- Since September, **seven deep drill holes** have been completed below base of existing Mineral Resource
- 5 of the 7 holes hit high-grade intercepts
- On September 24, 2024: OB-24-324 hit **27.61 g/t Au over 6.0 m** including **102.0 g/t Au over 1.0m** at **1,100m depth**
- On December 16, 2024: OB-24-337 hit **31.24 g/t Au over 8.0m** including **242.0 g/t Au over 1.0m** at **1,500m depth**
- OB-24-337 is the **deepest ever hole drilled** at the Project and the **first below the historic mine workings**
- For context, **75%** of the existing Mineral Resource is at depths **above 600m**



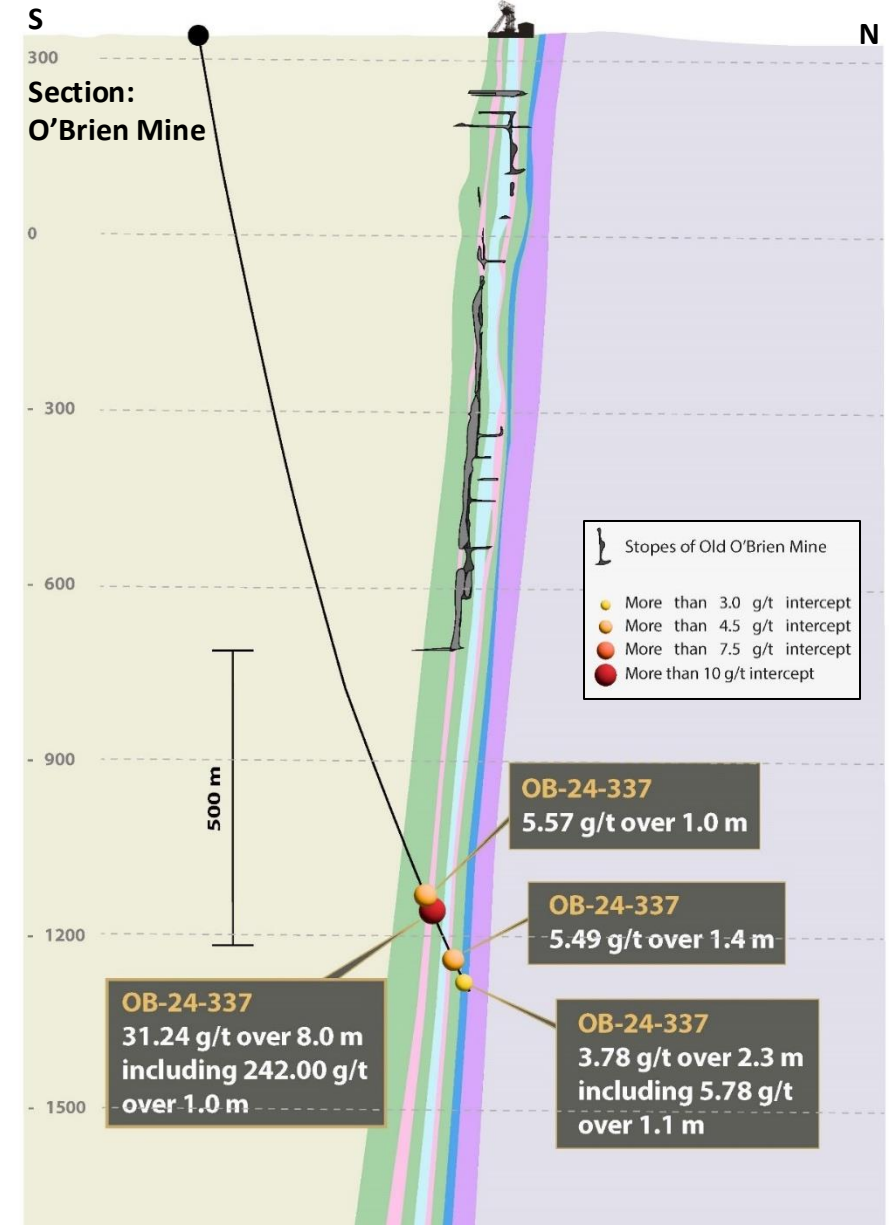
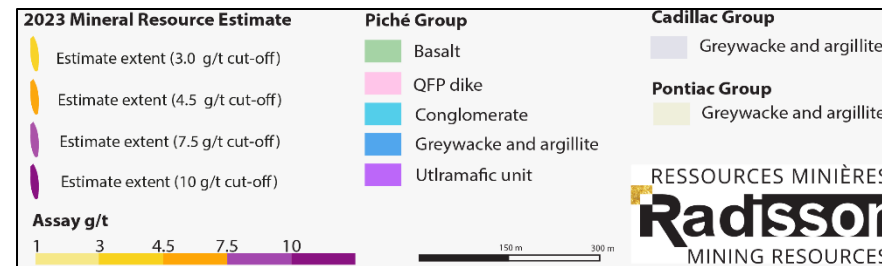
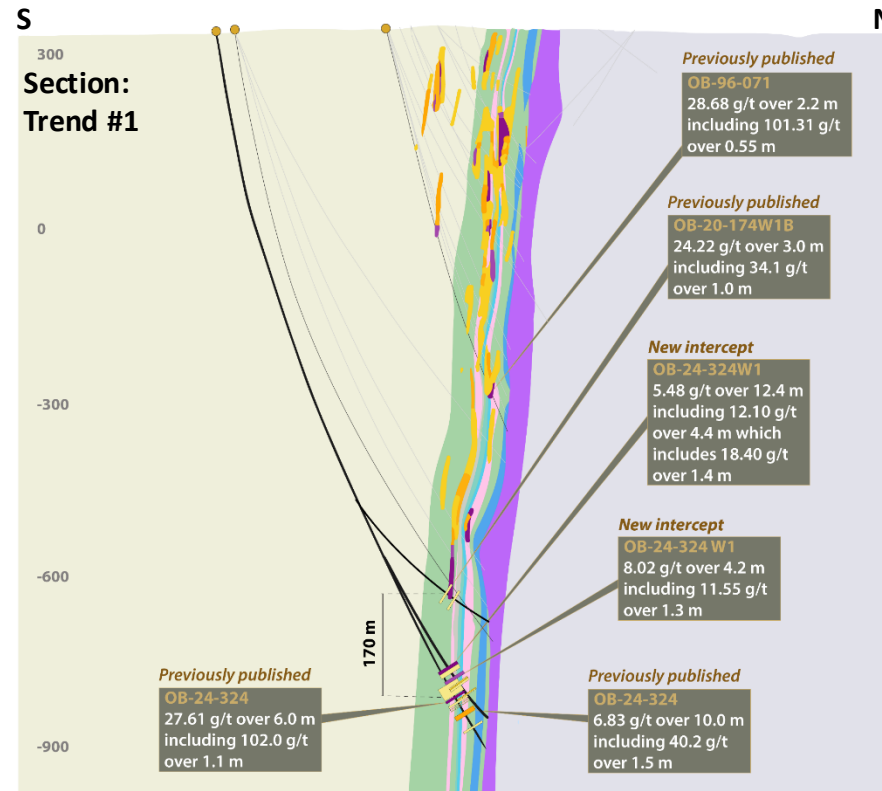
2023 Mineral Resource Estimate <sup>1</sup>		Estimate extent (3.0 g/t cut-off)	Estimate extent (4.5 g/t cut-off)	Estimate extent (7.5 g/t cut-off)	Estimate extent (10 g/t cut-off)	Trace of completed DHH
Indicated Resource	Inferred Resource					
(1,517,000 t)	(1,601,000 t)					● More than 3.0 g/t intercept
501,000 oz	446,000 oz					● More than 4.5 g/t intercept
at 10.26 g/t Au	at 8.66 g/t Au					● More than 7.5 g/t intercept
						● More than 10 g/t intercept

