

**Radisson**  
MINING RESOURCES

TSXV:RDS

**CREATING VALUE IN  
A WORLD  
RENOWNED GOLD  
MINING CAMP**

**GOLD RUNS  
IN OUR  
VEINS**



# Cautionary Statement

## CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING INFORMATION

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.

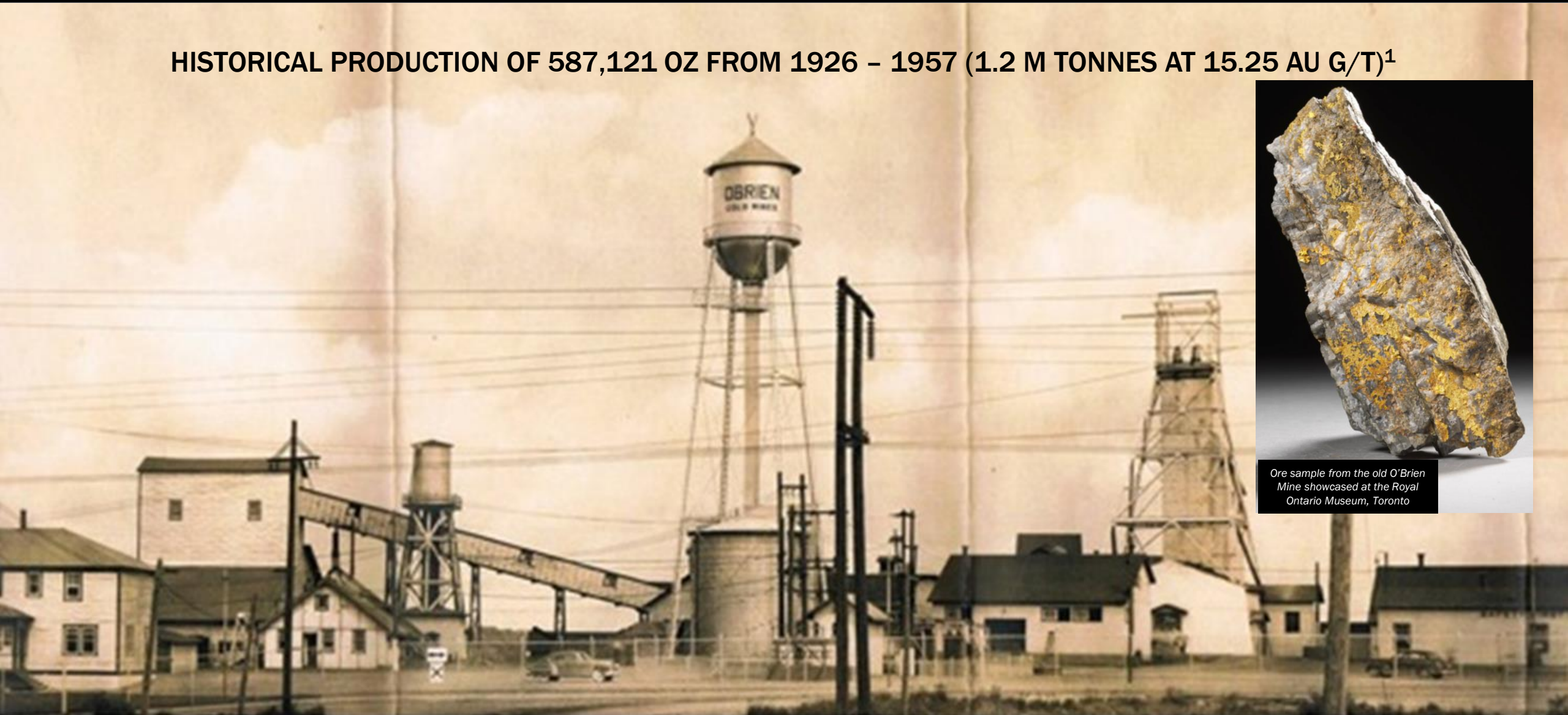
All references to currency made in this presentation are in Canadian dollars unless otherwise stated.

Vivien Janvier, P.Geo., Ph. D., Director, Geology acts as a Qualified Person as defined in National Instrument 43-101 and has reviewed and approved the technical information in this presentation.



# THE O'BRIEN MINE: RICHEST GOLD MINE BY GRADE IN QUEBEC

HISTORICAL PRODUCTION OF 587,121 OZ FROM 1926 – 1957 (1.2 M TONNES AT 15.25 AU G/T)<sup>1</sup>



Ore sample from the old O'Brien Mine showcased at the Royal Ontario Museum, Toronto

# Why Radisson?

## O'Brien is one of the highest-grade undeveloped gold projects in Canada/USA

- Indicated grade of 9.48 g/t is among the highest of undeveloped gold projects not owned by a producer.

## Excellent location in one of the best mining camps in the world

- Bousquet-Cadillac Mining Camp - prolific gold camp in the Abitibi (Quebec) which has produced ~25 Moz in 100 years.
- High profile neighbors including Agnico-Eagle (LaRonde, LZ5 and Lapa), IAMGOLD (Westwood), Wesdome (Kiena) and Eldorado (Lamaque)
- Access to power, infrastructure, spare milling capacity, skilled labour and support services.

## Exploration upside next to the old O'Brien Mine, historically the richest gold mine in Quebec

- Claims cover more than a 5 km strike length, including over 2.5 km to the east and west of the past producing O'Brien Mine, historically the highest-grade gold mine in Quebec
- Similar geology & structural setting as the old O'Brien mine on the property
- Majority of current resources within a 1 km strike (vs over 5x available strike) and within a vertical depth of 500 m (mines in the camp typically extend to well over 1 km).
- Robust litho-structural model and more than 75 years of historical production and exploration data to guide exploration efforts

## Experienced team and strong balance sheet

- Team with the right combination of capital markets and technical experience.
- Cash position of \$2.5 M<sup>1</sup>. Recently completed >127,000 m of drilling (drilling commenced in late 2019)

## Strong institutional and insider ownership

- More than 9% insider ownership and 25% institutional ownership
- 3% owned by Marshall Precious Metals (managed by David Garofalo, former CEO of Goldcorp, former CEO of Hudbay)

# Renewed Experienced Leadership

## BOARD OF DIRECTORS

## MANAGEMENT TEAM

**DENIS LACHANCE**  
Chairman of the board, Interim  
President & CEO

35+ years mining experience | Sr positions with Koniambo Nickel, Xstrata (Raglan), Noranda, TVX (Casa Berardi), Agnico Eagle (Goldex).

**DENIS BOIS**  
Director

40+ years of mining experience | URSTM Director (1989 to 2017) | Director, Board of Fonds de solidarité FTQ A-T

**MICHAEL GENTILE, CFA**  
Director, Strategic Advisor

15 years capital markets experience | PM with Formula Growth | Founder of the successful FG Alpha Fund | 20+ years as an active/successful mining investor

**PIERRE BEAUDOIN**  
Director

30+ years of mining experience | COO of SilverCrest Metals Inc. | Sr. VP of Capital Projects (2010-2013) & COO (2013-2017) of Detour Gold

**JEFF SWINOGA, CPA, MBA**  
Director

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

**SIRI C. GENIK**  
Director

25+ years working on major capital projects worldwide | Previously with BHP Canada as Head of Project Services, Glencore (Xstrata) | PDAC Co-chair of the Sustainability and Lands and Regulations Committees

**DENIS LACHANCE**  
Chairman of the board, Interim  
President & CEO

See Board of directors

**HUBERT PARENT-BOUCHARD**  
Chief Financial Officer

12 years accounting/finance/mining experience | Treasurer & Director, CIM Rouyn-Noranda branch

**SYLVAIN DOIRE**  
Environment and Sustainable  
Development Manager

30 years of experience, 10 years at the Ministry of Environment, Quebec | Former Environment Coordinator for Agnico Eagle (Meadowbank and Méliadine), Falco Resources

**VIVIEN JANVIER, P.Geo, Ph. D.,**  
Director, Geology

+10 years of mining/exploration experience | Previously Senior Project Geologist, 3D modelling at Goldspot | Involved in numerous discoveries including Keats high-grade (Newfound Gold)



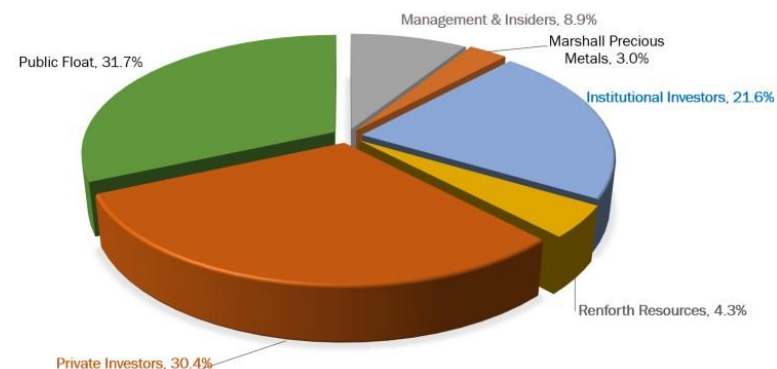
# Company Overview

## The O'Brien Gold Project

- High-grade, underground gold project in the Cadillac-Bousquet Mining Camp (Abitibi, Quebec)
- 5,800 ha land package including 5.2 km strike along the Cadillac Break
- Includes >2.5 km strike to the east and west of the past producing O'Brien Mine (historical production of 587 koz @ 15.25 g/t)
- MRE July 2019: 289 koz @ 9.48 g/t (Indicated), 145 koz @ 7.31 g/t (Inferred)
- New litho-structural model (Feb 2019)
- 127,000 m drill program recently completed

Share Price (C\$) <sup>3</sup>	\$0.13
52 Week Range (C\$)	\$0.08 - \$0.30
Market Capitalization (C\$ M) <sup>3</sup>	\$35.8
Shares Outstanding, Basic (\$ M) <sup>1</sup>	275.9
Options Outstanding (\$ M) <sup>1</sup>	16.1
Warrants Outstanding (\$ M) <sup>1</sup>	0.8
Shares Outstanding, FD (\$ M) <sup>1</sup>	292.8
Cash position (C\$ M) <sup>1</sup>	\$2.0

