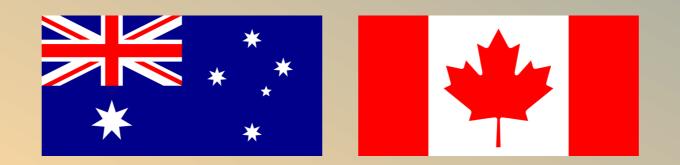


# **ASX Explorer** Canadian Gold

Building a Compelling Gold Project in Ontario, Canada



**26 November 2020 ASX: ADV** 



## Disclaimer

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Summary of information: This presentation contains general and background information about the Company's activities current as at the date of the presentation and should not be considered to be comprehensive or to comprise all the information that an investor should consider when making an investment decision. The information is provided in summary form, has not been independently verified, and should not be considered to be comprehensive or complete. The Company is not responsible for providing updated information and assumes no responsibility to do so.

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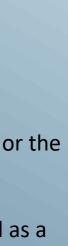
Future performance: This presentation contains certain forward-looking statements and opinion. The forward-looking statements, opinion and estimates provided in this presentation are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward-looking statements, including projections, forecasts and estimates, are provided as a general guide only and should not be relied on as an indication or guarantee of future performance and involve known risks, uncertainties and other factors, many of which are outside the control of the Company. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward looking statements or other forecast.

#### Previously Reported Information: This presentation refers to the following information previously announced to the ASX, which is available to view on the Company's website at www.ardiden.com.au:

- 20 November 2020: South Limb and Kasagiminnis Exploration Update and Increase to 857km<sup>2</sup> Landholding
- 6 November 2020: Initial Kasagiminnis Assays Show Strong Gold Mineralisation
- 13 October 2020: Tier 1 Scale Gold Targets at New Patricia
- 6 October 2020: South Limb Gold Prospect Ready to Drill
- 16 September 2020: Company Presentation RIU Conference
- 8 September 2020: Airborne Geophysics Survey Underway at New Patricia
- 3 September 2020: Visible Gold in First Kasagiminnis Drillhole
- 1 September 2020: Drilling Underway at Kasagiminnis
- 18 August 2020: Kasagiminnis Exploration Awarded & Driller Engaged
- *3 August 2020: Ardiden Exploration Update*
- 15 July 2020 : Ardiden to raise up to \$4.5m
- 16 June 2020: Ardiden Gold Pipeline
- 27 May 2020: Drilling and Exploration Target at Pickle Lake Gold Project
- 21 April 2020: Ardiden signs Gold Exploration MOU with Ontario First Nation
- 9 April 2020: Ardiden Amasses Largest Gold Landholding at Pickle Lake
- 18 February 2020: High Grade Gold Intercepts over 25km Strike at Pickle Lake
- 10 September 2019: Maiden High-Grade Gold Resource at Pickle Lake
- 31 August 2018: High-Grade Gold Results Underpin Potential at Pickle Lake
- 31 July 2018: Ardiden Exercises Option to Acquire Highly Prospective Pickle Lake Gold Project
- 25 July 2018: Ardiden Completes Successful Due Diligence Drill Program at Pickle Lake
- 2 August 2017: Ardiden Options Highly Prospective Gold Project

The Company confirms that it is not aware of any other new information or data that materially affects the information included in the original market announcements referred to above, and that all material assumptions and technical parameters have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements. Not an offer: This presentation is not, and should not be considered as, an offer or an invitation to acquire securities in the Company or any other financial products and neither this document nor any of its contents will form the basis of any contract or commitment. This presentation is not a prospectus. Offers of securities in the Company will only be made in places in which, or to persons to whom it would be lawful to make such offers. This presentation must not be disclosed to any other party and does not carry any right of publication. Neither this presentation nor any of its contents may be reproduced or used for any other purpose without the prior written consent of the Company. **Photographs:** Photographs of customers in this presentation are not photographs of the Company's actual customers and have been used for illustration purposes only. Monetary values: Unless otherwise stated, all dollar values are in Australian dollars (A\$). The information in this presentation remains subject to change without notice.



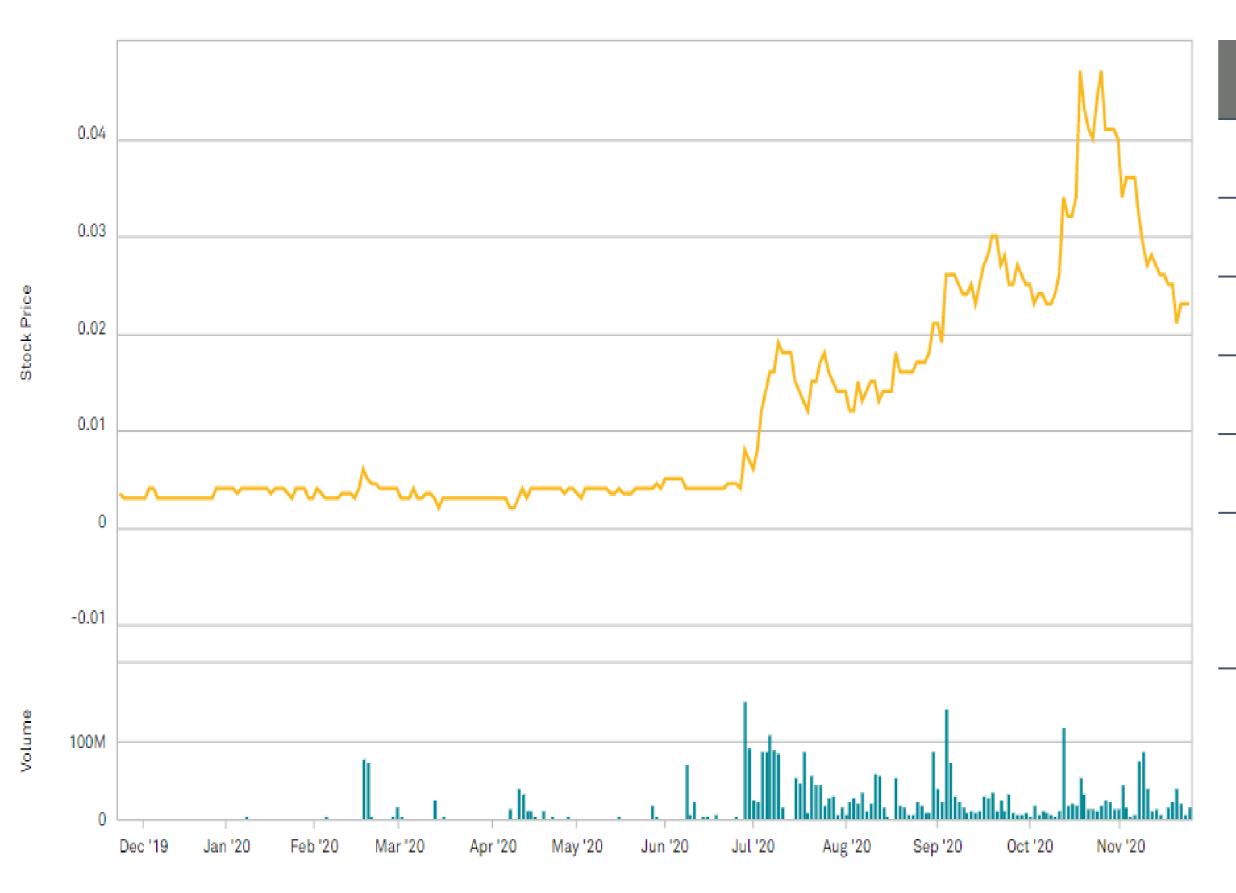




# **Corporate Structure**

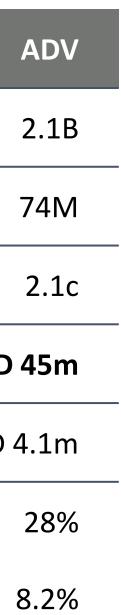
\*on 25 November 2020





ASX Code	
Shares on Issue	
Unlisted Options (with performance Hurdles)	-
Share Price (close 25 Nov 2020)	
Market Capitalisation	AUD
Cash (30 Sep 2020)	AUD 4
Top 20 Shareholders	
Substantial: 1832 Asset Management L.P.	8







### Rob Longley

#### Managing Director & CEO BSc, Hons, Geology

Geologist with extensive gold discovery & mining experience in Australia & Internationally. Graduated with First Class Honours, Geology, from University of WA. Has worked with Rio Tinto, BHP & junior/mid-tier companies. Technically minded & focused on achieving success by delivering value to shareholders.

### Pauline Gately

**Non-Executive Director Exploration Manager Non-Executive Chairman** BEcon, FFin, GAICD BA Hons, Econ, Grad Dip Acc, GAICD International investment banking

veteran with over 20 years experience in senior roles, & Company director. **Chair of ASX-listed Australia Primary** Hemp Ltd (ASX:APH).

Previously served as Chairperson of SGX-listed Alliance Mineral Assets Ltd (AMAL), oversaw a ten-fold increase in market capitalisation before merging with Tawana Resources NL.

Since May 2019

## **Board & Management**



### Neil Hackett

### Dan Grabiec

P.Geo

Geologist based in Canada with significant exploration & development experience in Canada, overseeing & carrying out high-quality drilling programs, resource definition drilling & analysing geological structures. Previously Project Geologist at Greenstone Gold Mines Ltd.