<sup>1</sup>. Technical Report on the O'Brien Project, Northwestern Québec, Report for NI 43-101, SLR Consulting (Canada) Ltd., March 2, 2023

500 m

## Recent Deep Drill Results: Extending to 1,500m Depth

- 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
- The latest drilling is now **170m below** the current MRE at **Trend #1** and **500m below** the level of the **historic mine**
- Prioritizing **deep drilling in 2025**
- Radisson believes **up to 3 Moz** is a reasonable **exploration target** to 2km depth



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

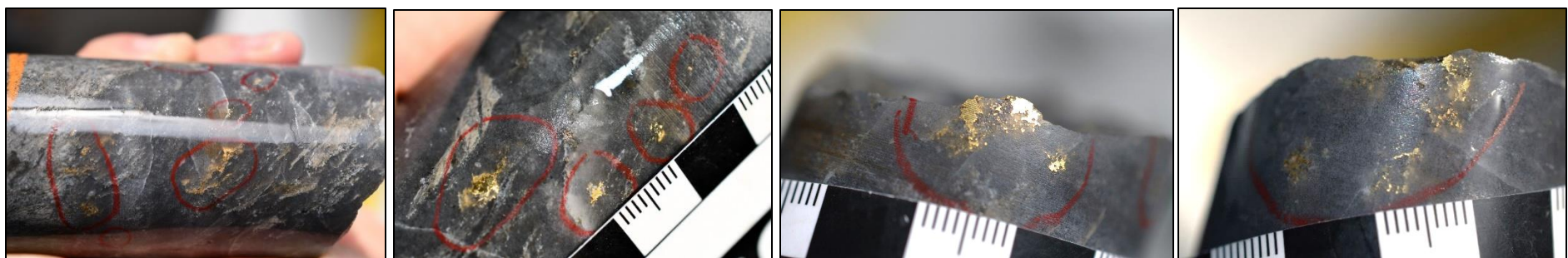
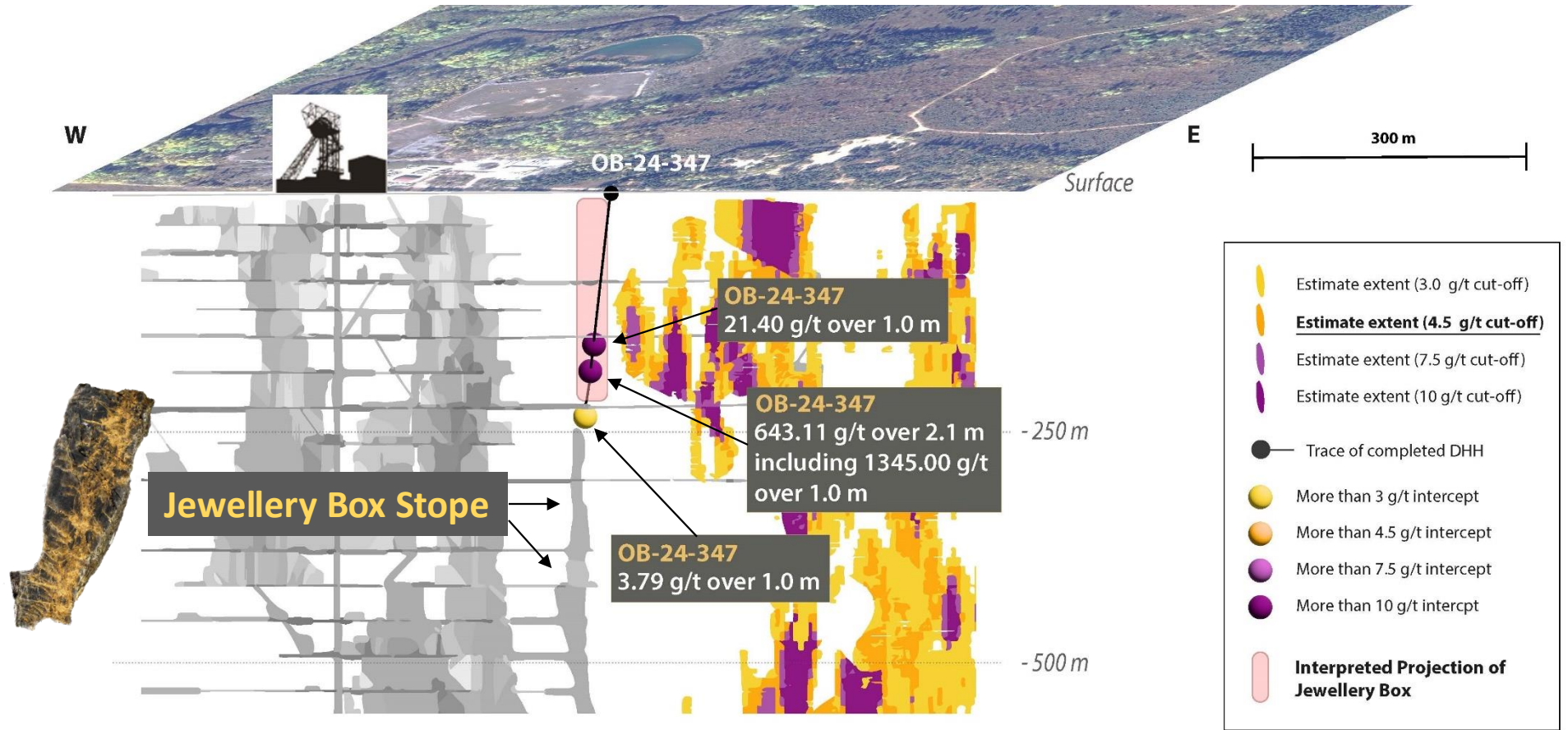
- **OB-24-347: 1,345 g/t Au over 1m**  
*(within 643.1 g/t over 2m)*