## Ownership Breakdown<sup>2</sup>

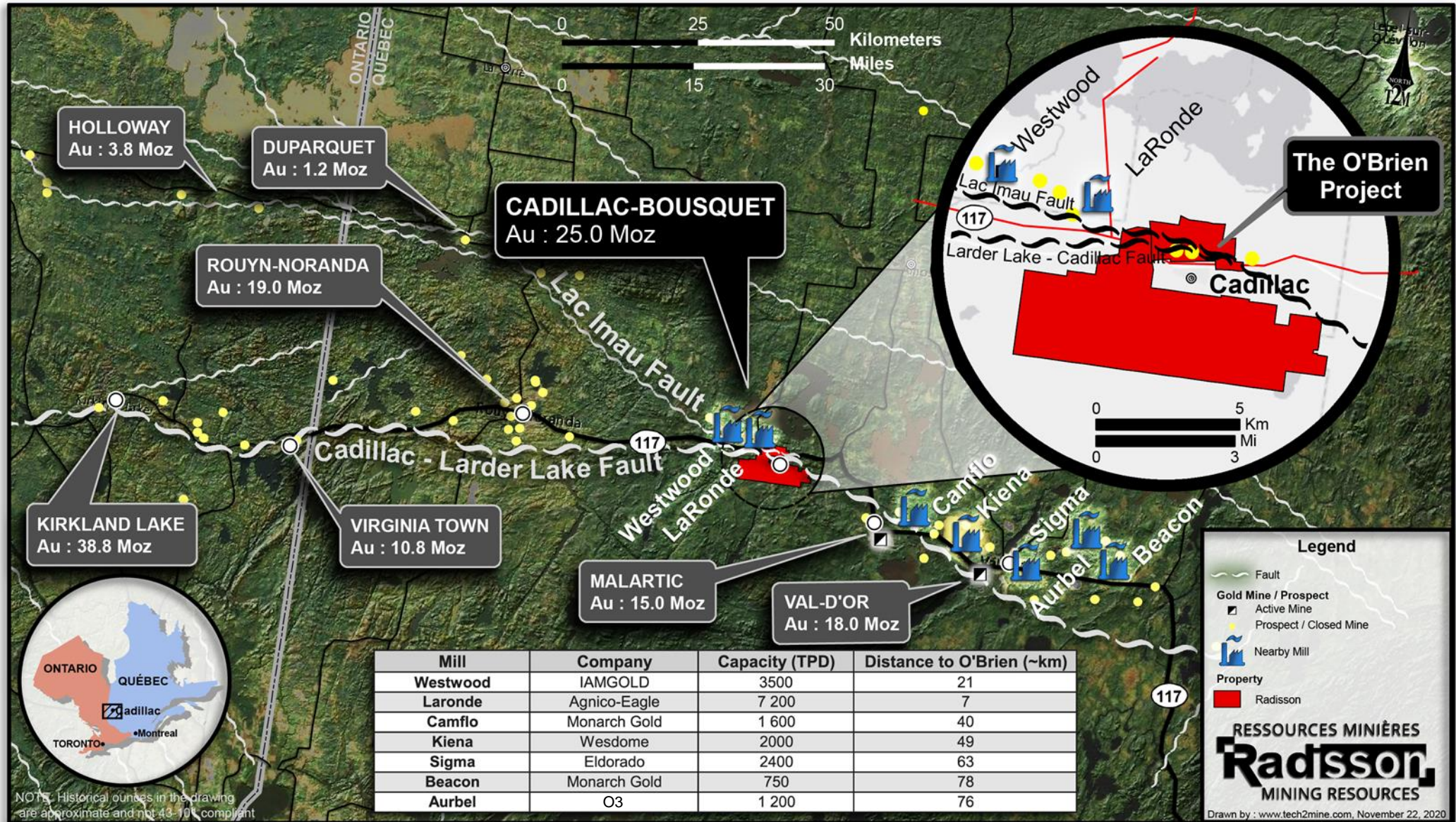


## Top holders

#	Top Holders	Shares	%
1	Michael Gentile (Director & Strategic Advisor)	17.1	6.2%
2	OCIM PM	16.2	5.9%
3	Renforth Resources	12.0	4.3%
4	Jean Dion	10.9	3.9%
5	Marshall Precious Metals	8.2	3.0%
6	Mario Bouchard	7.3	2.6%
7	US Global	7.0	2.5%
8	Caisse de dépôt	5.8	2.1%
9	SIDEX	4.9	1.8%
10	Denis Lachance (Chairman)	4.7	1.7%



# Established mining camp in a world renowned gold belt

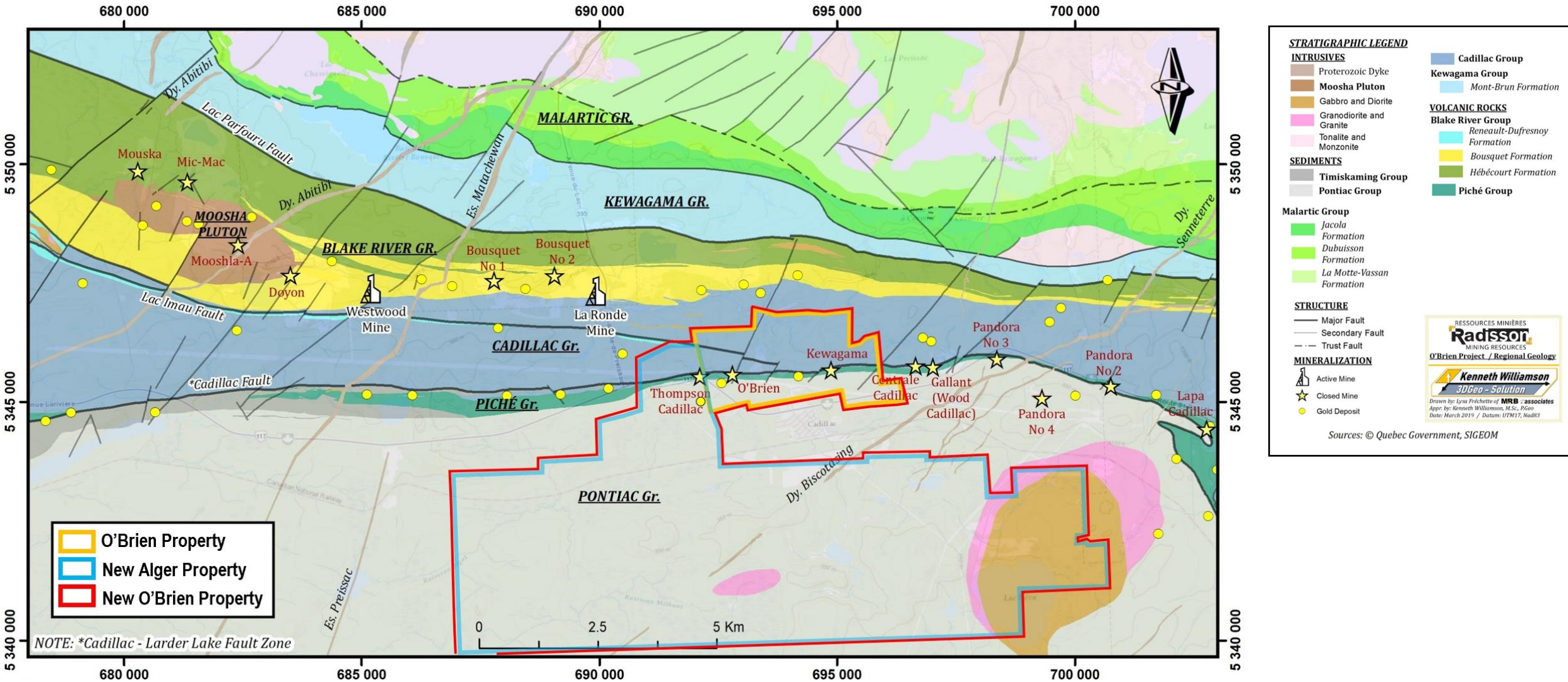


Drawn by : www.tech2mine.com, November 22, 2020



# Cadillac Mining Camp Geological Map

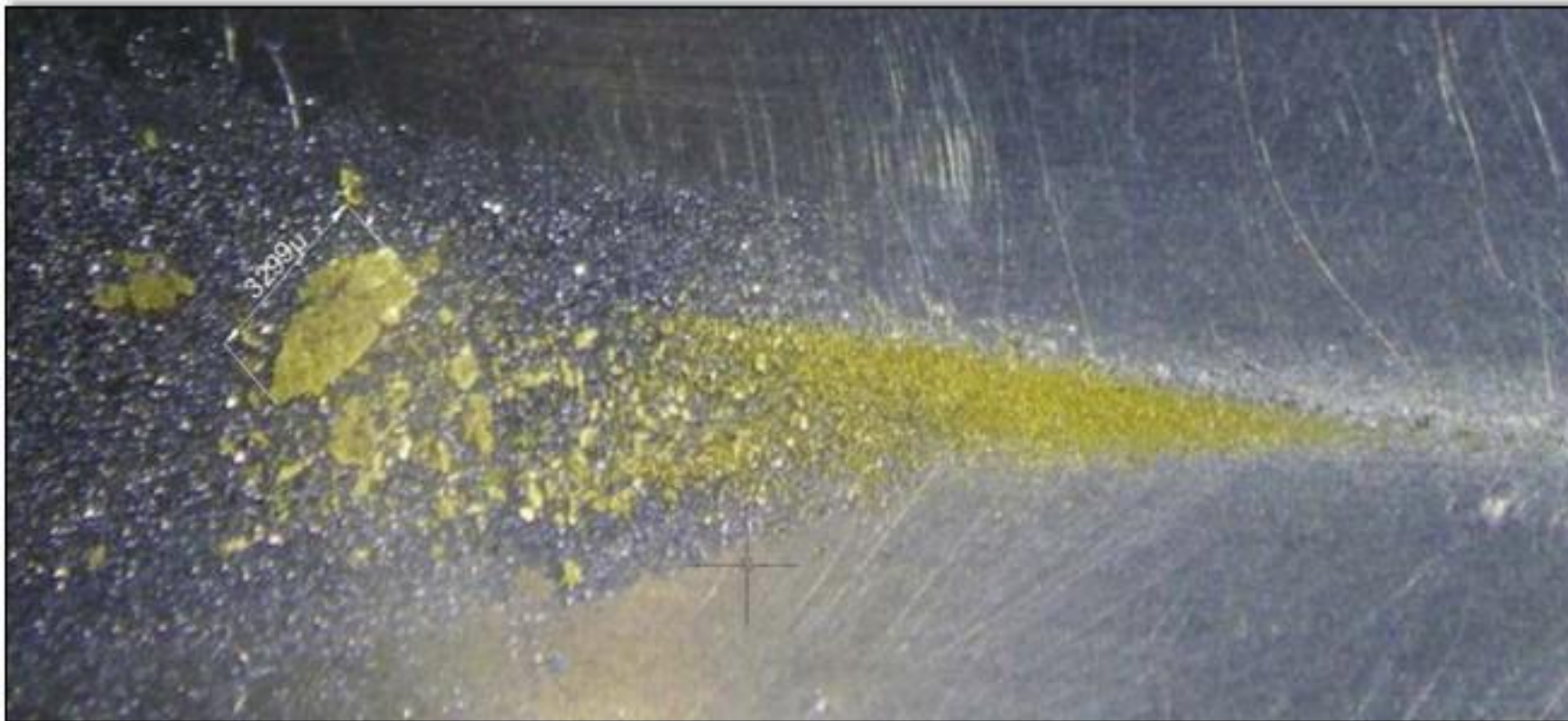
O'Brien Project – Land position expanded 9x following New Alger acquisition





# Preliminary metallurgical test work: Potential upside to grade?

- 11.13 g/t Au average grade obtained<sup>1,2</sup>
  - 53.3% above sample grade
- 59.2% recovery by gravity concentration<sup>2</sup>
- Total recovery of up to 94%<sup>2</sup>



1. Sample tested totalled 61 kg and graded 7.26 g/t Au. It consisted of composite core lengths from the main structures of 36E area.
2. See press release of August 26, 2014

# Robust O'Brien resource even at a higher cut-off grade

## Significant increase in O'Brien mineral resource estimate (July 2019)<sup>1</sup> driven by new litho-structural interpretation