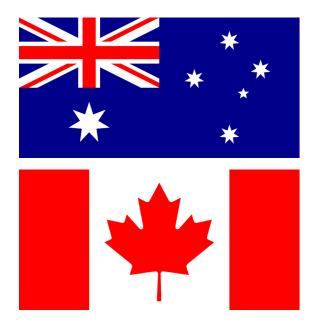
	Director with 25 years experience with	
2	ASX200 resources entities, diversified	
	industrials, funds management, & ASIC.	
	Non-Executive Director of Hastings	
	Technology Metals Ltd (ASX:HAS),	
	Intelicare Ltd (ASX:ICR) & Steel Blue.	
	Neil helped drive the successful	
ו	acquisition of Ampella Mining by	
	Centamin Plc for a significant premium in	
	2014.	



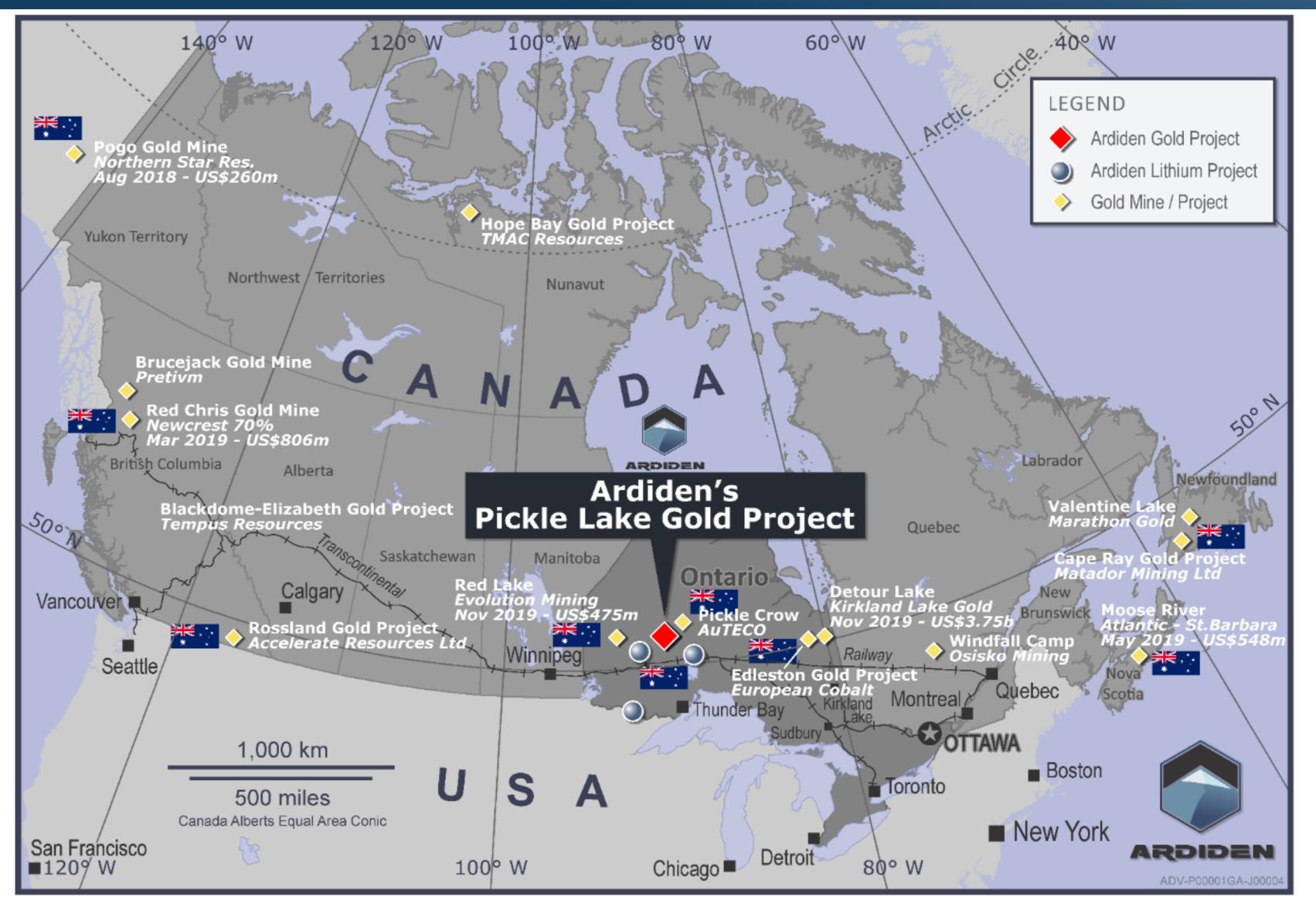
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# NORTH AMERICA

# Australia-Canada **Golden Synergies**



**Archean Greenstones Similar Mineralisation styles** Well regulated industry Safe Investment /Operating Regime

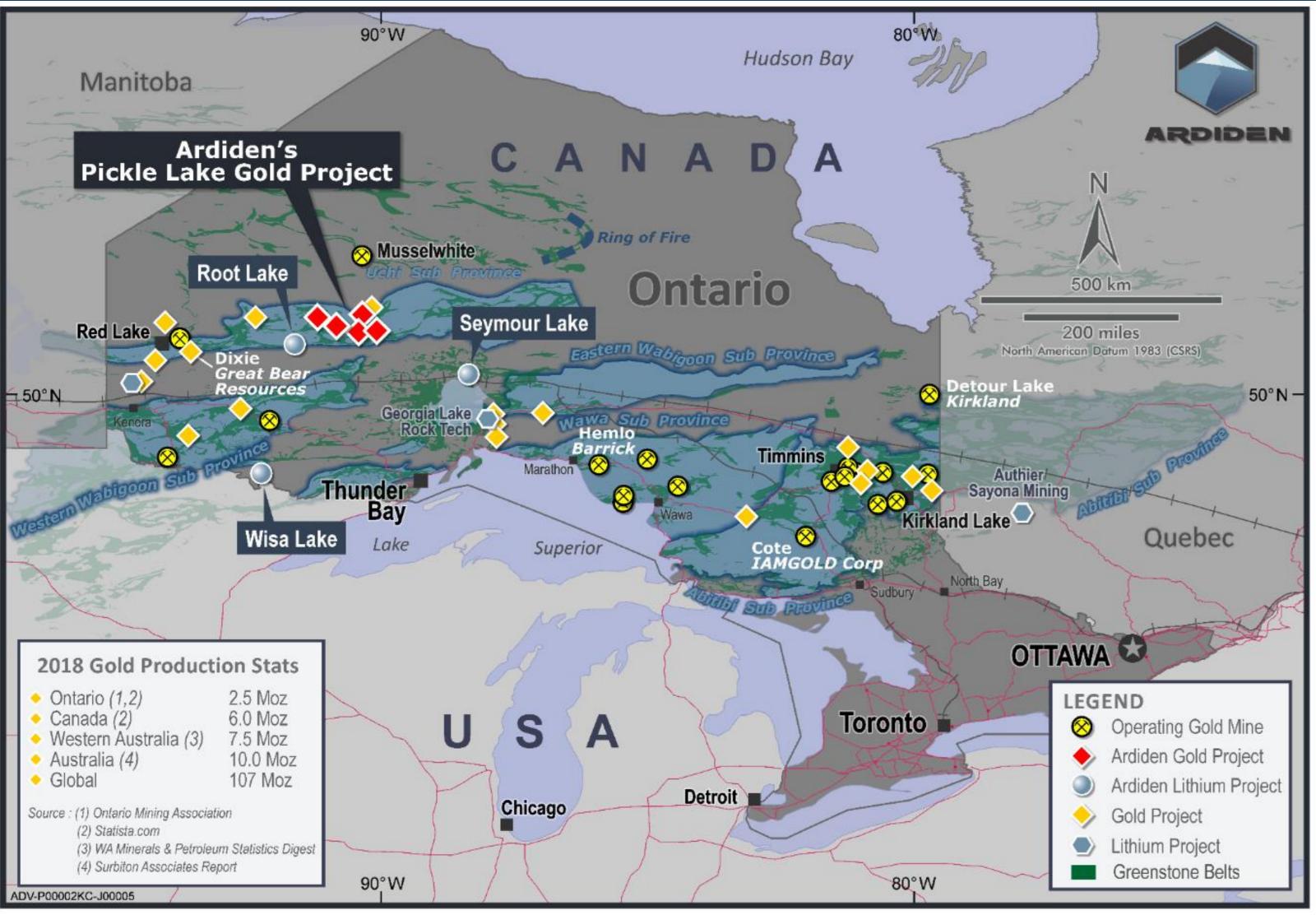






# **ONTARIO**

## Large, high-grade Gold Mines in Tier 1 Jurisdiction 20 Operating Gold Mines and 2.5Moz annual Gold production in Ontario



Archean Greenstone Belts of Ontario



Ardiden Canadian Exploration Assets in northwest Ontario:

<u>Gold (857 km<sup>2</sup>)</u> Pickle Lake Gold Project 21 Gold Prospects

Lithium (92 km<sup>2</sup>) Seymour Lake Wisa Lake Root Lake







# Ardiden's Highlights

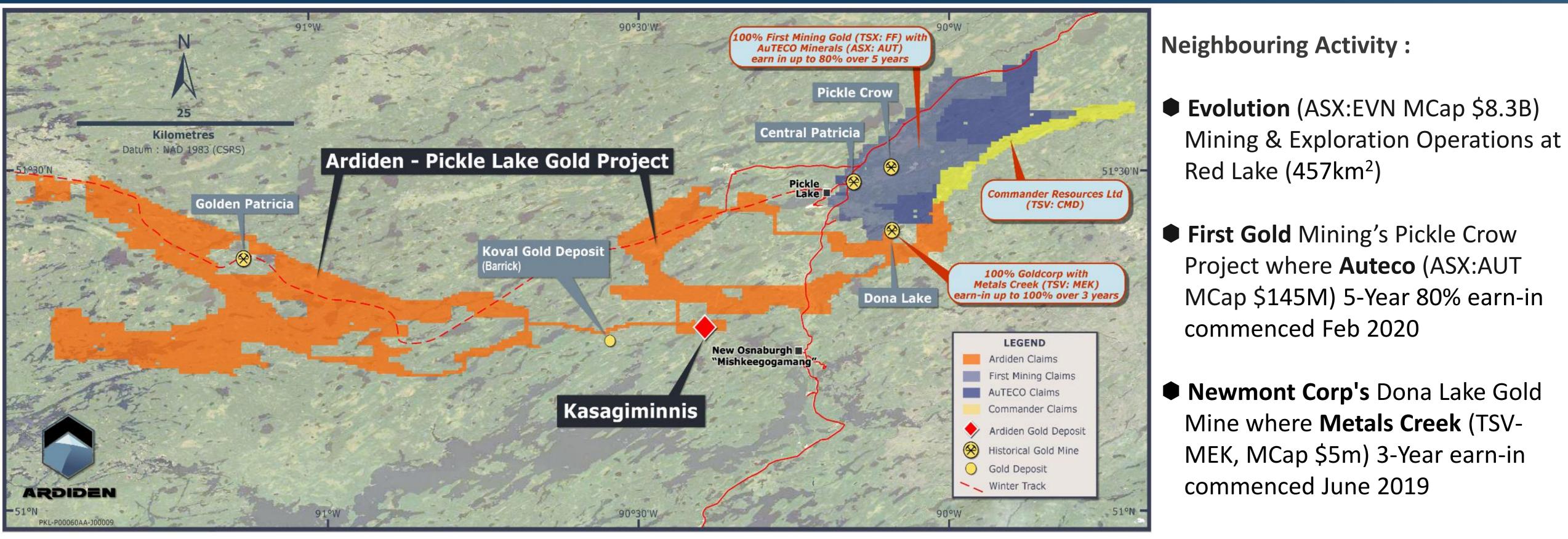
**Commanding 857km<sup>2</sup> Gold Tenure in Tier-1 Mining Jurisdiction:** 

Ardiden has continuous exploration ground over a 100km wide belt (in orange below) JORC (2012) Maiden Inferred Resource of 110,000oz @ 4.30 g/t Au at Kasagiminnis Deposit 'Kas' (ASX release 10 Sep 2019)

Exploration Target<sup>1</sup> of 0.5 - 1.2Moz @ 3.9 - 6.6g/t Au at Kas (ASX release 27 May 2020)

• 99,600oz non-JORC<sup>2</sup> historical estimate @ 5.8g/t Au at the Dorothy + Dobie Deposits (ASX release 2 Aug 2017)

• Drilling Started at Kas (ASX release 1 Sep 2020) and Detail Airborne Geophysics flown over New Patricia/Esker (ASX release 8 Sep 2020)

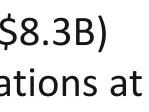


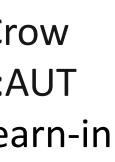
#### Pickle Lake District

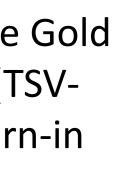
\*1-The potential quantity and grades stated for the Exploration Target is conceptual in nature and there has been insufficient exploration to define Mineral Resources across the exploration target area. It is uncertain if further exploration of these targets will produce results that permit additional Mineral Resources to be estimated.

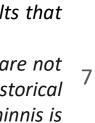
\*2- Non-JORC historical estimates (1987-1993) by original owners of the Kasagiminnis, Dorothy and Dobie Deposits, were summarised in 2009 in an NI43-101 Technical Report on Gold Properties within the Pickle Lake area (Harron, 2009). The historical resource estimates are not reported in accordance with the JORC Code and a competent person has not done sufficient work to classify the historical estimates as mineral resources in accordance with the JORC Code. It is uncertain that following evaluation and further exploration work that the historical estimates will be able to be reported as mineral resources in accordance with the JORC Code. The Company is progressively converting historical data to JORC reporting standards with additional drilling and technical evaluation and the upcoming drill programme at Kasagiminnis is continuing the process.





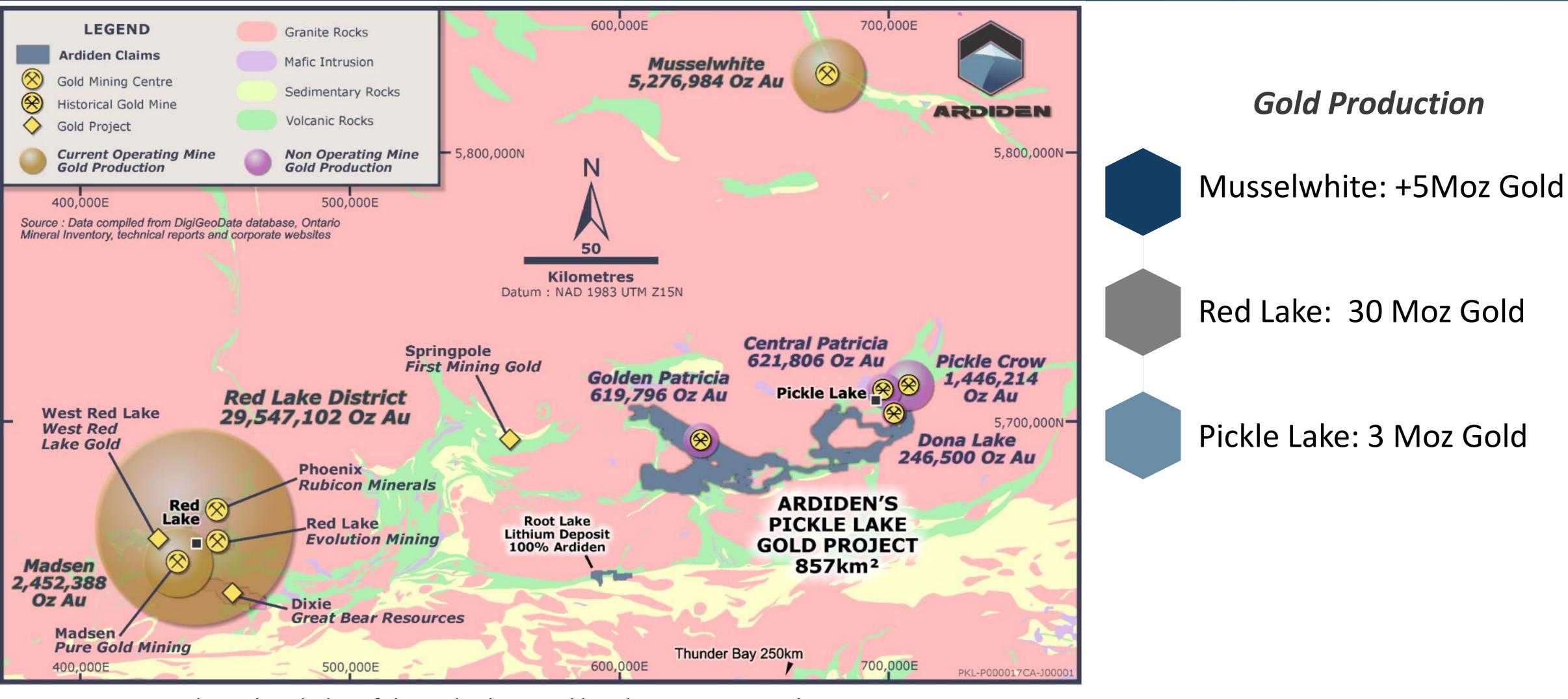






# **Ontario 'Uchi' Greenstone Belt**

## **Prolific Gold Production active in Red Lake-Pickle Lake District:**



Geological Underlay of the Red Lake to Pickle Lake Greenstone Belt



8

# Large High-Grade Gold Mines

Kasagiminnis 110,000oz Au JORC Inferred Resource 790,000t @ 4.3g/t Au un-tested below 280m