- Re-Discovery of Famous O'Brien "Jewellery Box"

- Believed to have been the source of O'Brien's famous **museum quality** VG specimens

- Mined **between 250-750m** depth. **Lost above 250m**

- Now, **Re-discovered**

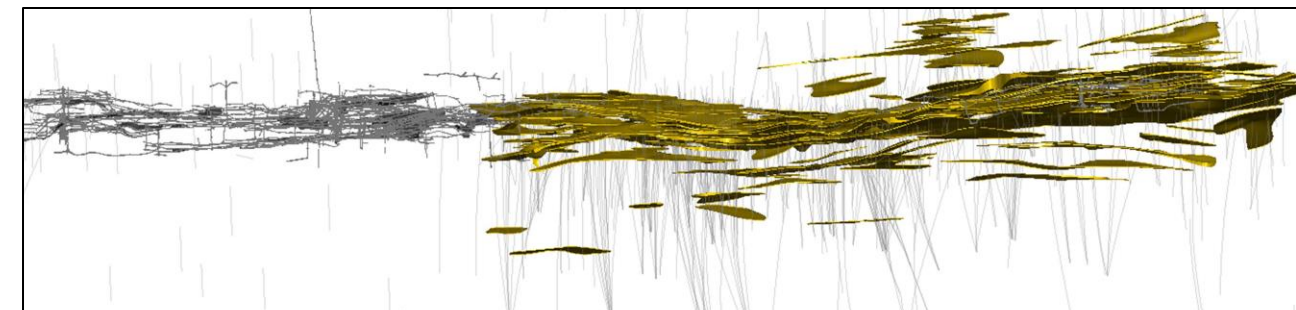
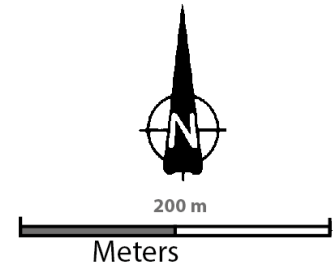
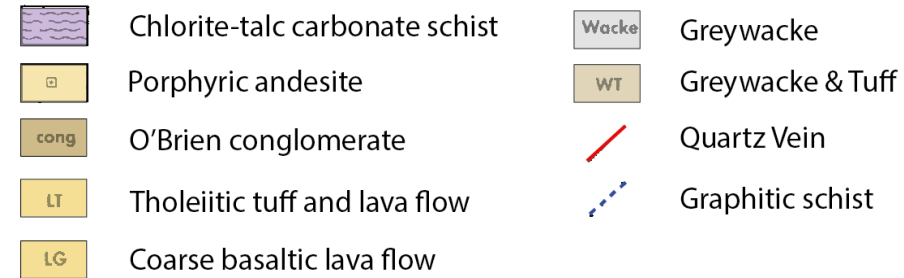
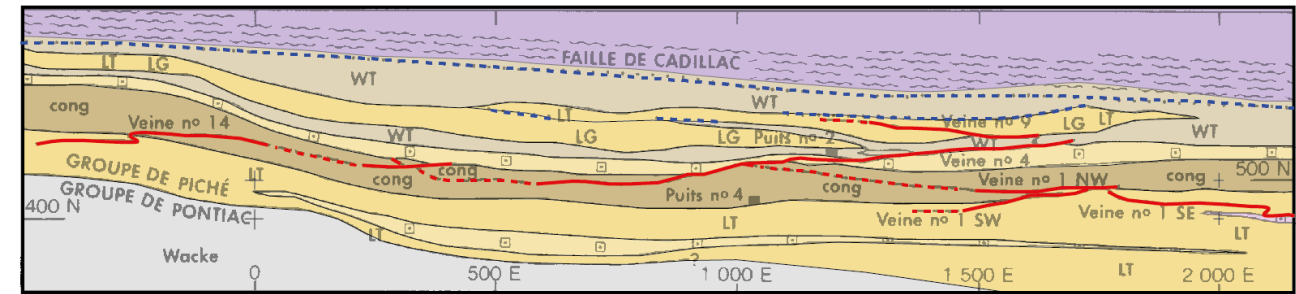
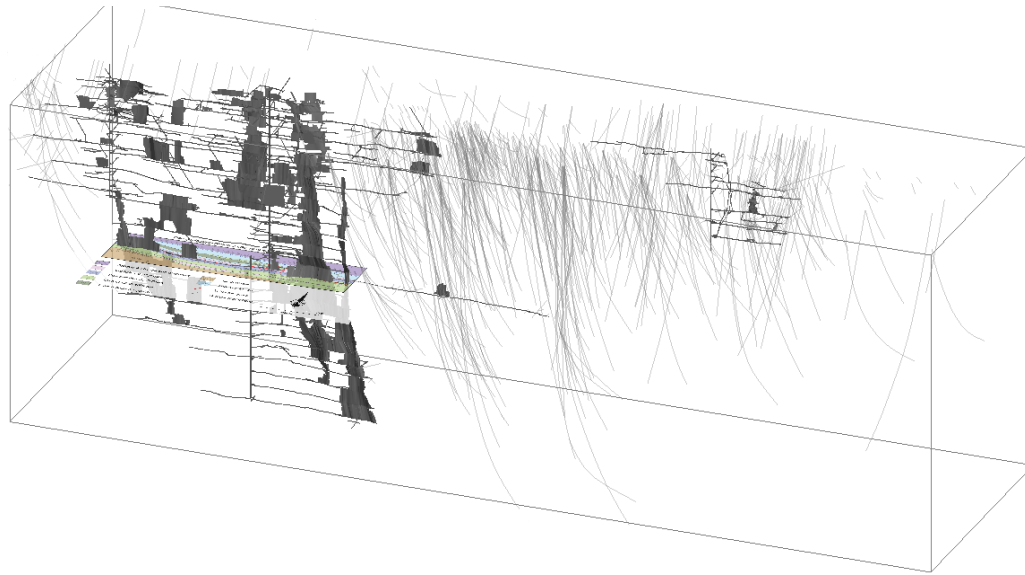