	Cut-off (g/t Au)	Indicated resources			Inferred resources		
		Tonnage (t)	Grade (g/t Au)	Ounces (oz)	Tonnage (t)	Grade (g/t Au)	Ounces (oz)
July 2019 <sup>1</sup>	5.00	950	9.48	289	617	7.31	145
March 2018 <sup>2</sup>	5.00	625	8.30	167	416	7.21	96
<b>Variance</b>		<b>↑52%</b>	<b>↑14%</b>	<b>↑74%</b>	<b>↑48%</b>	<b>↑1%</b>	<b>↑52%</b>

## O'Brien Project Mineral Resource Estimate (July 2019) Sensitivity to Cut-off Grade<sup>1</sup>

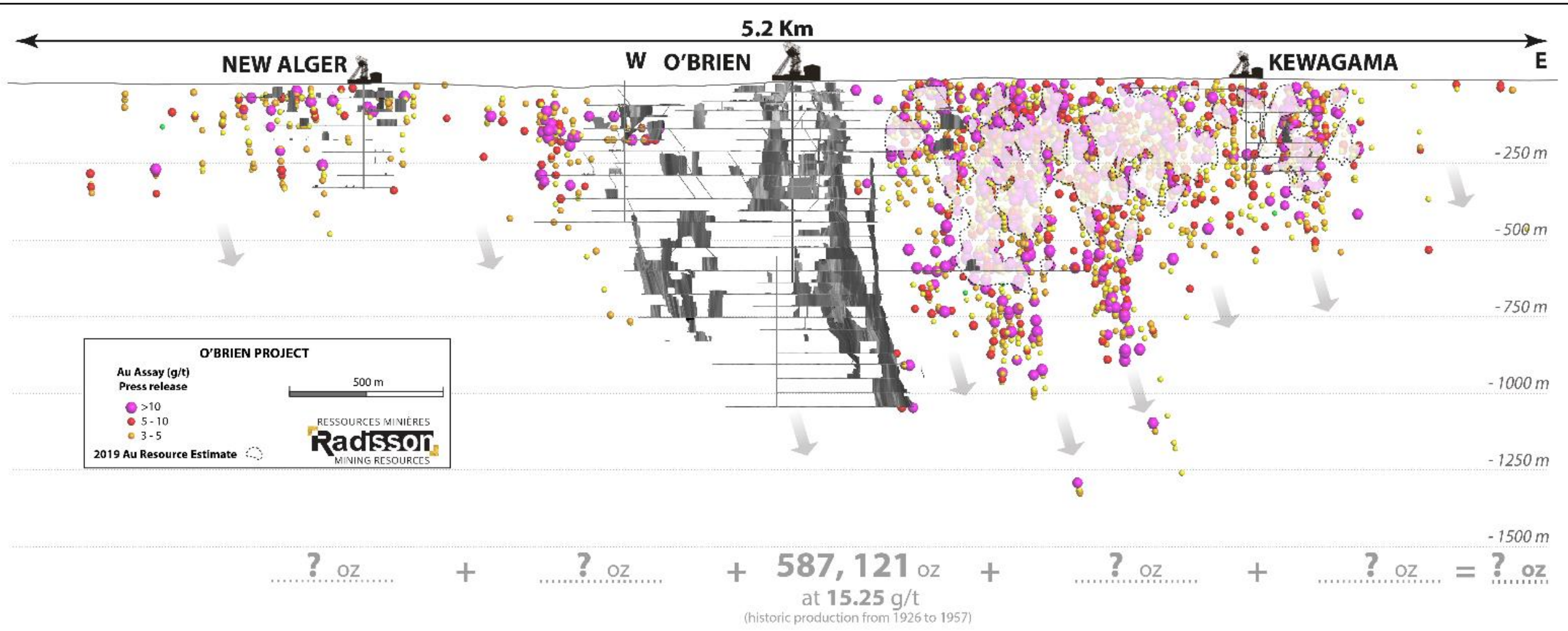
Cut-off (g/t Au)	Indicated resources			Inferred resources		
	Tonnage (kt)	Grade (g/t Au)	Ounces (koz)	Tonnage (kt)	Grade (g/t Au)	Ounces (koz)
7.00	545	12.16	213	244	9.69	76
6.00	712	10.82	248	375	8.54	103
<b>5.00</b>	<b>950</b>	<b>9.48</b>	<b>289</b>	<b>617</b>	<b>7.31</b>	<b>145</b>
4.00	1,350	7.99	347	975	6.27	197
3.50	1,600	7.32	377	1,208	5.78	225
3.00	1,906	6.67	409	1,500	5.29	255

1. NI 43-101 Technical report for the O'Brien project, Abitibi, Québec, 3D Geo-solution, July 15, 2019

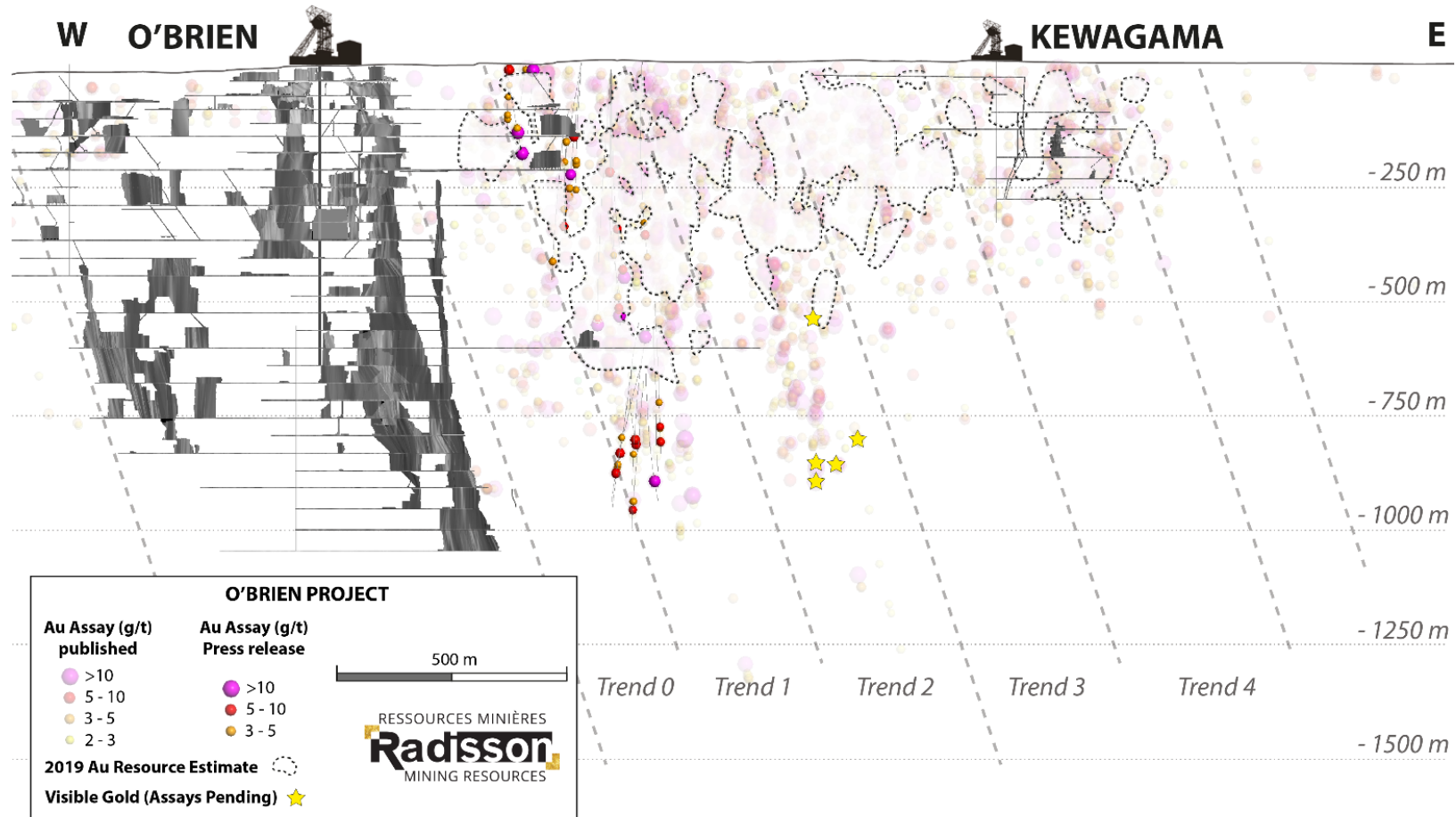
2. NI 43-101 Technical report for the O'Brien project, Abitibi, Québec, InnovExplo, March 20, 2018