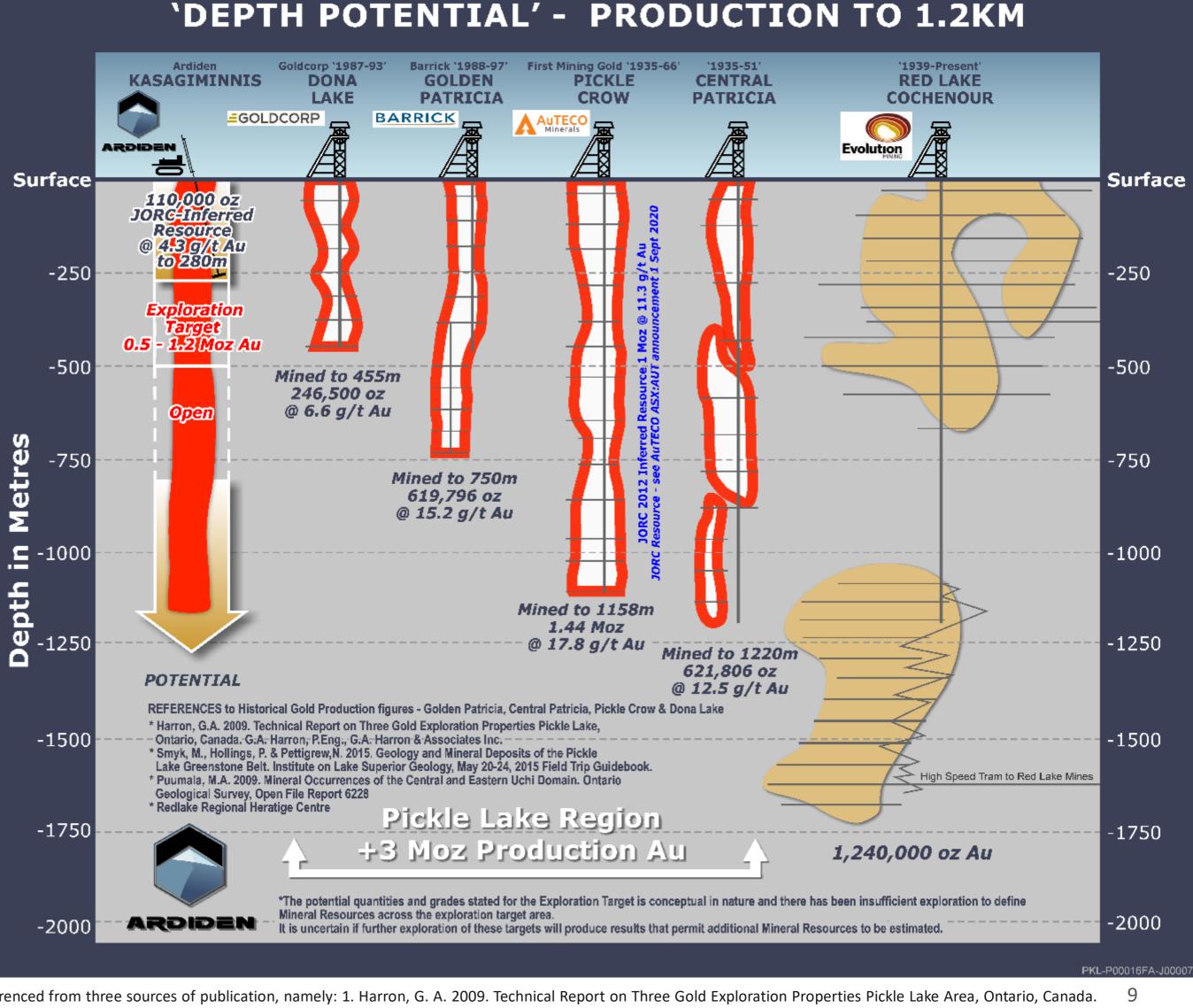
Exploration Target<sup>\*1</sup> 0.5-1.2Moz 4.0-5.8Mt @ 3.9-6.6 g/t Au to 500m below surface

Alongside high-grade historic underground gold mines which produced > 3Moz gold at 13g/t Au\*

Pickle Lake underground gold mines developed down to 1.2km below surface

\*1-The potential quantity and grades stated for the Exploration Target is conceptual in nature and there has been insufficient exploration to define Mineral Resources across the exploration target area. It is uncertain if further exploration of these targets will produce results that permit additional Mineral Resources to be estimated.

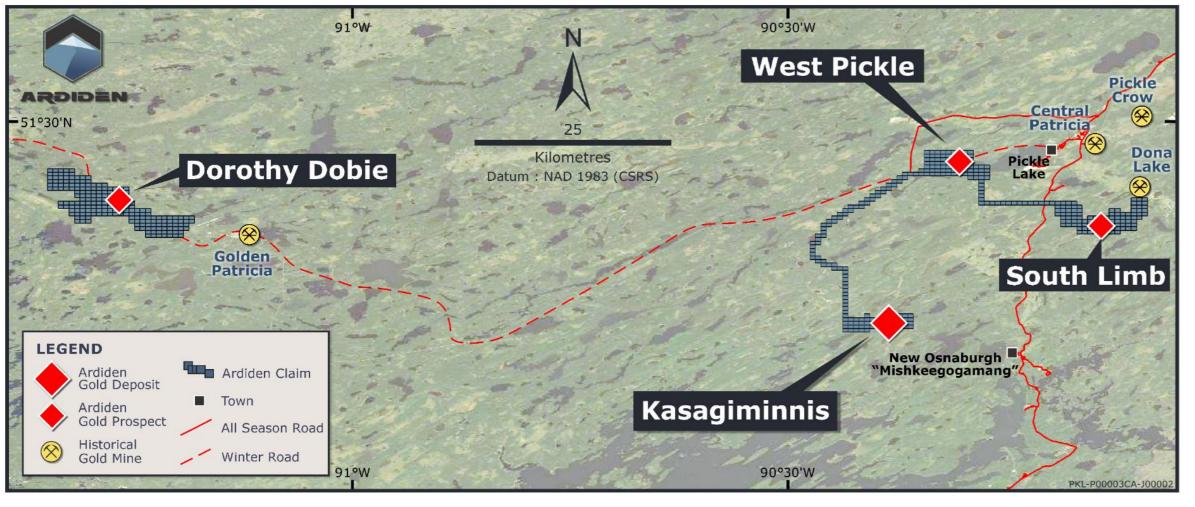
\*Information in relation to historical gold production at the Pickle Lake Gold Camp, and Golden Patricia Mine in Figures and notes above has been referenced from three sources of publication, namely: 1. Harron, G. A. 2009. Technical Report on Three Gold Exploration Properties Pickle Lake Area, Ontario, Canada. G.A. Harron, P.Eng., G.A. Harron & Associates Inc. 2. Smyk, M., Hollings, P. and Pettigrew, N., 2015. Geology and Mineral Deposits of The Pickle Lake Greenstone Belt. Institute on Lake Superior Geology, May 20-24, 2015 Field Trip Guidebook and 3. Puumala, M. A. 2009. Mineral Occurrences of the Central and Eastern Uchi Domain. Ontario Geological Survey, Open File Report 6228