## MOU with IAMGOLD Announced September 9, 2024

- MOU to facilitate **technical assessment** of viability of processing **O'Brien mined material at Doyon mill**
- Doyon is part of the **Doyon-Westwood mining complex** with capacity of **c.3,000tpd** (Westwood c.1,000tpd)
- If successful, Radisson will complete a **PEA** based on off-site processing at Doyon and a **c.1,000tpd underground mine** at O'Brien
- Non-binding, non-exclusive, and has no terms on future potential commercial arrangements between Radisson and IAMGOLD
- MOU consistent with Radisson's stated objective of exploring **hub-and-spoke mining for O'Brien**
- MOU consistent with IAMGOLD's stated objective of seeking opportunities for **additional feed for Doyon**



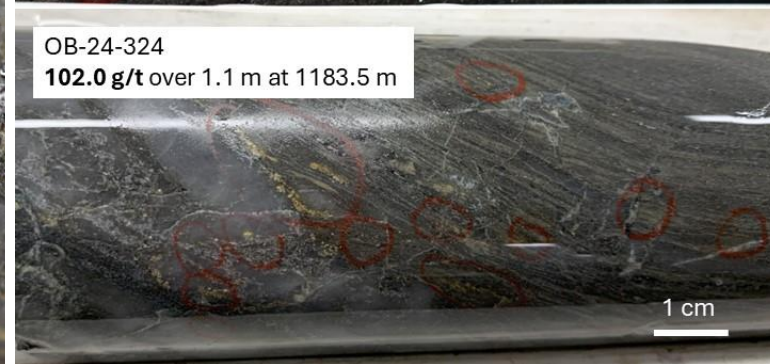
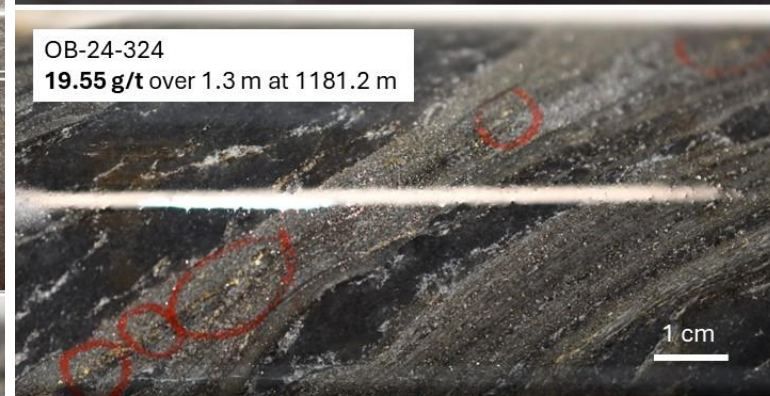
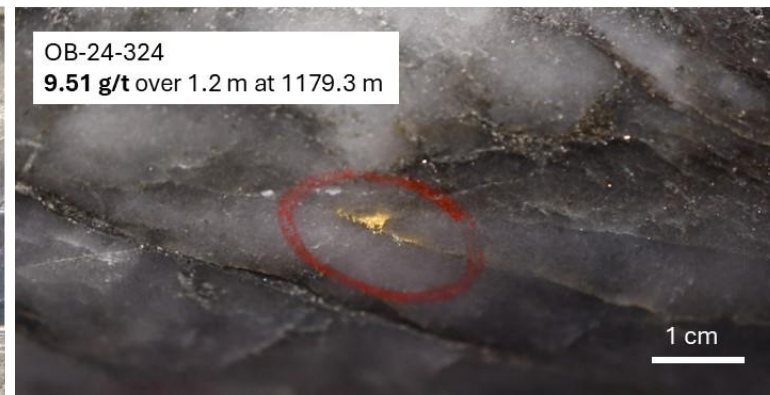
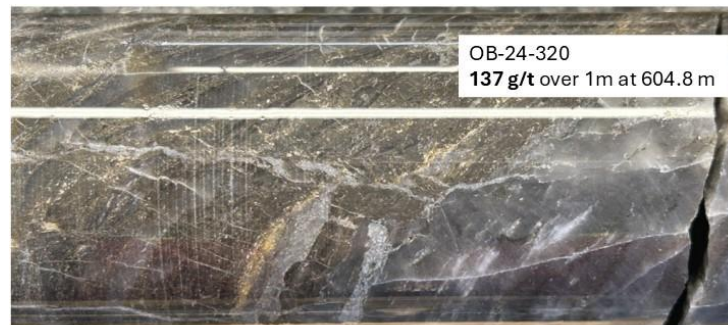
Doyon Mill, IAMGOLD Inc.