# Exploration: ~127,600 m drill campaign completed



# Results pending for ~5000 m from ~127,600 m drill campaign



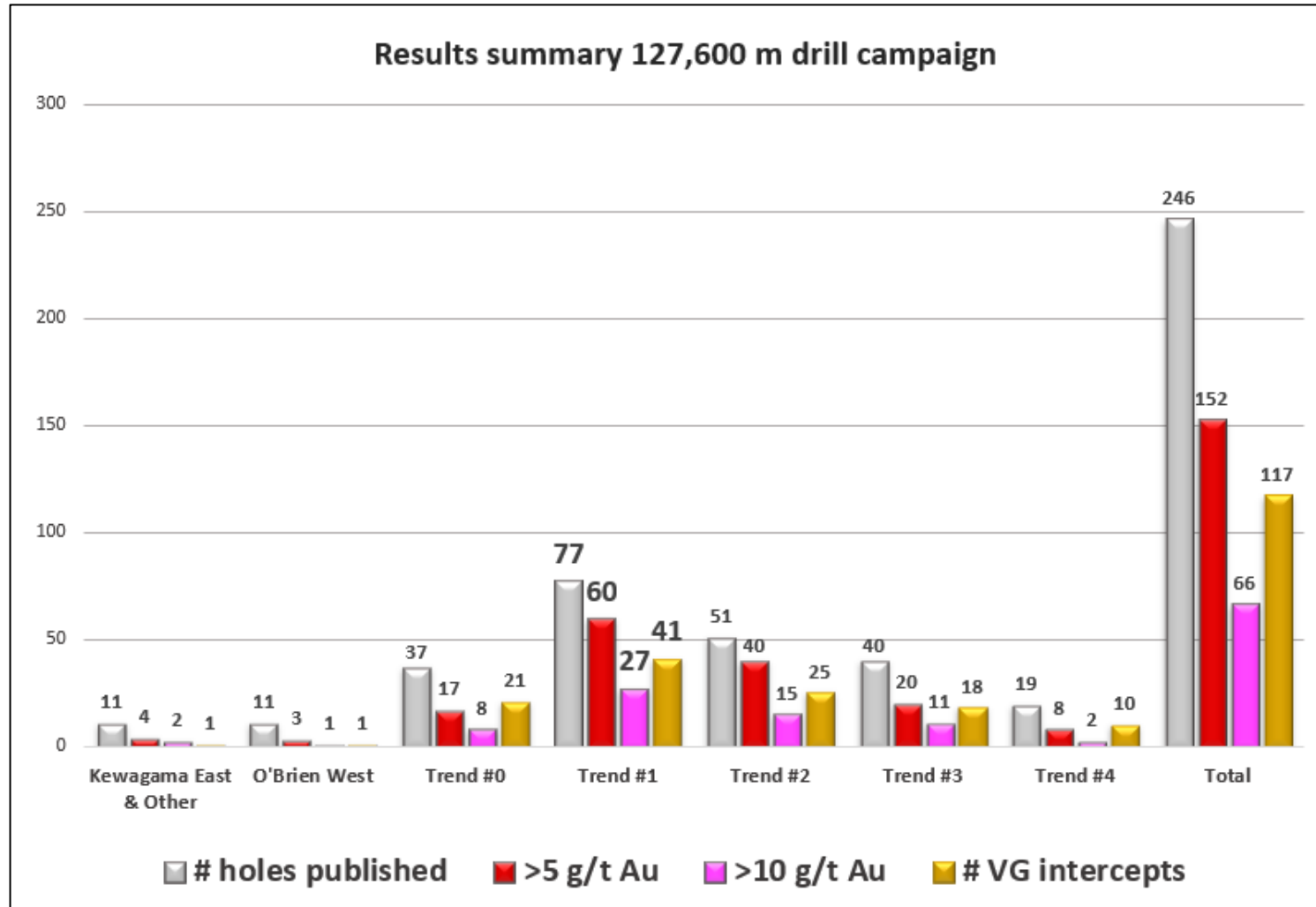
	Trend #0 - 37/37 holes published				Trend #1 - 77/77 holes published				Trend #2 - 51/61 holes published				Trend #3 - 40/40 holes published				Trend #4 - 19/19 holes published			
	Hole ID	Core Length (m) <sup>1</sup>	Au (g/t) <sup>2</sup>	Metal factor <sup>3</sup>	Hole ID	Core Length (m) <sup>1</sup>	Au (g/t) <sup>2</sup>	Metal factor <sup>3</sup>	Hole ID	Core Length (m) <sup>1</sup>	Au (g/t) <sup>2</sup>	Metal factor <sup>3</sup>	Hole ID	Core Length (m) <sup>1</sup>	Au (g/t) <sup>2</sup>	Metal factor <sup>3</sup>	Hole ID	Core Length (m) <sup>1</sup>	Au (g/t) <sup>2</sup>	Metal factor <sup>3</sup>
<b>Best intercepts published since 2019</b>	OB-20-153	2.6	92.9	242	OB-19-92w2b	4.7	66.7	314	OB-20-156W1	2.8	57.5	161	OB-20-149	2.1	45.9	96	OB-21-241	2.0	31.6	63
	OB-21-235	3.0	59.8	179	OB-20-167	2.5	111.0	277	OB-20-156	21.2	6.9	146	OB-21-206	2.0	24.8	50	OB-21-228	2.4	13.8	33
	OB-20-168	8.0	14.9	119	OB-21-216W1	3.9	34.7	135	OB-21-201	10.7	11.1	119	OB-21-207	4.4	10.0	44	OB-22-298	2.2	8.7	19
	OB-20-153	2.5	47.1	118	OB-20-148W1	2.2	45.3	100	OB-20-180	5.0	18.4	92	OB-20-146	2.0	21.3	43	OB-21-228	1.9	9.3	18
	OB-21-221W3	2.0	37.9	76	OB-20-127	32.2	3.1	99	OB-20-135	4.4	18.2	80	OB-20-146	2.2	17.9	38	OB-21-296	2.0	7.7	15

1. True widths estimated at 70% to 80% of core length, 2. Assays grades shown uncapped, 3. Metal factor = Grade x Core length (metres x Au g/t)



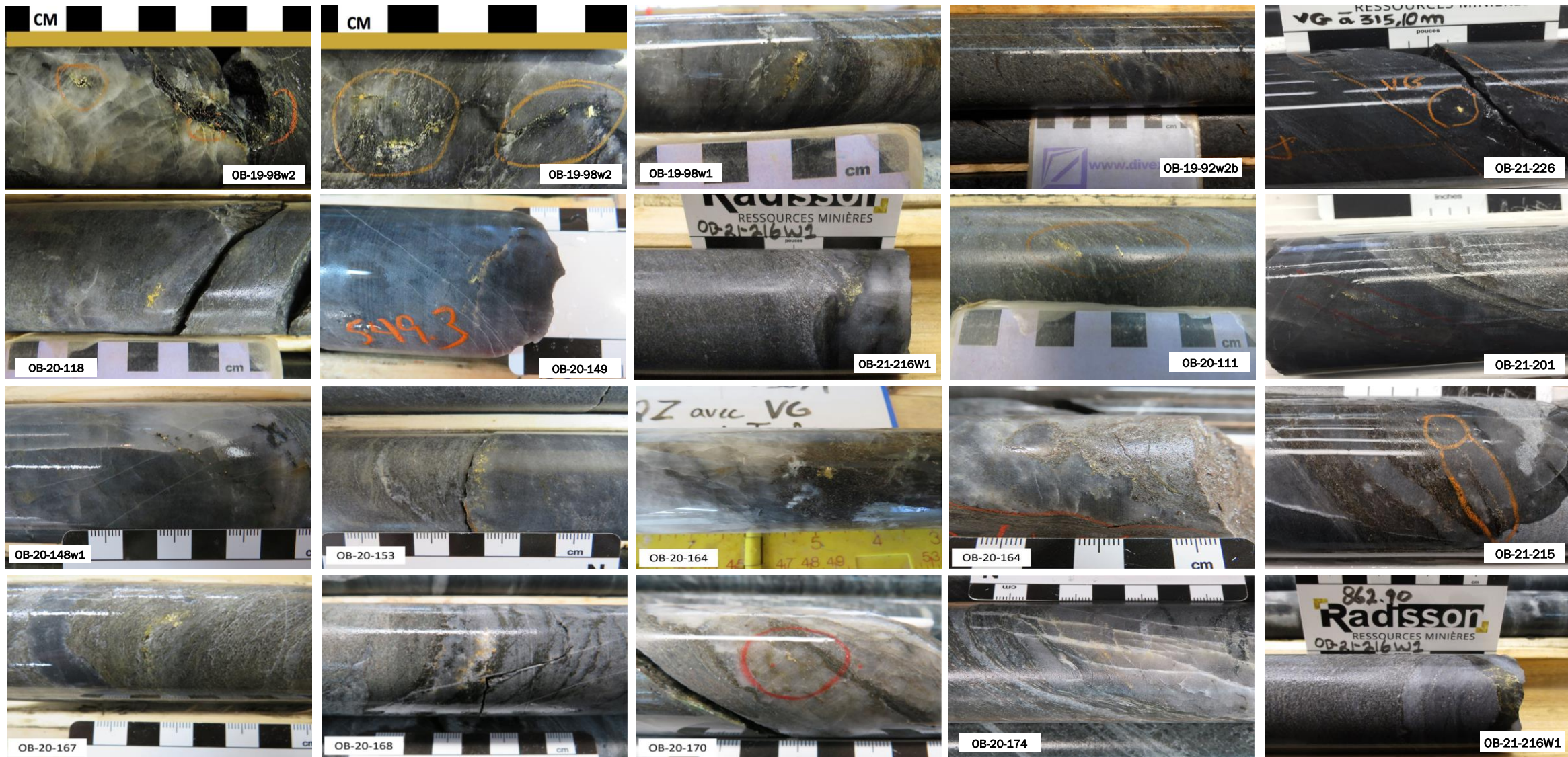
# Excellent results from largest drilling campaign in company's history

## Results summary from largest drill campaign in the company's history



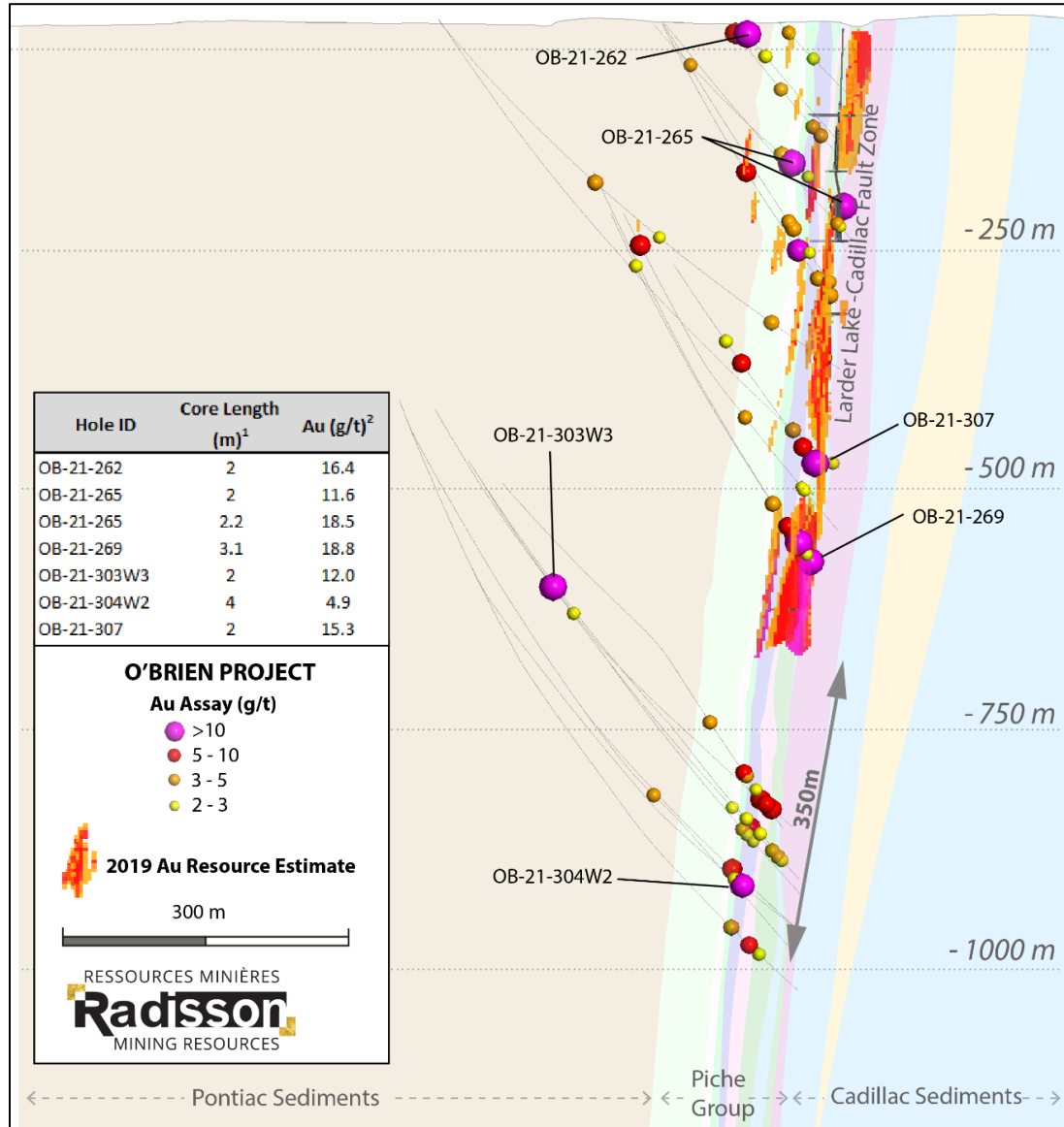
1. Data extracted from October 20, 2022 press release