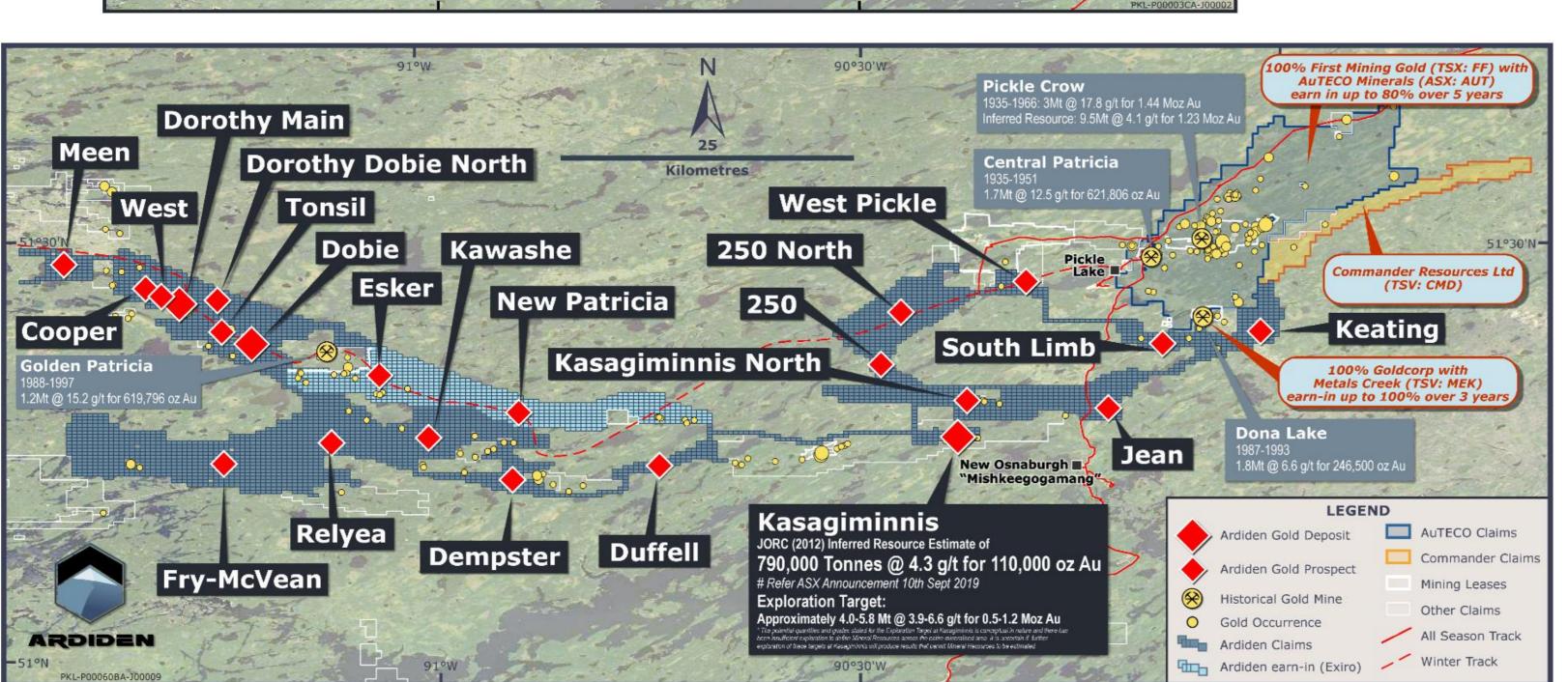


**`DEPTH POTENTIAL' - PRODUCTION TO 1.2KM** 



## Ardiden's Pickle Lake Gold Project: 857km<sup>2</sup> : 22 Identified Gold Prospects and Deposits





### 2019: Prior to 'Pivot' to Gold

### November 2020: 'Pipeline' of Connected Gold Projects







# **Pickle Lake Gold Project:**

## **Gold Pipeline – "Spoilt for Choice" - 21 recognised Gold Deposits & Prospects**

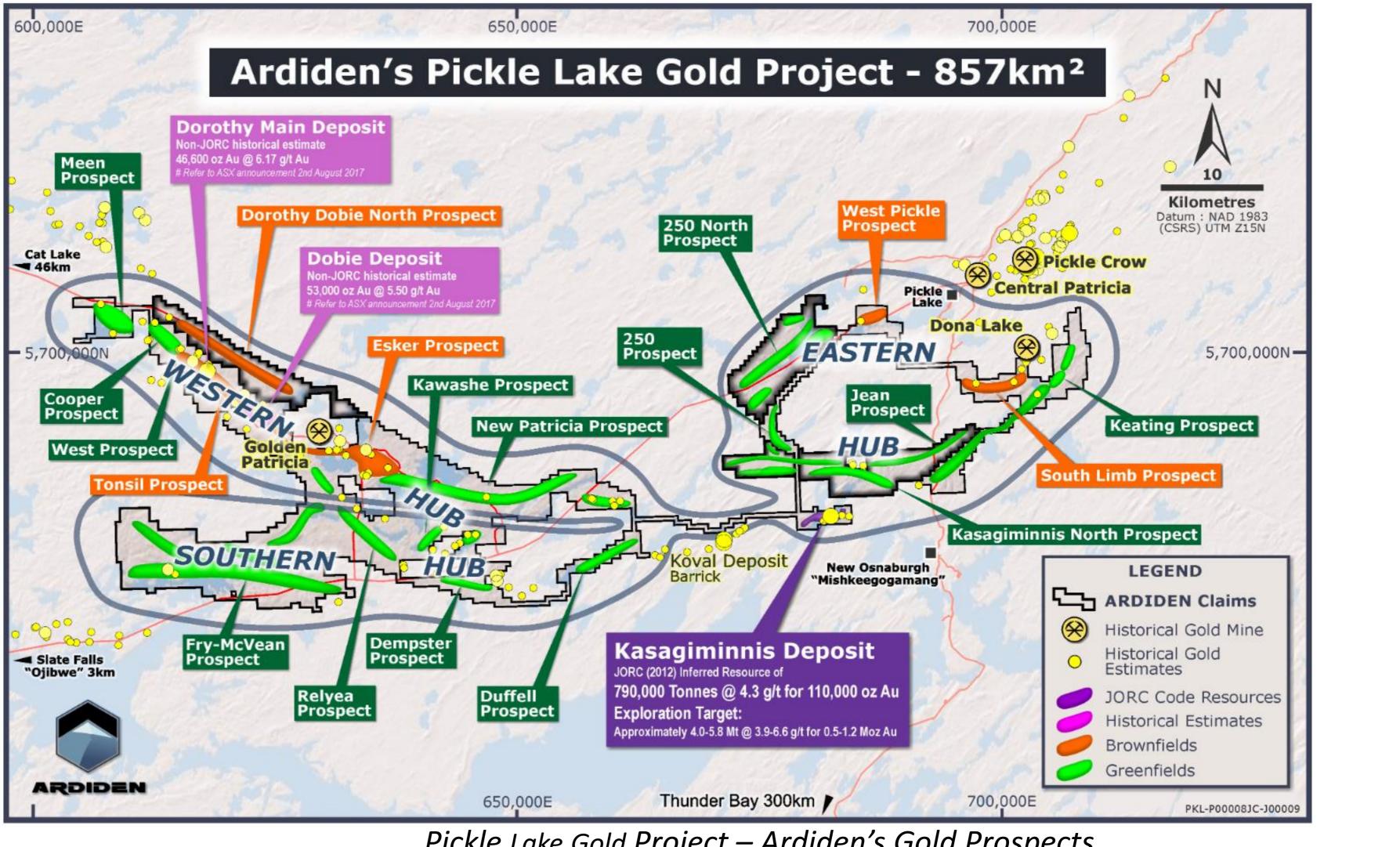


- 1. <u>Kasagiminnis</u>
- 2. Dobie
- 2. Dorothy

### **Four Brownfield Gold Prospects**

- 3. <u>New Patricia/Esker</u>
- 4. South Limb
- West Pickle
- Tonsil

### **Multiple Highly-Prospective Greenfield Gold Prospects**



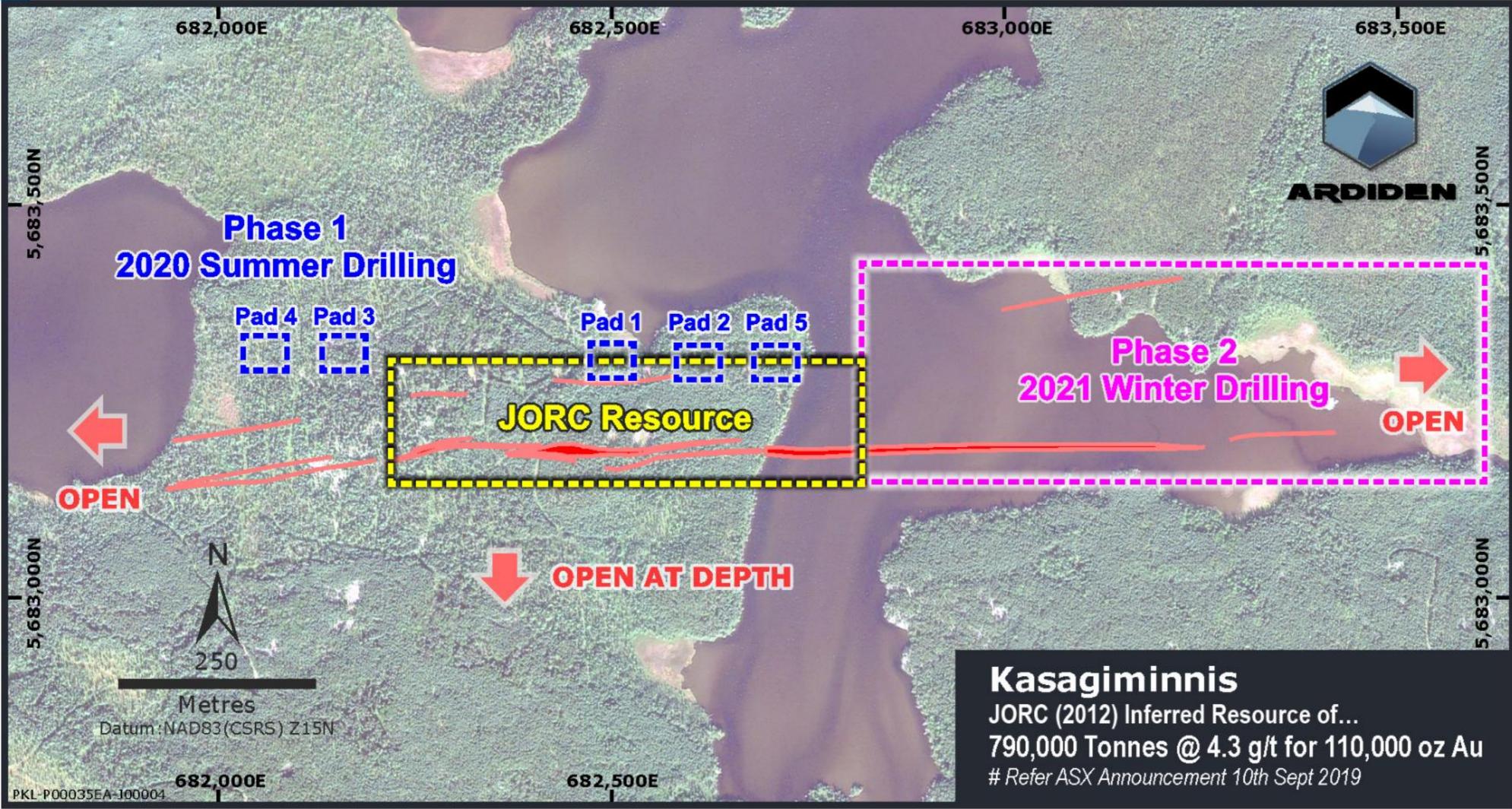
\*Non-JORC historical estimates (1987-1990) by original owners of the Dorothy and Dobie Deposits, were summarised in 2009 in an NI43-101 Technical Report on Gold Properties within the Pickle Lake area (Harron, 2009). The historical resource estimates are not reported in accordance with the JORC Code and a competent person has not done sufficient work to classify the historical estimates as mineral resources in accordance with the JORC Code. It is uncertain that following evaluation and further exploration work that the historical estimates will be able to be reported as mineral resources in accordance with the JORC Code..

Pickle Lake Gold Project – Ardiden's Gold Prospects





# 1. Kasagiminnis Gold Deposit - Drilling commenced 1 Sep 2020



Drilling at the 100%-owned Kasagiminnis Gold Deposit

Drilling planned to grow high-grade Kasagiminnis 110,000oz @ 4.3 g/t Au Maiden JORC Inferred Resource

- Exploration Target at **Kasagiminnis Deposit** 0.5 – 1.2Moz at 3.9-6.6 g/t Au to 500m below surface
- Kasagiminnis Deposit: 2020 Summer Drilling, programme Commenced 1 Sep 2020
- Larger Drill programme planned for Winter Jan-**March 2021**