- 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 **Piche Group**.
- Vein Model with **134 Mineralized Zones** has been created
- The model **respects vein geometries and relationships** shown in the historically mined veins and has been used to **restrict the 2023 MRE**

# Visible Gold as a Characteristic of the O'Brien Project

- O'Brien high-grade intersections are characterized by **abundant VG**
- Pattern of **very high grade, narrow intercepts** within **broader altered and mineralized envelopes**
- August 14, 2024 results:
  - OB-24-320** with **24.74 g/t Au over 6.0m** including 137.00 g/t Au over 1.0m
  - OB-24-316** with **42.31 g/t Au over 2.3m** including 74.40 g/t Au over 1.3m
- September 24, 2024 results:
  - OB-24-324** with **27.6 g/t Au over 6.0m** including 102.0 g/t Au over 1.0m
  - OB-24-322** with **8.75 g/t Au over 5.2m** including 27.20 g/t Au over 1.4m
- October 30, 2024 results:
  - OB-24-332** with **16.21 g/t Au over 5.4m** including 32.25 g/t Au over 2.4m
  - OB-24-334W1** with **5.48 g/t Au over 12.4m** including 12.10 g/t Au over 4.4m



Visible gold encountered in holes OB-24-316-324. See August 14, 2024 and September 24, 2024 press releases



## Regular Exploration Drilling News-Flow

- **3 drill rigs** onsite
- Completing **35,000 m** 2024 drill program
- Funded for **2025 Program**
- Targeting **deep drilling below high-grade trends** and **Jewellery Box to surface**

## Thinking Ahead to Development

- **Technical assessment** of processing viability at **Doyon with lamGold**: Metallurgy, Flow Sheet, Tailings Strategy
- If successful, **PEA for an underground mine** at O'Brien mine with off-site processing
- Ongoing **environmental studies**, **permitting** timelines, **community** engagement



# Capitalization and Balance Sheet

**\$111 Million**

Market Capitalization

As of January 7, 2025

**\$13.0 Million**

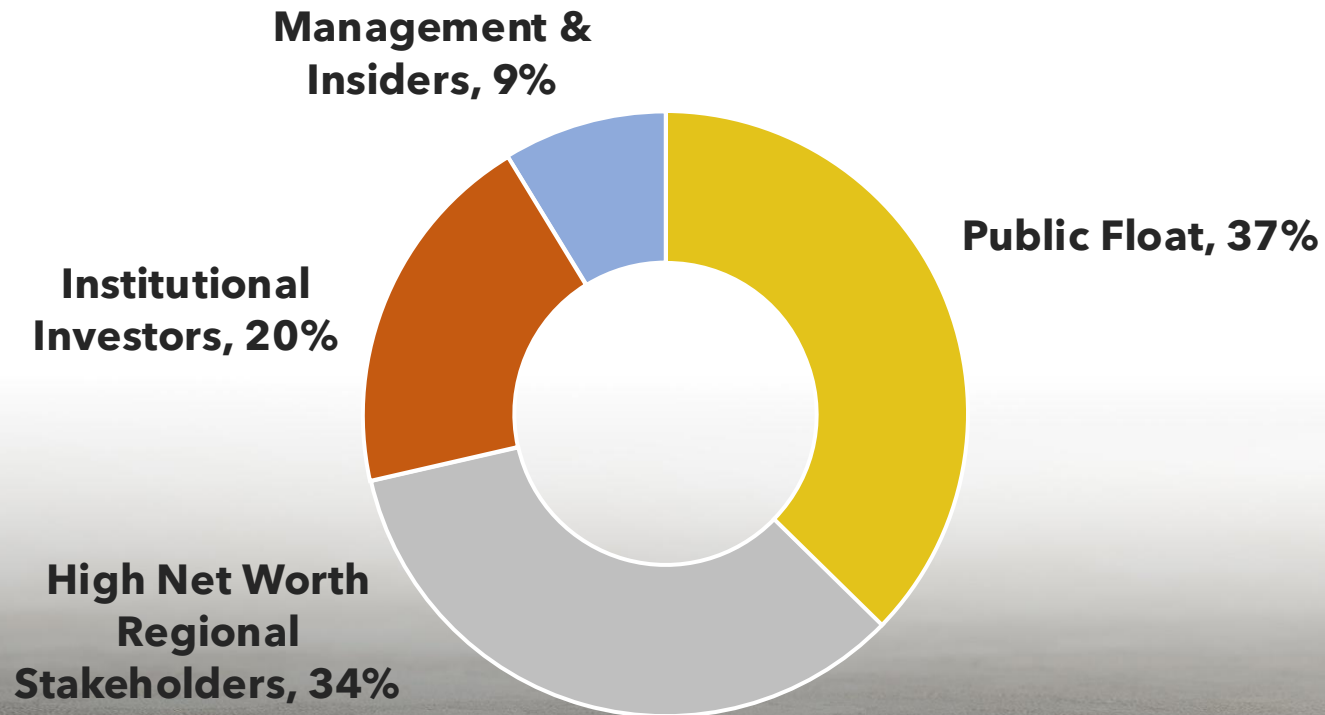
Cash Position

Unaudited, estimated as of October 29, 2024

**331.1 Million**

Shares Outstanding

Estimated as of November 22, 2024



TSXV:RDS  
OTCQB:RMRDF

\*Ownership percentages rounded for simplicity



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**Matt Manson**

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**Hubert Parent-Bouchard**

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hpbouchard@radissonmining.com