# O'Brien drill core with visible gold showings





# Trend 0, 1: 59,700 m of drilling



## Mineralized Trends 0, 1

	Allocated drilling (m)	Drilled - Results published (m)	Drilled - Results pending (m)
Trend 0	18,200	18,200	0
Trend 1	42,200	42,200	0
<b>Total</b>	<b>60,400</b>	<b>60,400</b>	<b>0</b>

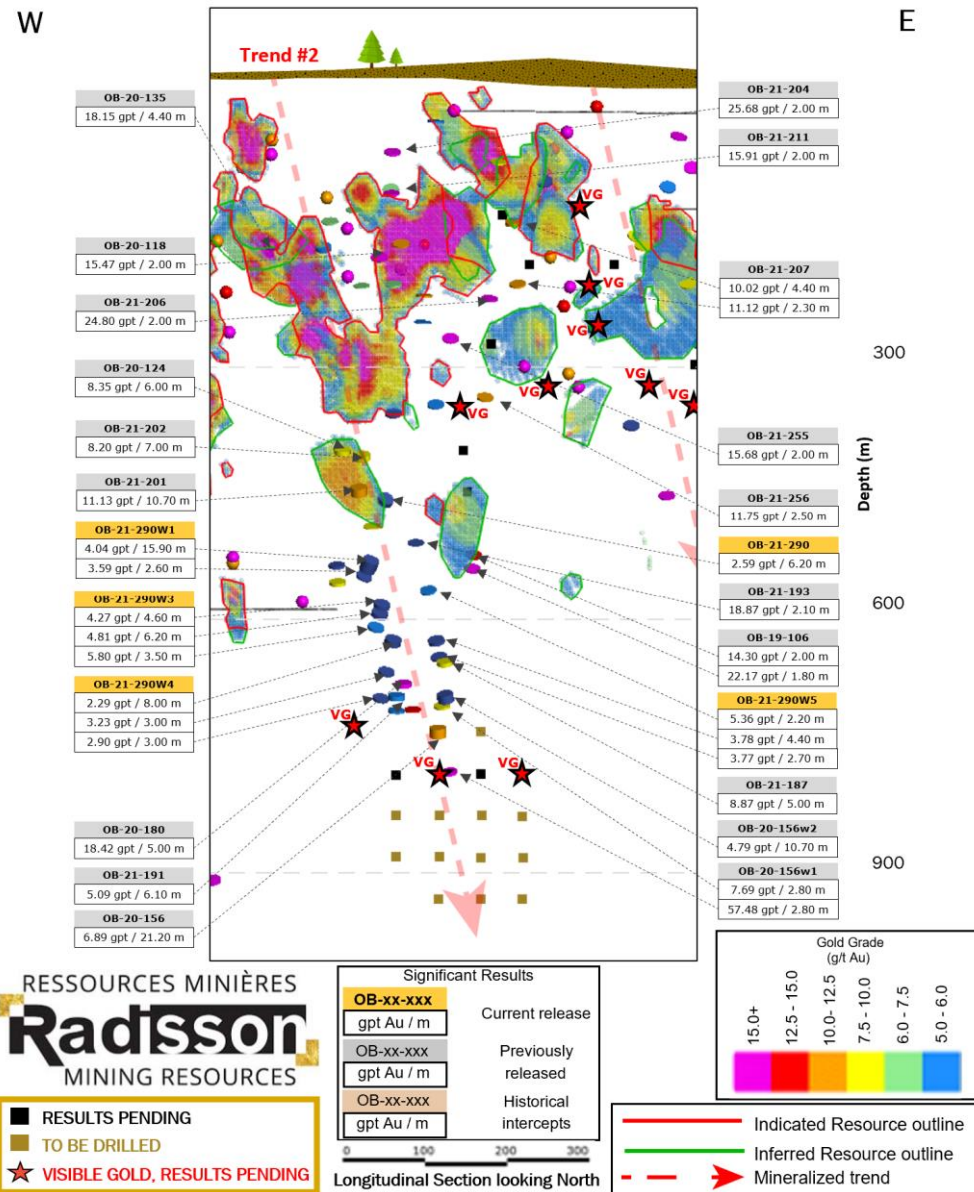
- ❑ Trend 0 (Gap between old O'Brien Mine and current resources in trend #1): Drilling completed to a depth of 800 m
  - 37 holes published to date including 17 intercepts > 5 g/t Au and 8 intercepts >10 g/t Au
  - Current resources mostly within 240 m from surface
  - Drilling to date has traced mineralization down to 620 m vertical depth
- ❑ Trend 1: Completed drilling to a depth of 950 m
  - 77 holes published to date including 60 intercepts >5 g/t Au and 27 intercepts >10 g/t Au
  - Current resources mostly within 600 m from surface
  - Drilling to date has traced mineralization down to 950 m vertical depth

# Trend 2 : 34,500 m of drilling planned

## Mineralized Trend 2

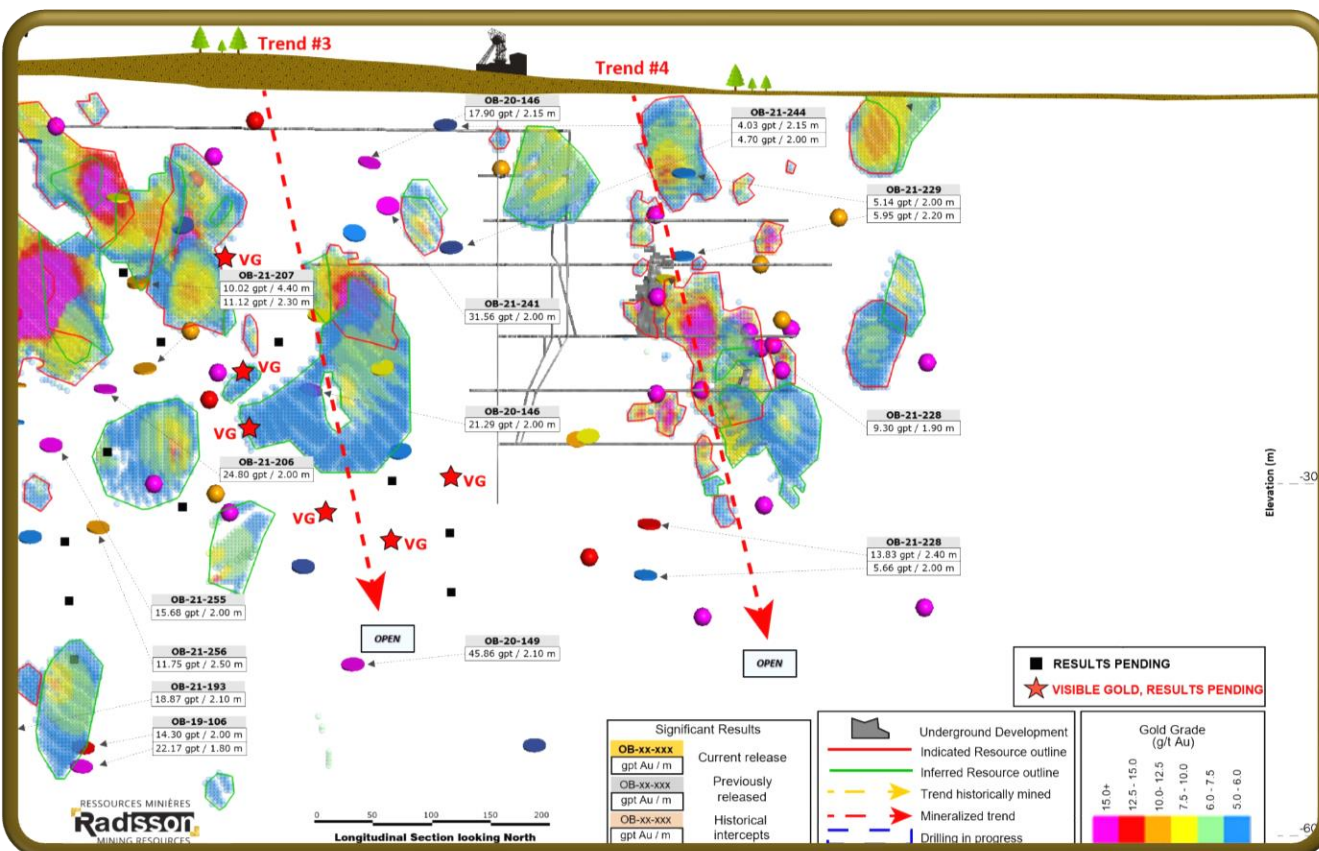
	Allocated drilling (m)	Drilled - Results published (m)	Drilled - Results pending (m)
Trend 2	33,200	28,200	5,000

- Trend 2: Completed drilling to a depth of 900 m
  - 51 holes published to date including 40 intercepts > 5 g/t Au and 15 intercepts >10 g/t Au
  - Current resources mostly within 400 m from surface
  - Drilling to date has traced mineralization down to 800 m vertical depth
  - Directional drill program targeted depth extension of mineralization down to 900 m





# Trend 3, 4 & Eastern exploration: 28,900 m of drilling planned



## Mineralized Trends 3, 4 & Eastern exploration

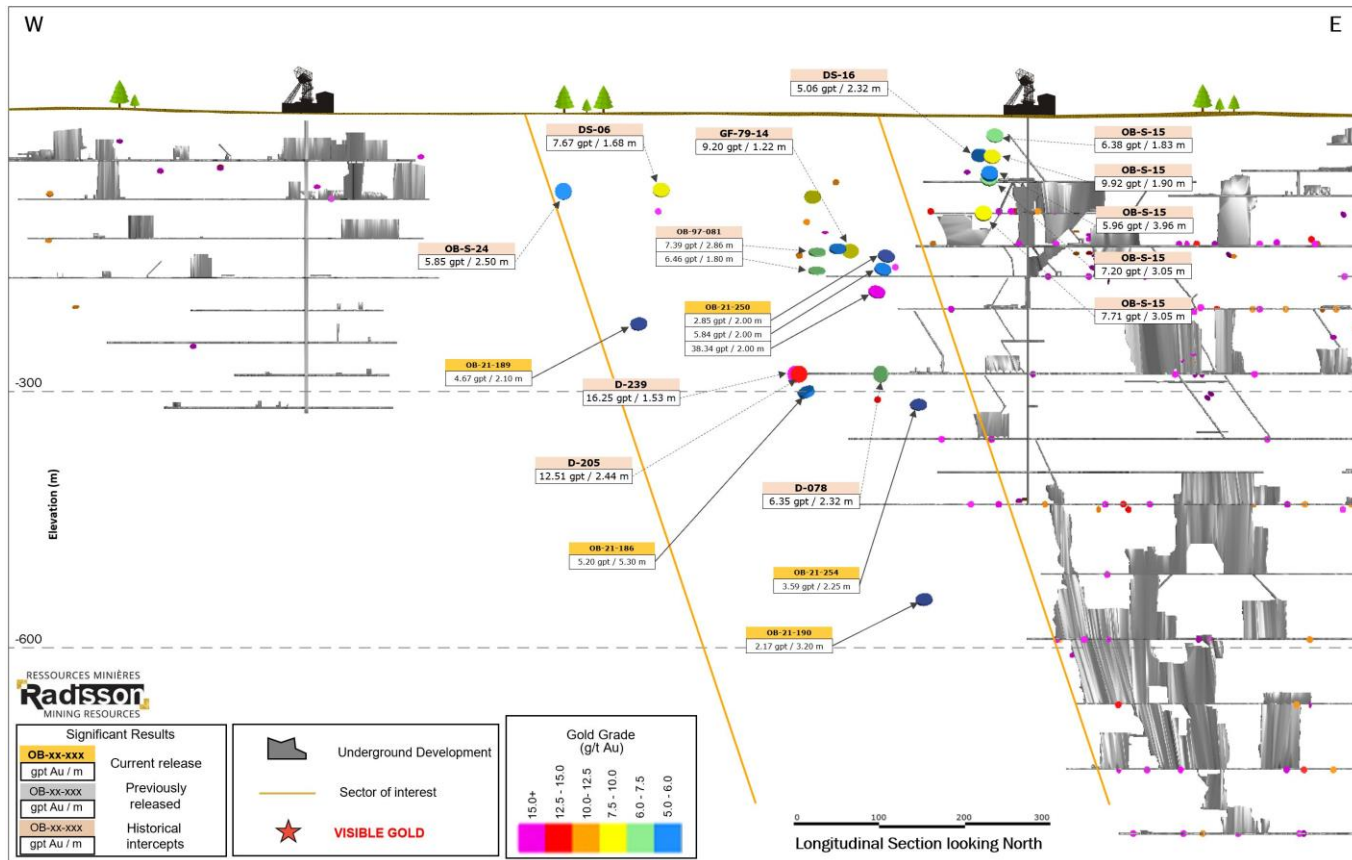
	Allocated drilling (m)	Drilled - Results published (m)	Drilled - Results pending (m)
Trend 3	16,200	16,200	0
Trend 4 (Kewagama)	8,500	8,500	0
Kewagama East & Other	3,600	3,600	0
<b>Total</b>	<b>28,300</b>	<b>28,300</b>	<b>0</b>