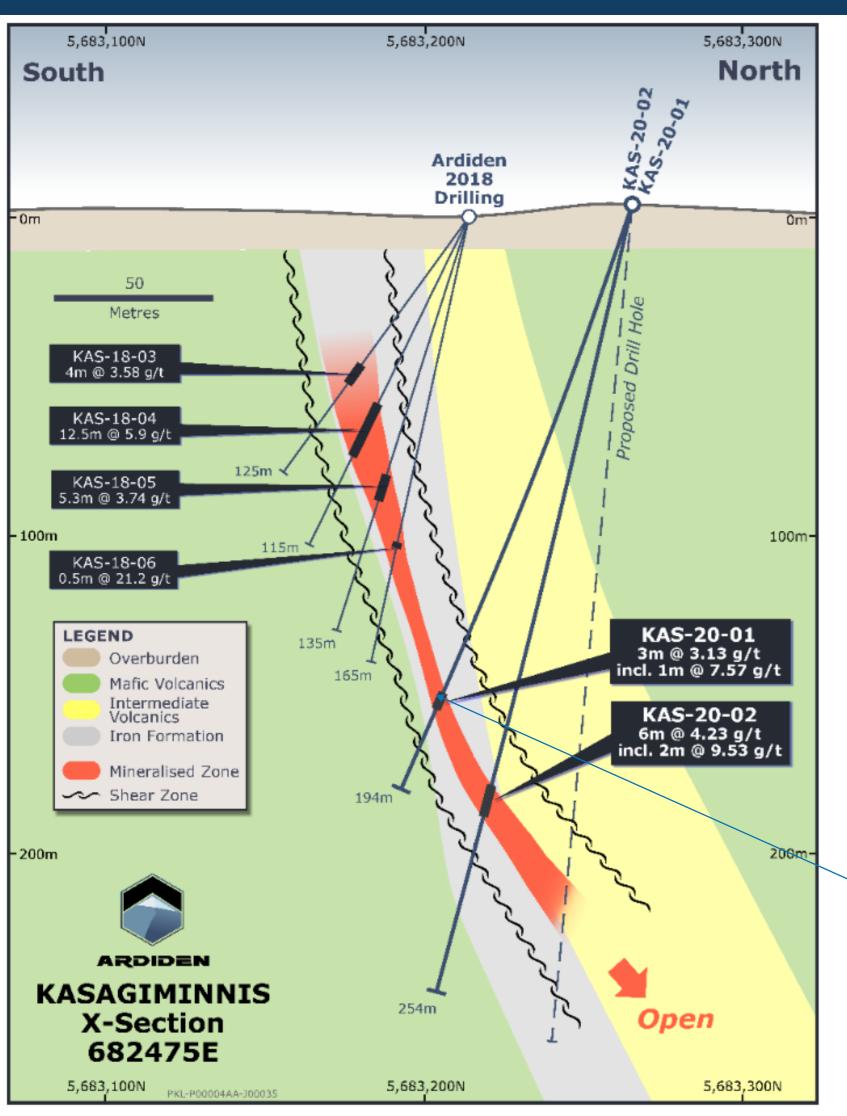








# 1. Kasagiminnis Deposit - 2020 "Summer" Drilling

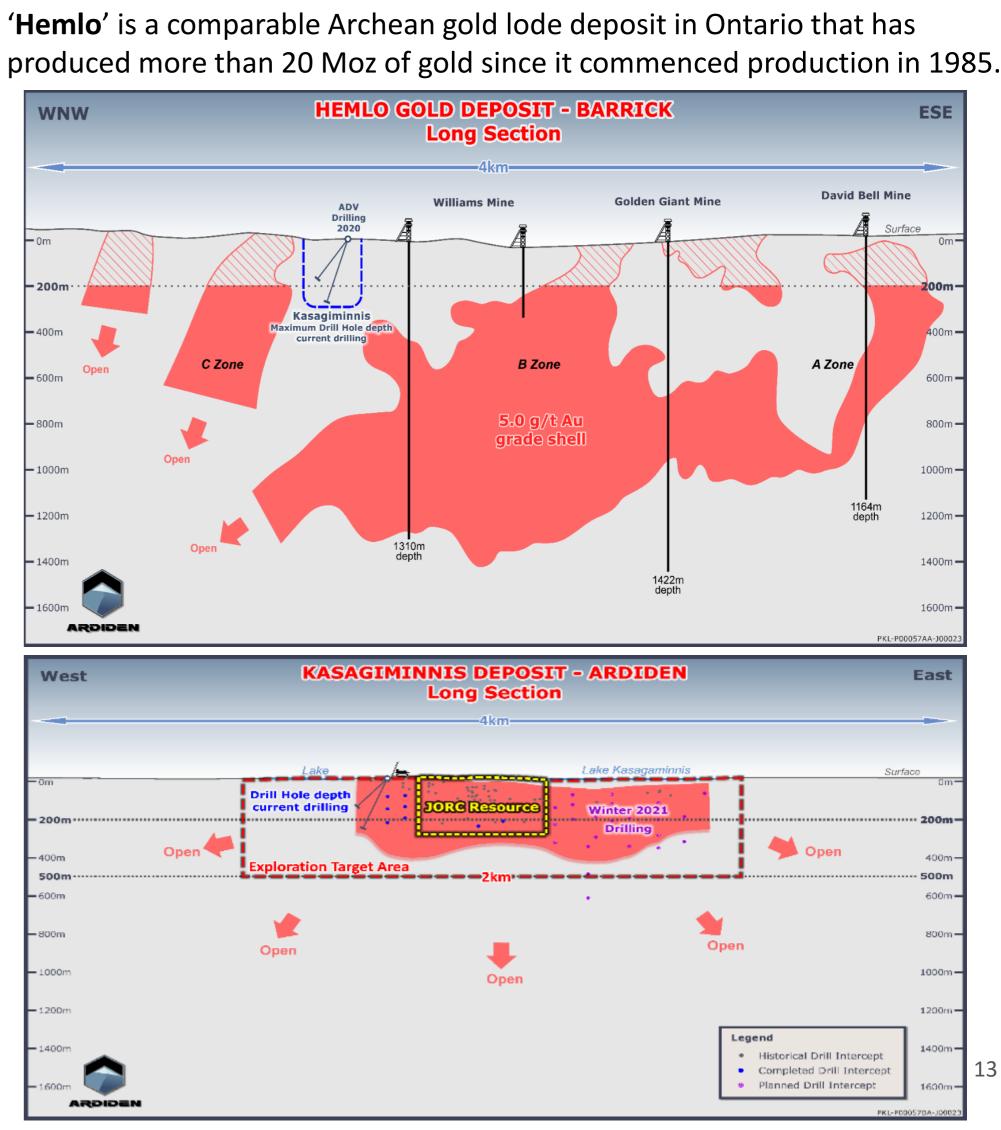


Cross Section 682475E Kas Deposit-Looking West

### **Drilling at Kasagiminnis:**

- Phase 1: 3000m Summer 2020:
- 12 Holes completed so far for 2,856m
- Zones of silicification, alteration and sulphides intersected in all holes
- Results for first 4 holes received
  - 6.0m @ 4.23g/t Au KAS20-02
  - 6.5m @ 4.28g/t Au KAS20-03