**Kristina Pillon**

Manager, Investor Relations  
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# Radisson

MINING RESOURCES

**GOLD RUNS  
IN OUR  
VEINS**

**Appendix Materials**

**TSXV:RDS OTCQB:RMRDF**



# 2023 O'Brien Mineral Resource Estimate

Cut-off Grade	Indicated Mineral Resources			
	O'Brien Deposit	Tonnage	Grade	Metal
	Resource date	(t)	(g/t Au)	(oz Au)
4.5 g/t Au	July 2019	1,115,000	8.85	318,000
	<b>March 2023</b>	<b>1,517,000</b>	<b>10.26</b>	<b>501,000</b>
	Increase	+402,000	+1.41	+183,000
		<b>+36%</b>	<b>+16%</b>	<b>+58%</b>

Inferred Mineral Resources		
Tonnage	Grade	Metal
(t)	(g/t Au)	(oz Au)
777,000	6.73	168,000
<b>1,601,000</b>	<b>8.66</b>	<b>446,000</b>
+839,000	+1.91	+281,000
<b>+108%</b>	<b>+28%</b>	<b>+167%</b>

3.0 g/t Au	July 2019	1,906,000	6.67	409,000
	<b>March 2023</b>	<b>2,118,000</b>	<b>8.46</b>	<b>576,000</b>
	Increase	+212,000	+1.79	+167,000
		<b>+11%</b>	<b>+27%</b>	<b>+41%</b>

1,500,000	5.29	255,000
<b>3,668,000</b>	<b>5.79</b>	<b>683,000</b>
+2,168,000	+0.51	+428,000
<b>+144%</b>	<b>+10%</b>	<b>+168%</b>

## Notes to the Mineral Resources

1. CIM (2014) definitions were followed for Mineral Resources.
2. Mineral Resources are reported above a cut-off grade of 4.5 g/t Au based on a C\$230/t operating cost.
3. Mineral Resources are estimated using a long-term gold price of US\$1,600/oz Au, a US\$/C\$ exchange rate of 1:1.25, and a metallurgical recovery of 85%.
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. 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 Radisson's Annual Information Form for the year ended December 31, 2023 and other filings made with Canadian securities regulatory authorities and available at [www.sedar.com](http://www.sedar.com).
7. 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, Quebec, prepared by InnovExplo for Radisson Mining Resources Inc., June 3, 2015.

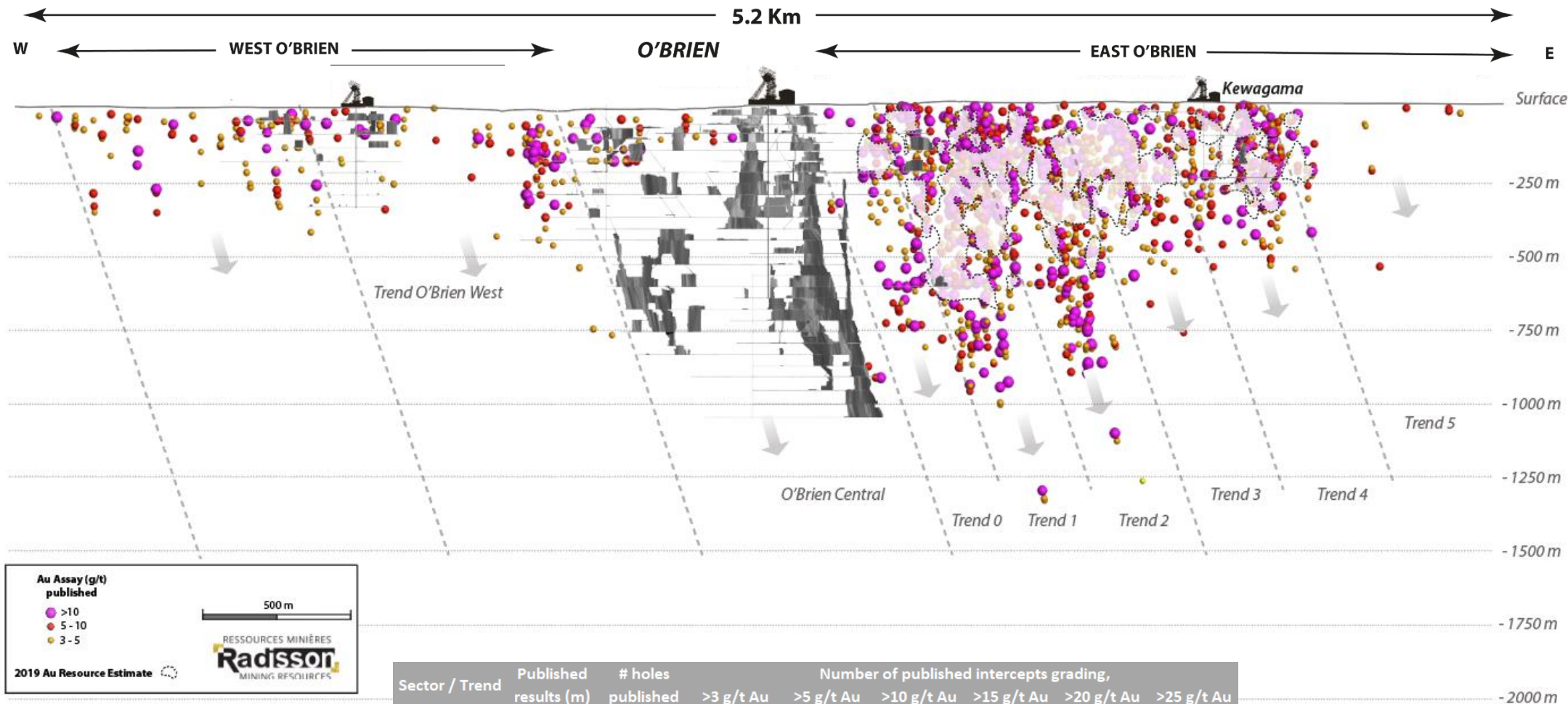
Cut-off Grade	Indicated Mineral Resources		
	Tonnage	Grade	Metal
	(t)	(g/t Au)	(oz Au)
<b>6.0 g/t Au</b>	1,012,000	12.80	417,000
<b>5.0 g/t Au</b>	1,313,000	11.12	470,000
<b>4.5 g/t Au</b>	<b>1,517,000</b>	<b>10.26</b>	<b>501,000</b>
<b>4.0 g/t Au</b>	1,770,000	9.40	535,000
<b>3.5 g/t Au</b>	2,065,000	8.59	571,000
<b>3.0 g/t Au</b>	2,118,000	8.46	576,000