- ❑ Trend 3: Completed drilling to a depth of 550 m
  - 40 holes published to date including 20 intercepts > 5 g/t Au and 11 intercepts >10 g/t Au
  - Current resources mostly within 240 m from surface
  - Drilling to date has traced mineralization down to 500 m vertical depth
- ❑ Trend 4: Drilling has traced mineralization down to 330 m
- ❑ East of trend 4: Approx 750 m of strike largely untested; future drilling to test for additional mineralized trends to the east of trend 4

# O'Brien West: 5,700 m of drilling published

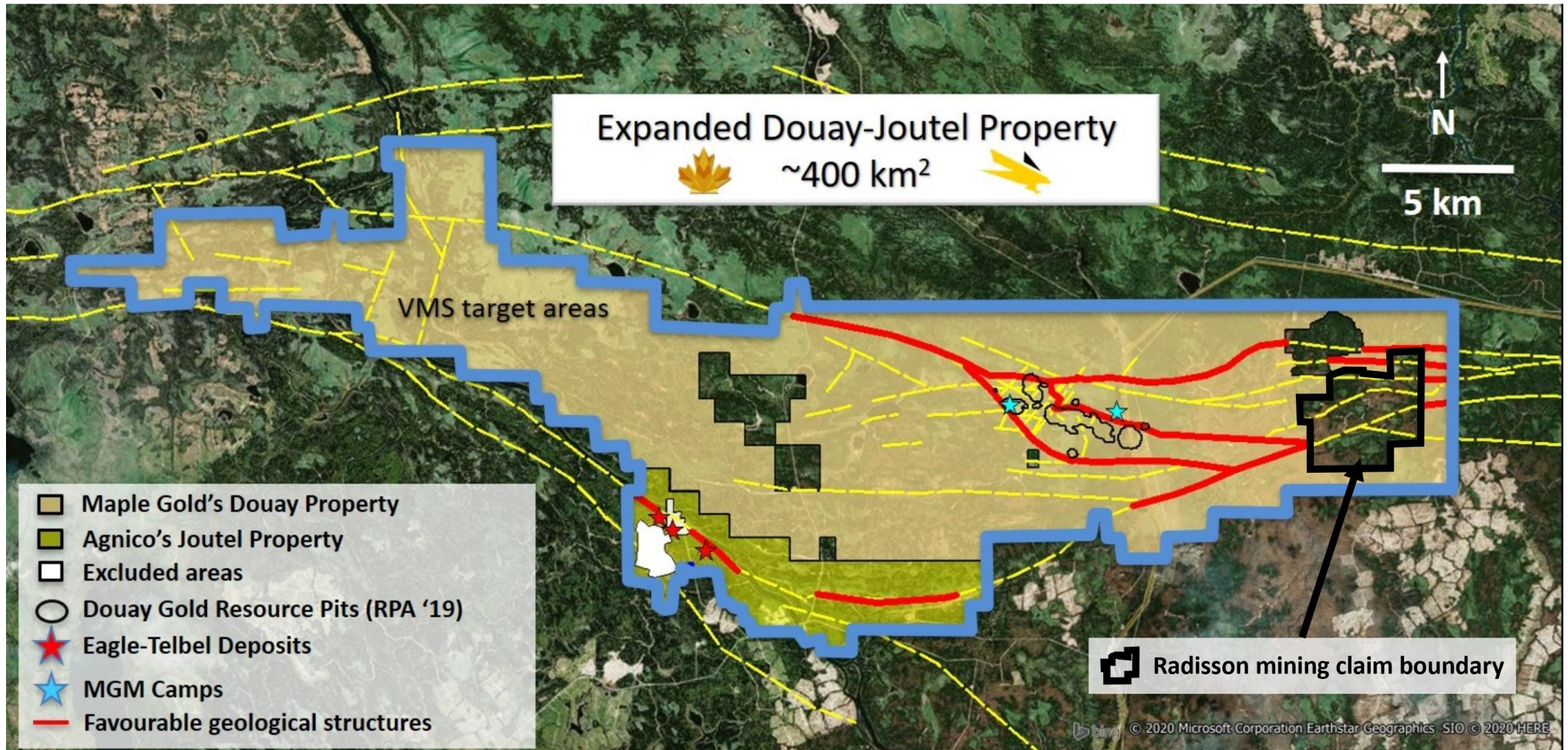
## O'Brien West

- 5,700 m of exploration drilling has been completed to the west of the O'Brien Mine
  - No currently defined NI 43-101 resources in the area
  - Drilling conducted to a depth of 750 m





# Douay Project: Radisson's claims relative to Agnico-Eagle – Maple Gold JV<sup>1</sup>







## Contact Information

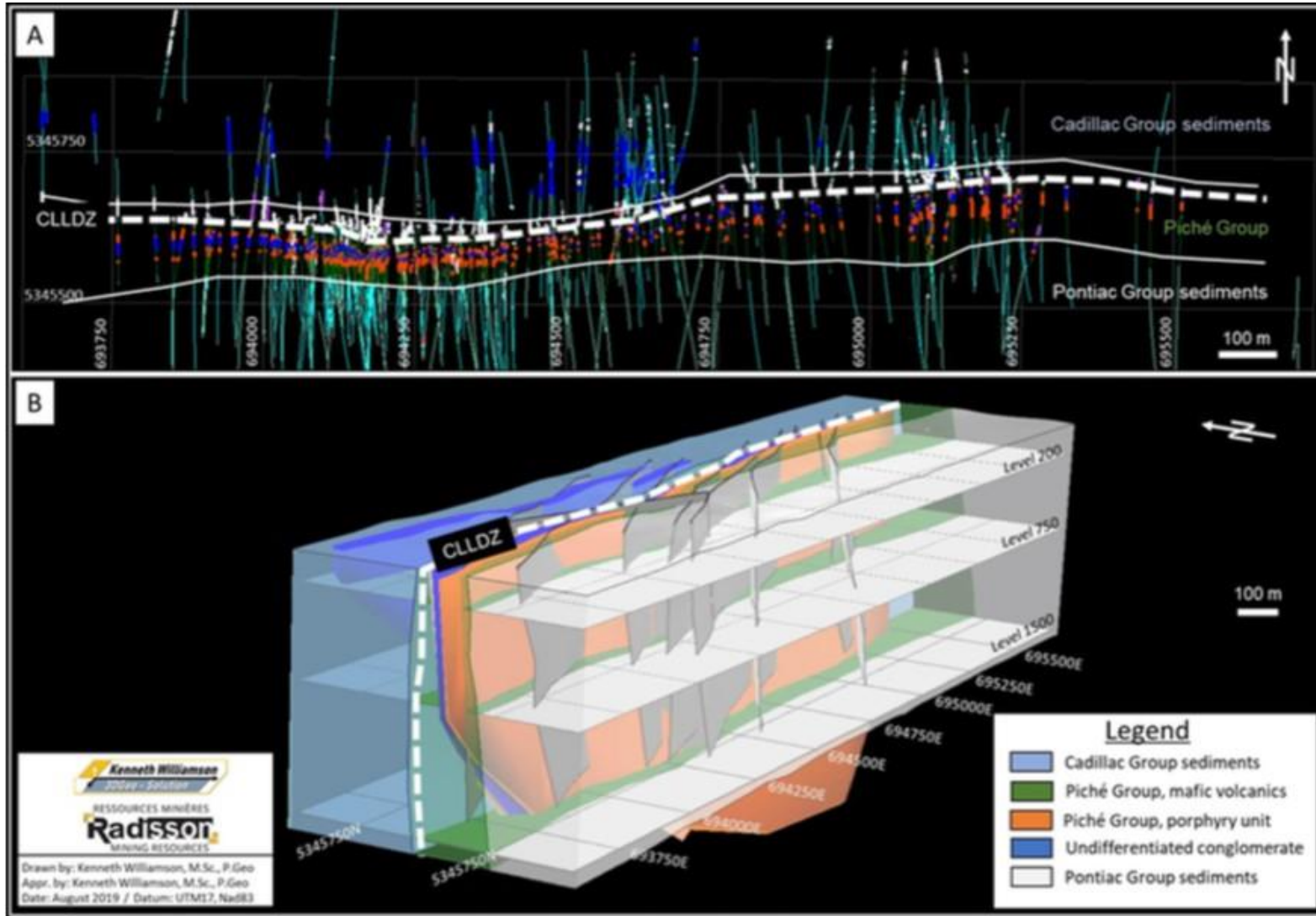
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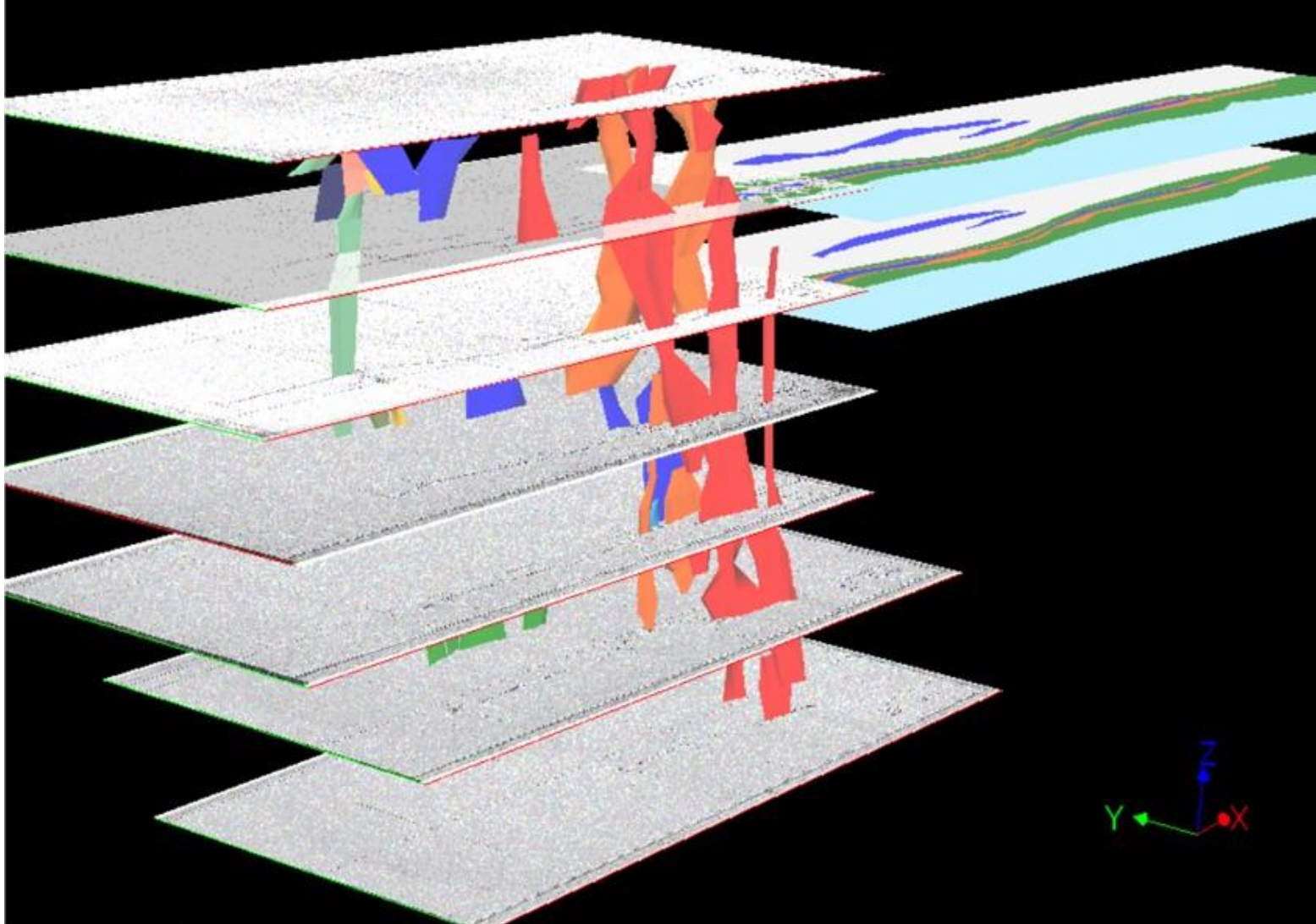