## 1. Kasagiminnis Deposit **Exploration Activities (October-November 2020)**



Drill site, Kasagiminnis Gold Deposit







#### Geochemical Sampling , Kasagiminnis









# 2. Dorothy-Dobie

### High-Grade Gold Drill Intercepts Across Entire Landholding

## **High-Grade Gold** over 25km Strike

**Dorothy Deposit** Non-JORC historical estimate 46,600 oz Au @ 6.17 g/t Au # Refer to ASX announcement 2nd August 2017

**Golden Patricia** 

ARDIDEN

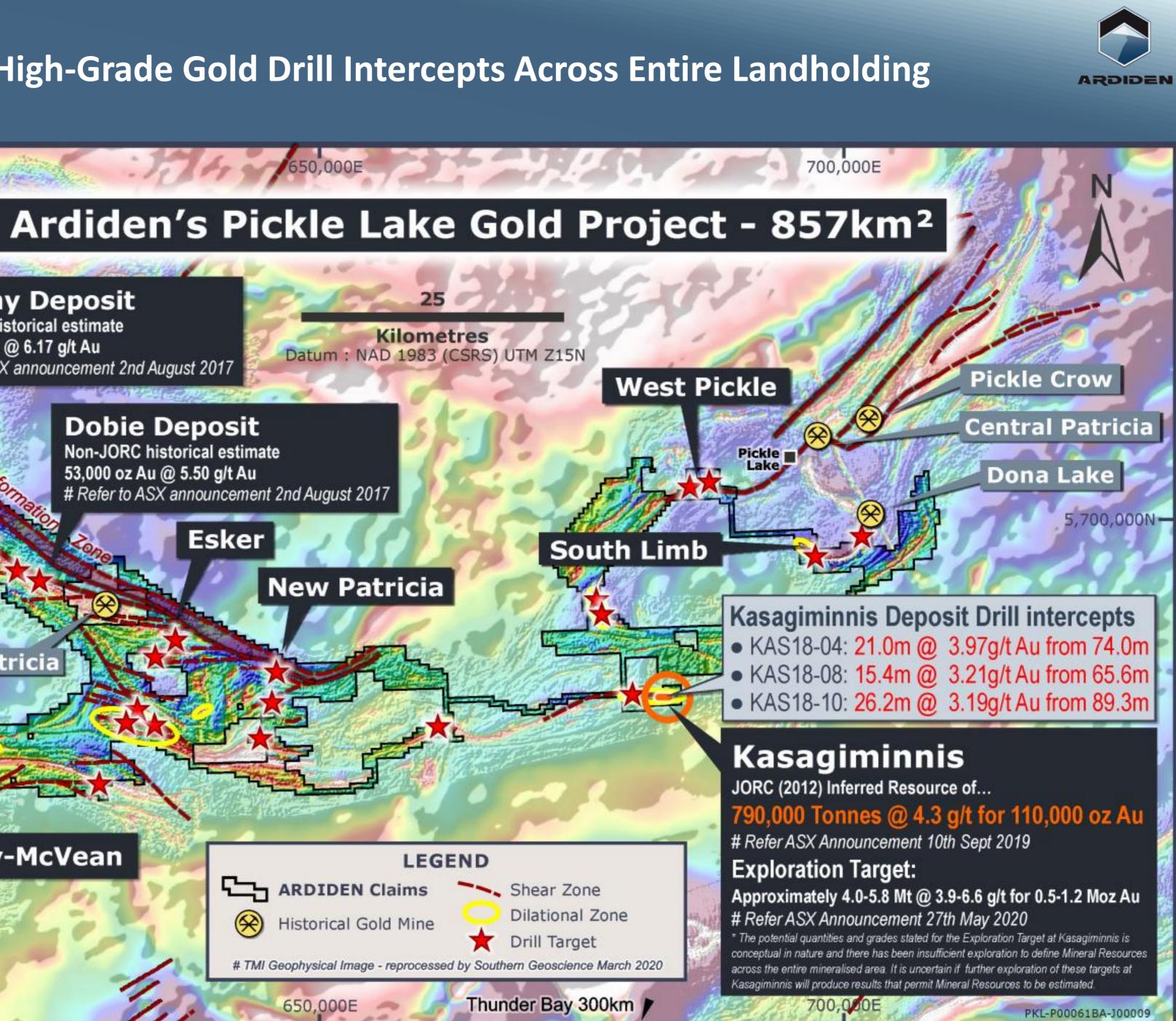
**Frv-McVean** 

Non-JORC historical estimate 53,000 oz Au @ 5.50 g/t Au

Dorothy, Dobie, Esker Prospect Drill intercepts

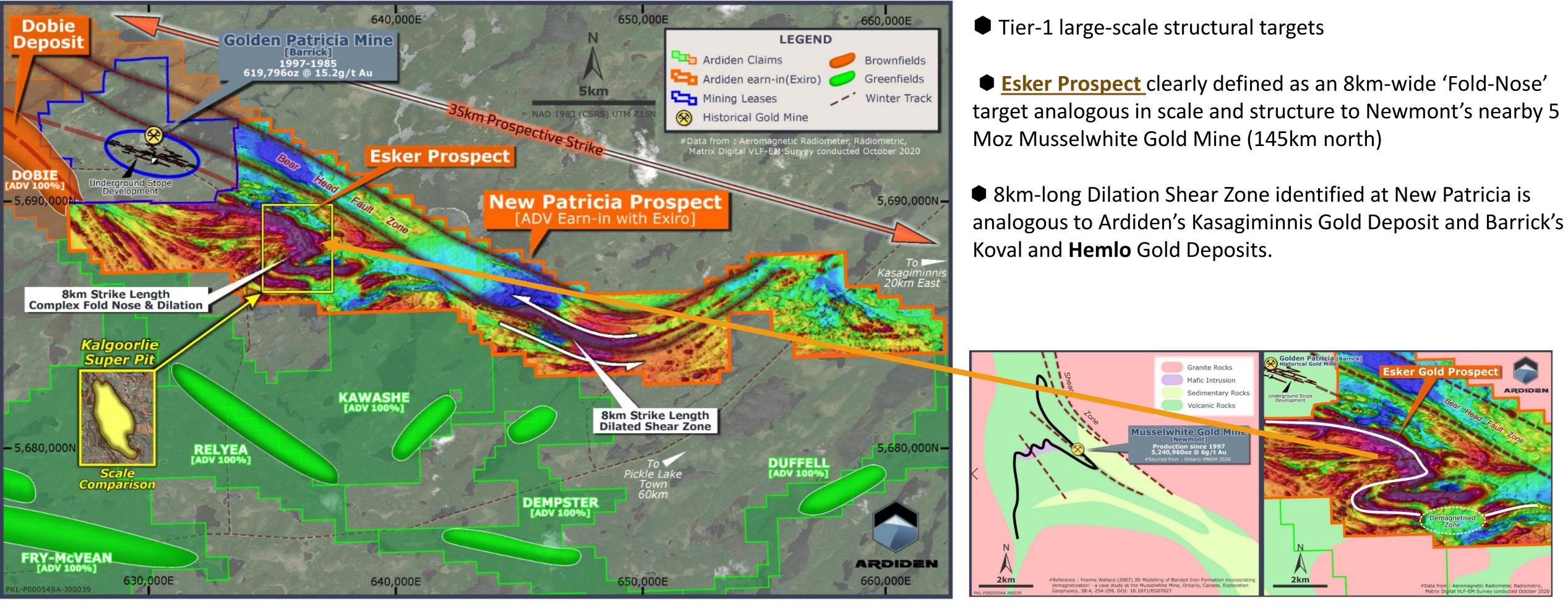
- DOR88-025: 20.65m @ 3.6 g/t Au from 96.85m
- DOR88-028: 8.63m @ 5.5 g/t Au from 55.82m
- DOR90-043: 0.50m @ 472.8 g/t Au from 184.10m

\*Non-JORC historical resource estimates (1987-1990) by original owners of the Dorothy and Dobie Deposits, were summarised in 2009 in an NI43-101 Technical Report on Gold Properties within the Pickle Lake area (Harron, *2009). The historical resource estimates are* not reported in accordance with the JORC Code and a competent person has not done sufficient work to classify the historical estimates as mineral resources in accordance with the JORC Code. It is uncertain that following evaluation and further exploration work that the historical estimates will be able to be reported as mineral resources in accordance with the JORC Code..



# **3. New Patricia Gold Prospect (earn-in with Exiro)**

**Detailed Airborne Geophysics : Drill Targeting** 





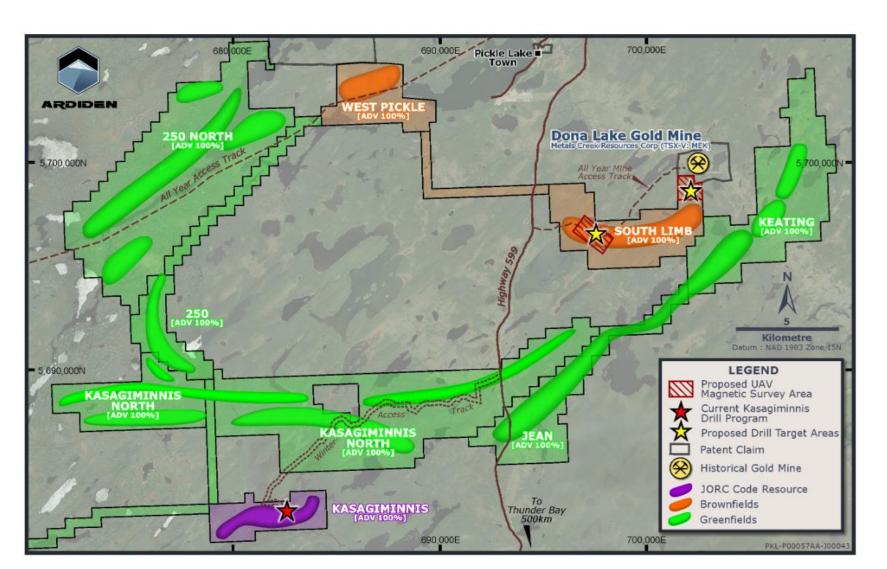
TerraQuest Helicopter at Ardiden's New Patricia Gold Prospect, Pickle Lake

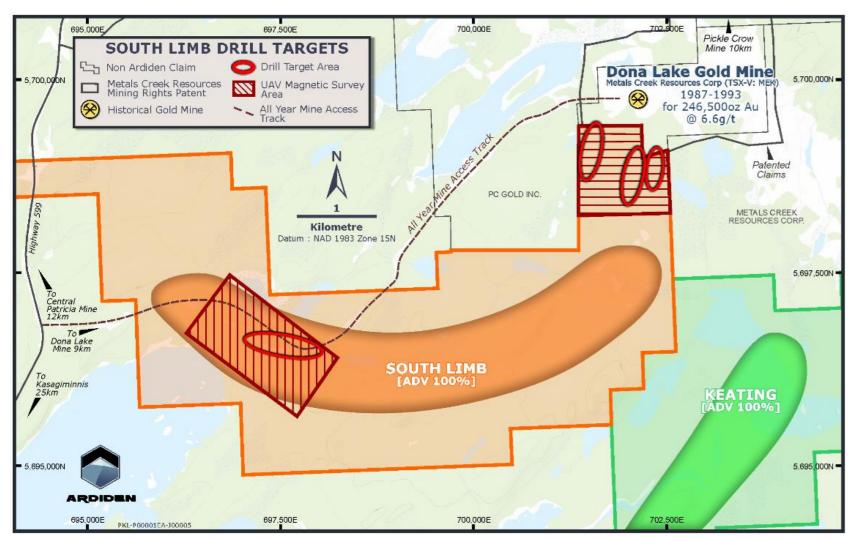




# 4. South Limb Gold Prospect - Fully Permitted

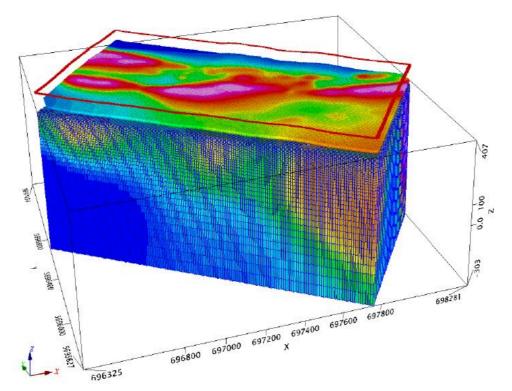
Covers the southern extension of the Dona Lake gold-bearing lithological units.