Inferred Mineral Resources		
Tonnage	Grade	Metal
(t)	(g/t Au)	(oz Au)
945,000	11.12	338,000
1,334,000	9.46	406,000
<b>1,601,000</b>	<b>8.66</b>	<b>446,000</b>
2,007,000	7.78	502,000
2,522,000	6.96	564,000
3,668,000	5.79	683,000

## Notes to the Mineral Resources

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2. Mineral Resources are reported above a cut-off grade of 4.5 g/t Au based on a C\$230/t operating cost.
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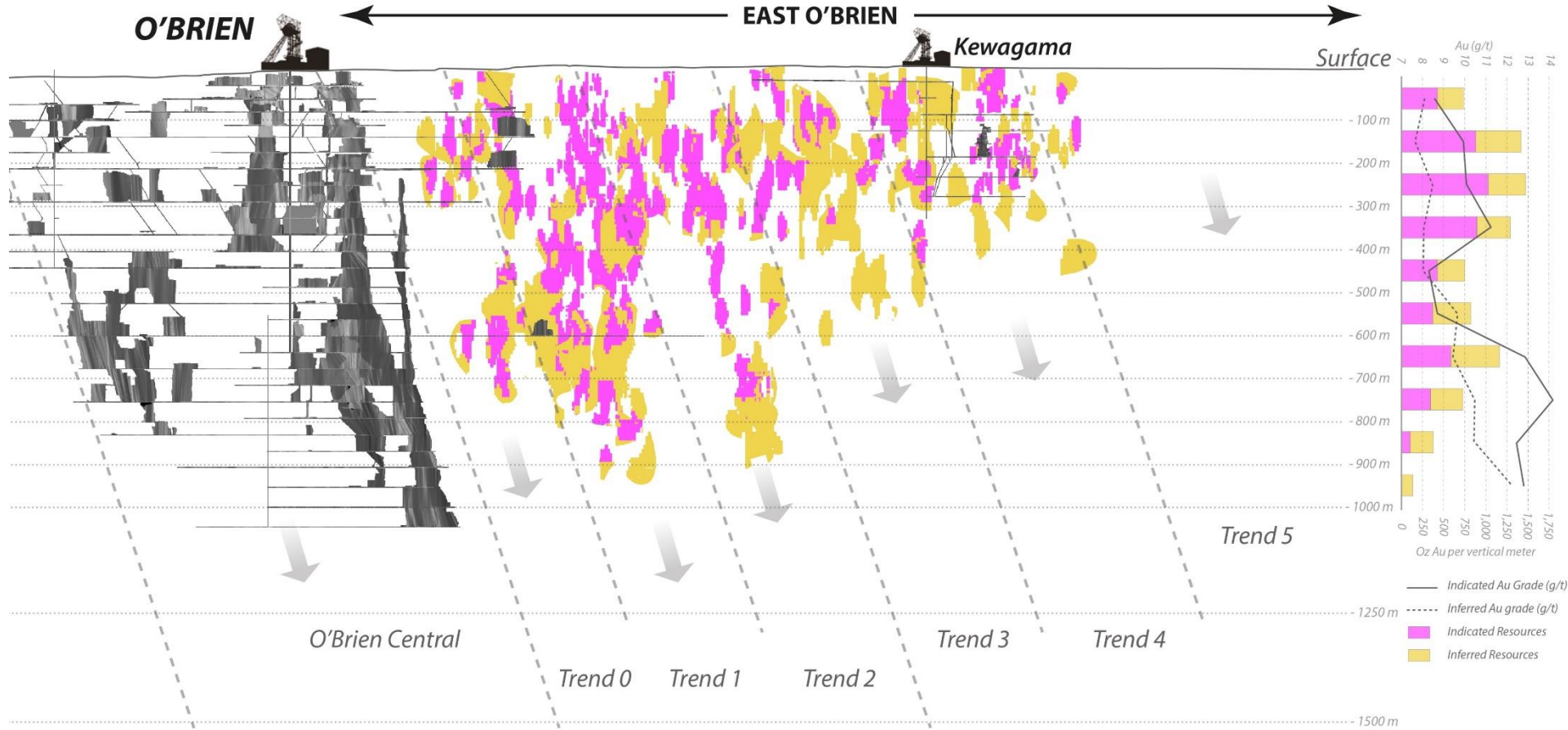
# 127,600 Metres Drilled Between 2019 & 2023



Sector / Trend	Published results (m)	# holes published	Number of published intercepts grading,					
			>3 g/t Au	>5 g/t Au	>10 g/t Au	>15 g/t Au	>20 g/t Au	>25 g/t Au
O'Brien West	5,700	11	5	3	1	1	1	1
Trend #0	18,200	37	27	17	8	4	4	4
Trend #1	42,200	77	74	60	27	15	8	7
Trend #2	33,200	61	57	45	19	11	7	4
Trend #3	16,200	40	30	20	11	6	3	1
Trend #4	8,500	19	11	8	2	1	1	1
Trend #5	3,600	11	4	4	2	1	1	1
<b>Total</b>	<b>127,600</b>	<b>256</b>	<b>208</b>	<b>157</b>	<b>70</b>	<b>39</b>	<b>25</b>	<b>19</b>

# 2023 MRE – Breakdown of Indicated/Inferred

- Distribution of Indicated/Inferred Resources driven primarily by **drill density**
- **Higher ounces per vertical meter** at shallower depths with more drilling



**2023 Mineral Resource Estimate extent (4.5 g/t cut-off)**

500 m

RESSOURCES MINIÈRES  
**Radisson**  
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Indicated Ressources  
Inferred Ressources

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 Radisson’s Annual Information Form for the year ended December 31, 2023 and other filings made with Canadian securities regulatory authorities and available at [www.sedar.com](http://www.sedar.com).