# Appendix: 2019 Lithostructural Model



Source: NI 43-101 Technical report for the O'Brien project, Abitibi, Québec, 3D Geo-solution, July 15, 2019

# Appendix: 2019 Litho-structural Model – Validated by data from the old O’Brien Mine



## O'Brien Mine: 3D Isometric view

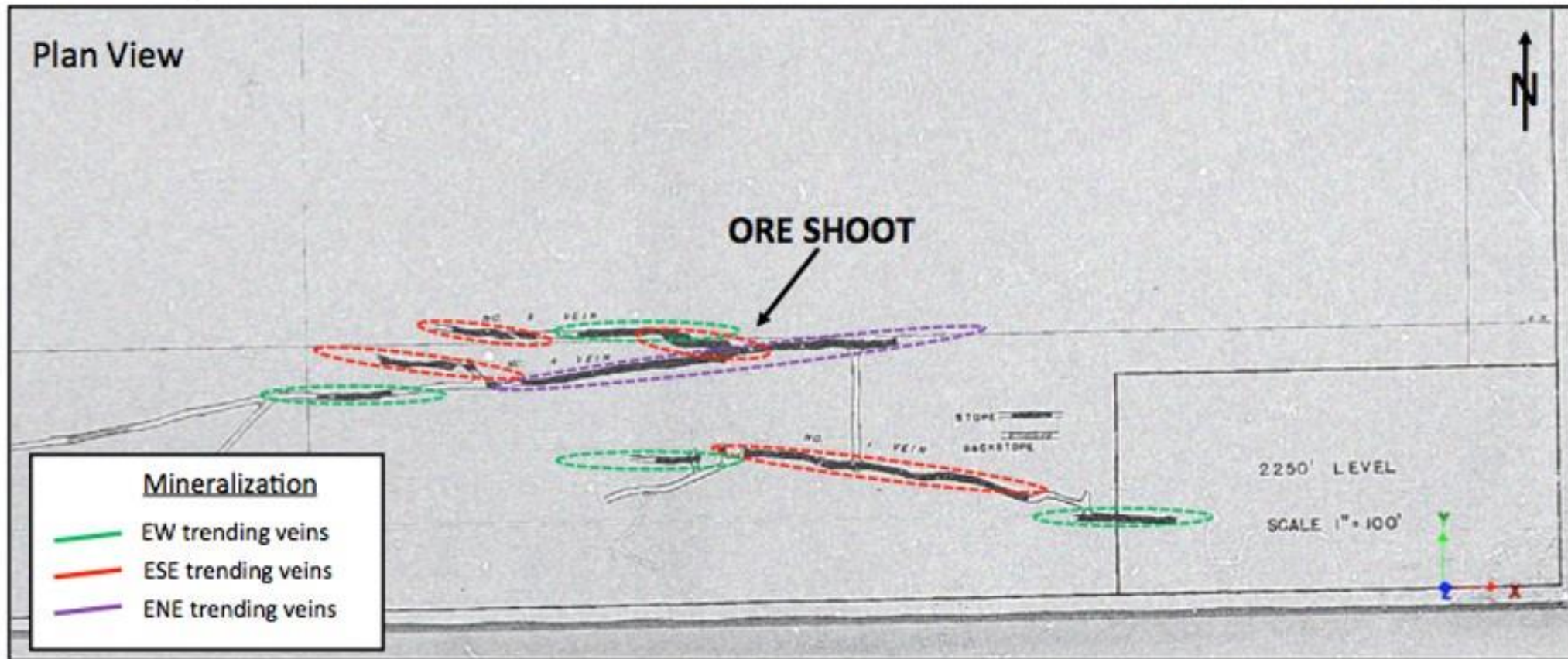
- Mined 587 koz @ 15.25 g/t (1926 – 1957)
- Mined to a depth of ~1,100 m
- ~90% of production came from only 3 veins

Source: NI 43-101 Technical report for the O'Brien project, Abitibi, Québec, 3D Geo-solution, July 15, 2019



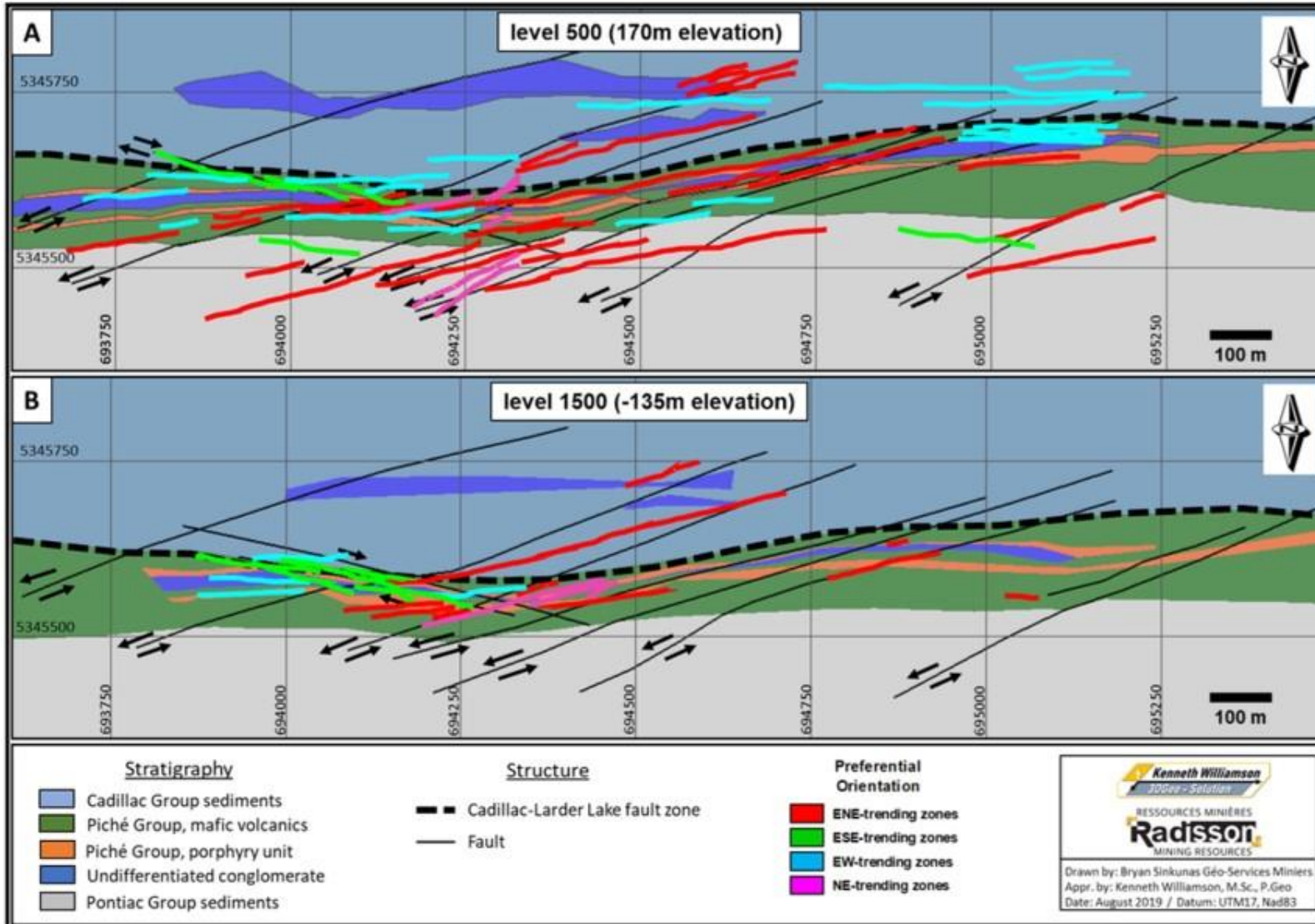
# Appendix: 2019 Litho-structural model – Strong compatibility with structures mined at O’Brien

## Old O’Brien level 2250 CLOSE-UP – Initial Interpretation



Level plans based on old production data show a strong compatibility between the new model and the geometry of structures previously mined at the O’Brien mine.