Refer to “Notes to the Mineral Resources” on slide “2023 O’Brien Mineral Resource Estimate”



# Exploration Upside in the Pontiac Sediments (1)

## Gold in Drilling within Pontiac Sediments when Targeting Main High-Grade Deposit

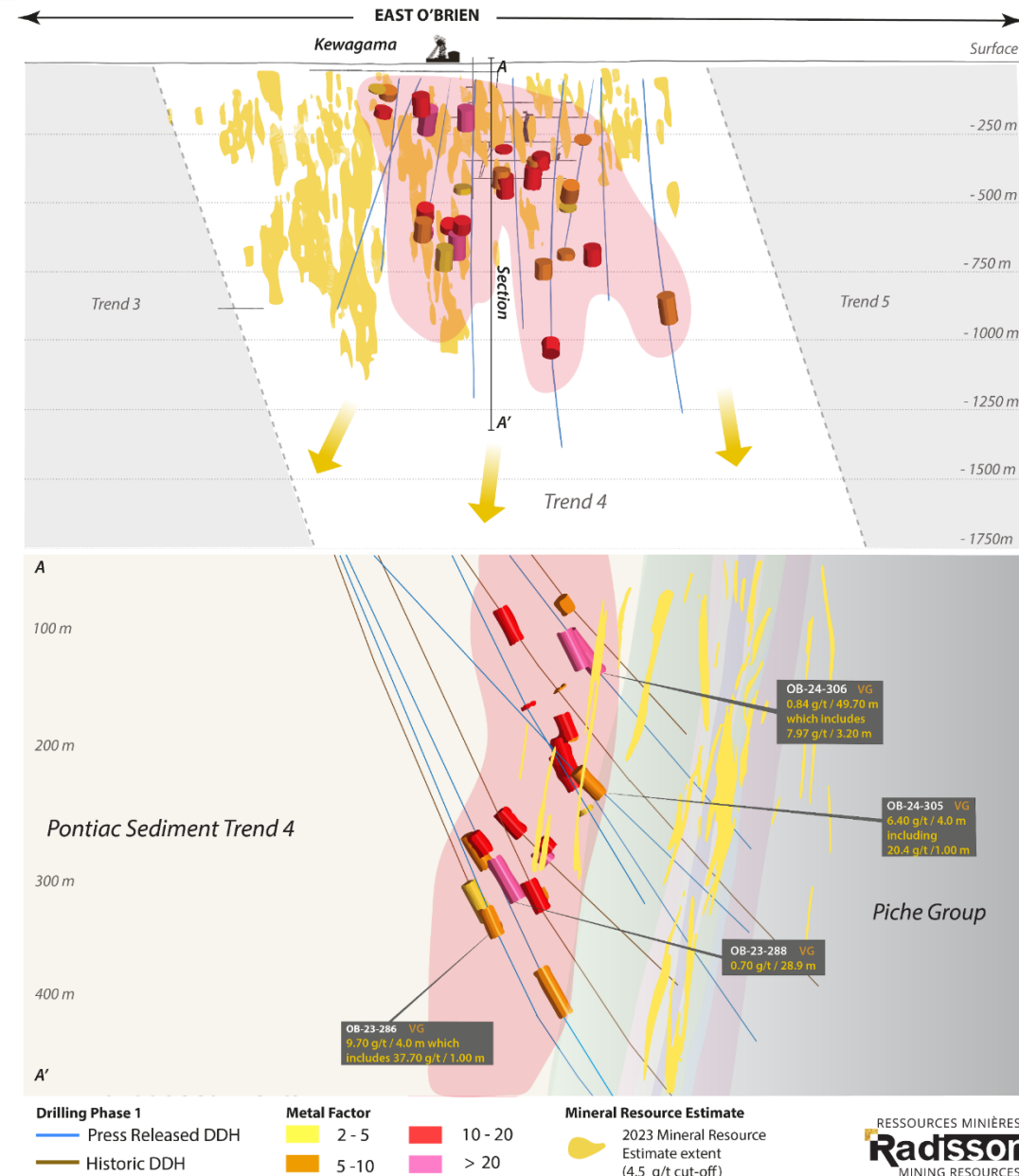
### 2024 - Key Bulk Intersection Highlights

- OB-24-306 intersected 0.84 g/t Au over 49.70 m, including 3.97 g/t Au over 8.20 m
- OB 23-288 intersected 0.70 g/t Au over 28.90 m, including 3.96g/t Au over 4.50 m

### Historical holes - Key Bulk Intersection Highlights

- RM-11-01 intersected 1.21 g/t Au over 39.50 m
- OB-21-228 intersected 1.08 g/t Au over 37.10 m
- OB-21-229 intersected 1.04 g/t Au over 24.80 m

**Assays pending from 12 additional intervals**



# Exploration Upside in the Pontiac Sediments (2)

## Gold in Till Samples over Pontiac Sediments in New Alger Property

- Brand new target area with more than 2km strike length with potential for gold discovery identified
- 115 glacial till surface samples collected and analyzed
- 14 anomalous samples forming gold rain tail
- 15.5km<sup>2</sup> of additional claims staked expanding property to 74.3km<sup>2</sup>