# Appendix: 2019 litho-structural model - Plan view at different elevations



**New model provides an opportunity to better target high-grade zones**

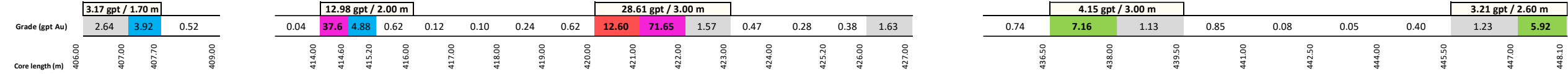
- ~63 veins have been modeled, the majority of which have yet to be fully drill tested
- Data suggests very good continuity of mineralization to depth, but there has been limited drilling below 550 m
- Opportunity to better target high-grade zones due to improved structural understanding



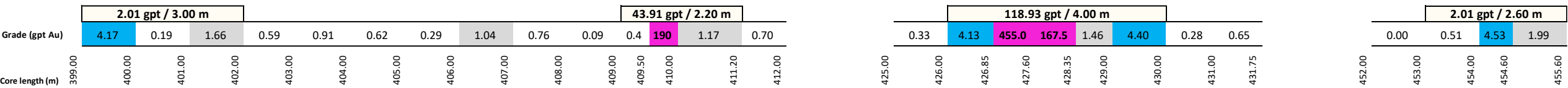
# Au Grade distribution - Select drill holes

Grade	>=15.0	12.5 - 15.0	10.0 - 12.5	7.5 - 10	5.0 - 7.5	3.0 - 5.0	1.0 - 3.0
(gpt Au)	>=15.0	12.5 - 15.0	10.0 - 12.5	7.5 - 10	5.0 - 7.5	3.0 - 5.0	1.0 - 3.0

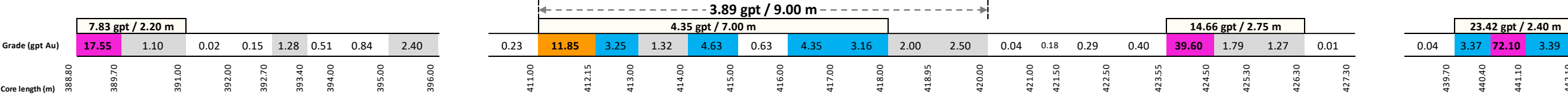
## OB-17-025W1



## OB-18-084



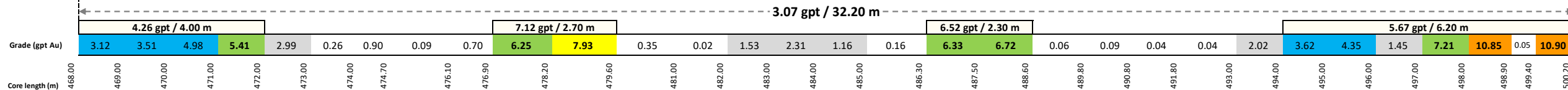
## OB-18-085



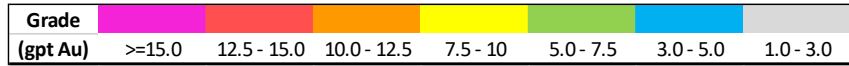
## OB-20-124



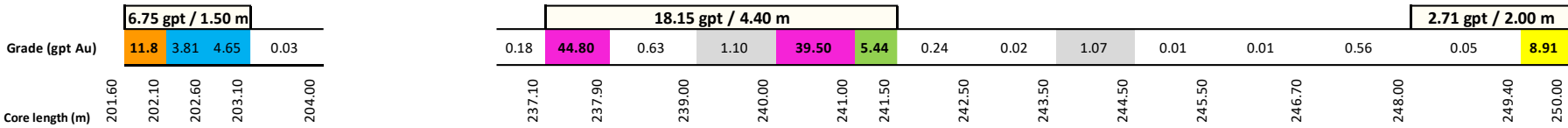
## OB-20-127



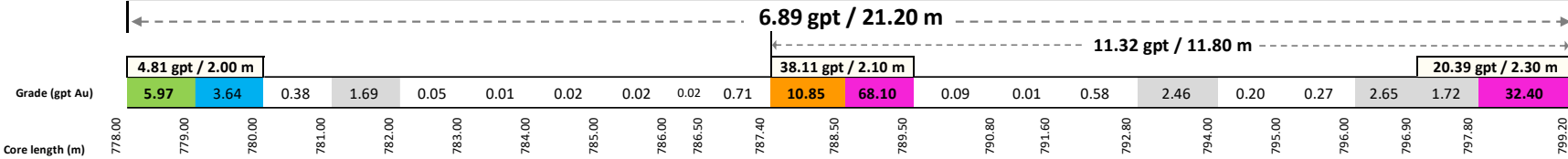
# Au Grade distribution – Select drill holes (contd...)



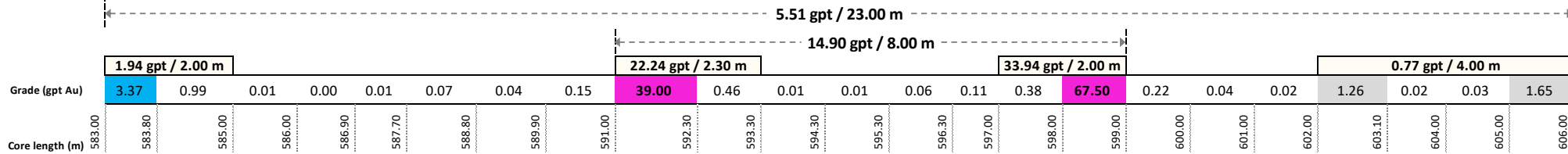
## OB-20-135



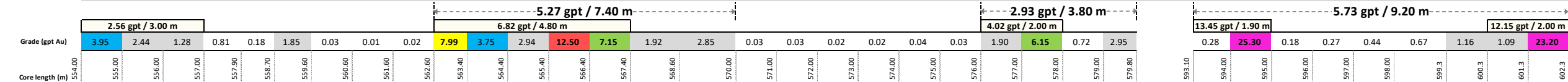
## OB-20-156



## OB-20-168



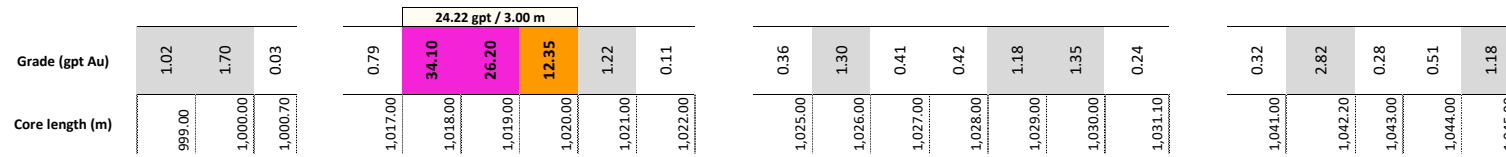
## OB-20-170



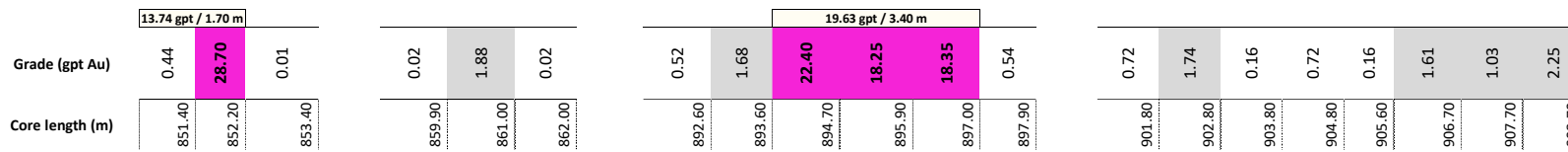
# Au Grade distribution - Select drill holes (contd...)

Grade (gpt Au)	>=15.0	12.5 - 15.0	10.0 - 12.5	7.5 - 10	5.0 - 7.5	3.0 - 5.0	1.0 - 3.0
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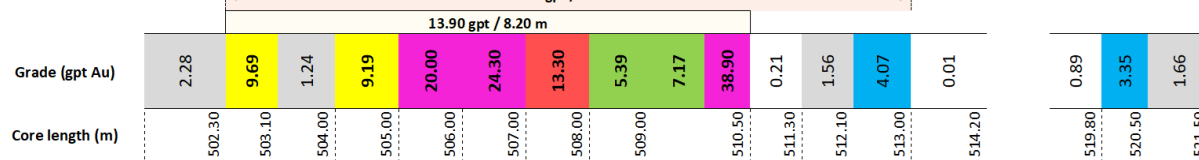
## OB-20-174W1B



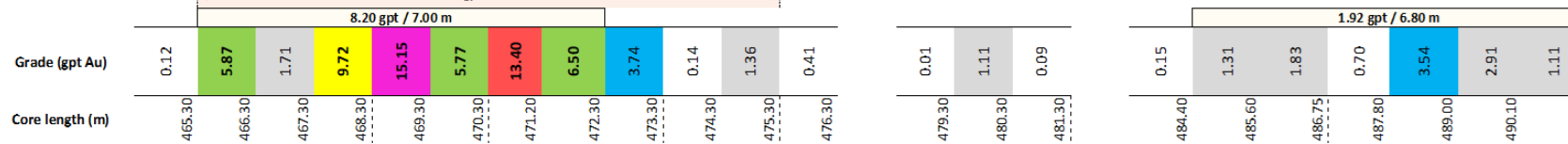
## OB-20-181



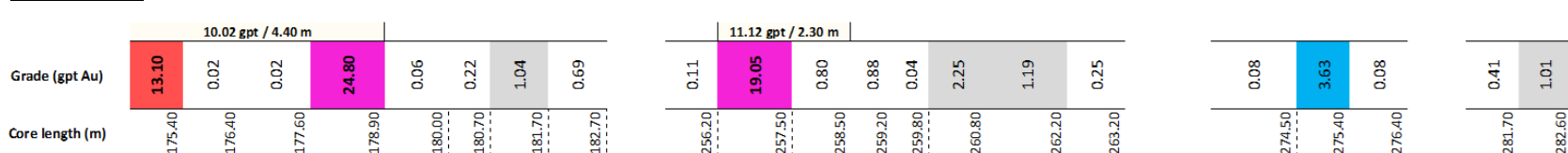
## OB-21-201



## OB-21-202



## OB-21-207





# Radisson Mining Resources: Consolidated NI-43-101 Mineral Resource Estimates



	Tonnage (t)	Grade (g/t Au)	Ounces (oz)
<b>O'BRIEN PROJECT<sup>1</sup></b>			
Indicated resources	949,700	9.48	289,400
Inferred resources	617,400	7.31	145,000
<b>NEW ALGER PROJECT<sup>2</sup></b>			
<i>Pit constrained</i>			
Indicated resources	1,016,000	1.88	61,500
Inferred resources	2,322,000	1.65	123,300
<i>Out-of-Pit</i>			
Indicated resources	19,000	1.81	1,100
Inferred resources	904,000	2.23	64,700
<b>TOTAL COMBINED: O'BRIEN &amp; NEW ALGER<sup>3</sup></b>			
<b>Indicated resources</b>	<b>1,984,700</b>		<b>352,000</b>
<b>Inferred resources</b>	<b>3,843,400</b>		<b>333,000</b>

1. 43-101 Technical report for the O'Brien project, Abitibi, Québec, 3D Geo-solution, July 15, 2019

2. Updated mineral resource estimate and technical report on the New Alger Gold property, Abitibi-Témiscamingue region, Northwestern Québec, Canada, NI 43-101 & 43-101F1 technical report P&E Mining Consultants Inc, May 1, 2020

3. Numbers may not add up due to rounding