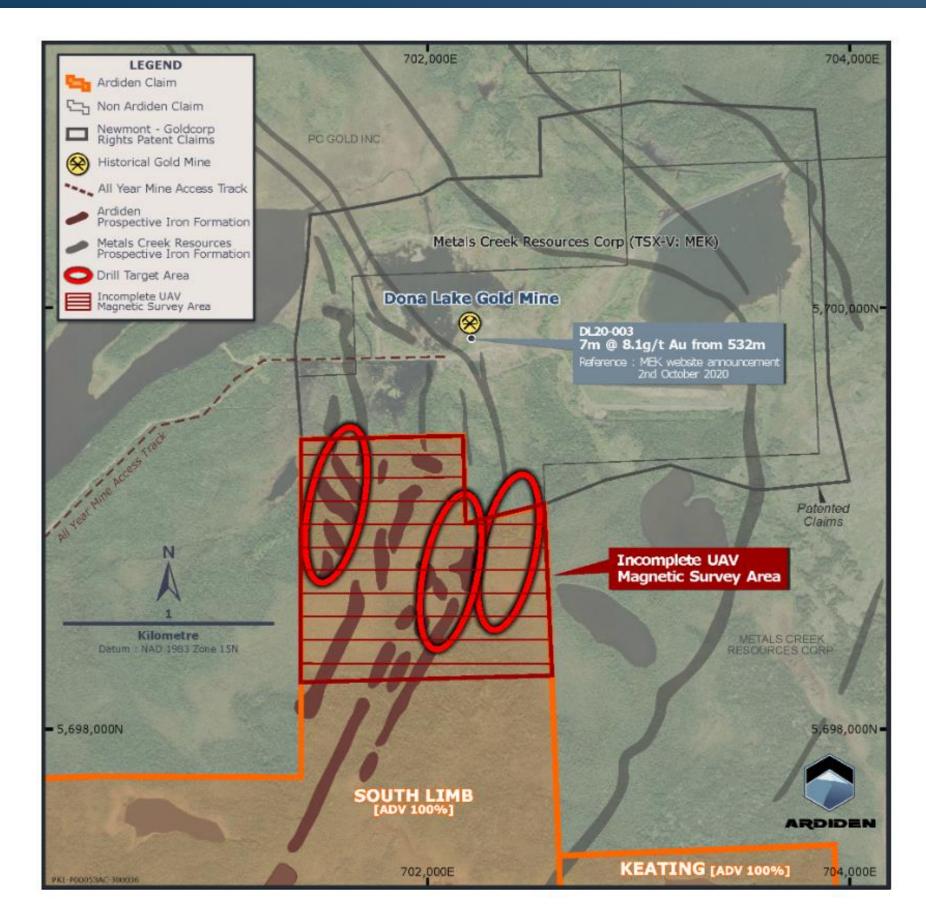


- ۲ the drilling rank
- UAV Magnetics recently flown ۲





South Limb Prospect next cab of



- Strong concentration of Iron Formation in largely untested area
- Close proximity to a known gold deposit (Dona Lake Gold Mine)
- High priority target to commence drill testing

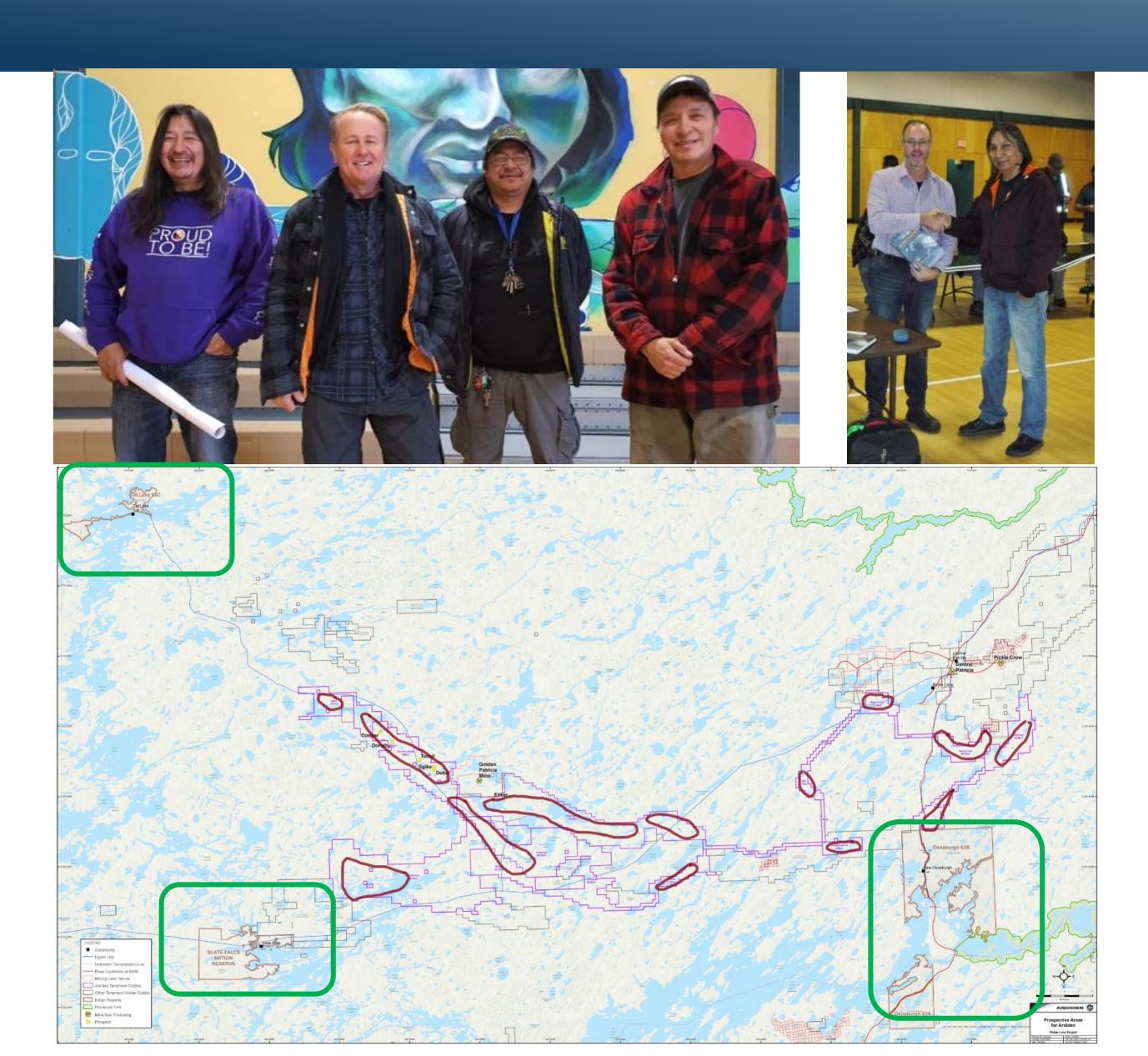




# First Nation Group Engagement

- Ardiden is working closely with First Nations Groups and stakeholders across all its projects
  - Ensuring nearby First Nation Communities' cultures and traditional activities are respected
  - Negotiation and Agreement with First Nations Groups before exploration activities
- Signed MOU with Mishkeegogamang First Nations to proceed with exploration work at Kasagiminnis Deposit (ASX -21 April 2020) and South Limb Gold Prospect (ASX 6 Oct 2020)

Discussions with Slate Falls and Cat Lake First Nations groups underway





# Established Infrastructure

8km from Pickle Lake Town - population circa 500



### Pickle Lake Sealed Airstrip

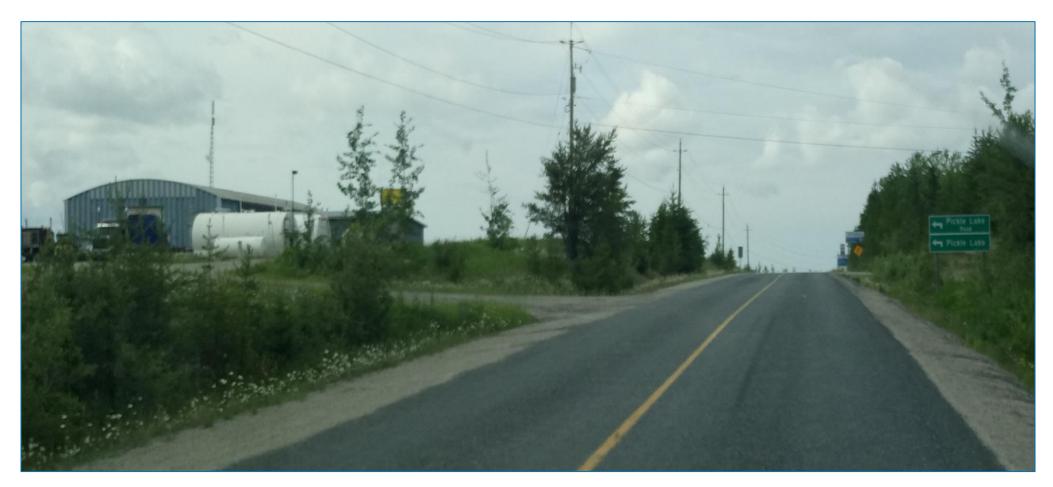


Pickle Lake Headframe (Central Patricia)

# ● 350km north of regional mining center of Thunder Bay - population circa 100,000 Flights from Thunder Bay to Pickle Lake or safe drive via sealed National highway



### Thunder Bay Port Terminal



Bitumen Highway to Pickle Lake Township





# Newsflow – Drilling, Results, Geophysics, JORC Resource Upgrade



# **SEPT QTR**

- Drilling at Kas
- Detail Airborne & Ground **Geophysics Surveys**
- Expanded Drill Targeting







FN Agreements New Patricia Geophysics Results Next Drill results at Kas South Limb Prospect Drilling



# **MARCH QTR**

Kasagiminnis Winter Drilling

Drilling Other Brownfields Gold Prospects (South Limb, New Patricia) Updated Kas JORC MinRes Estimate

# **DEC QTR**

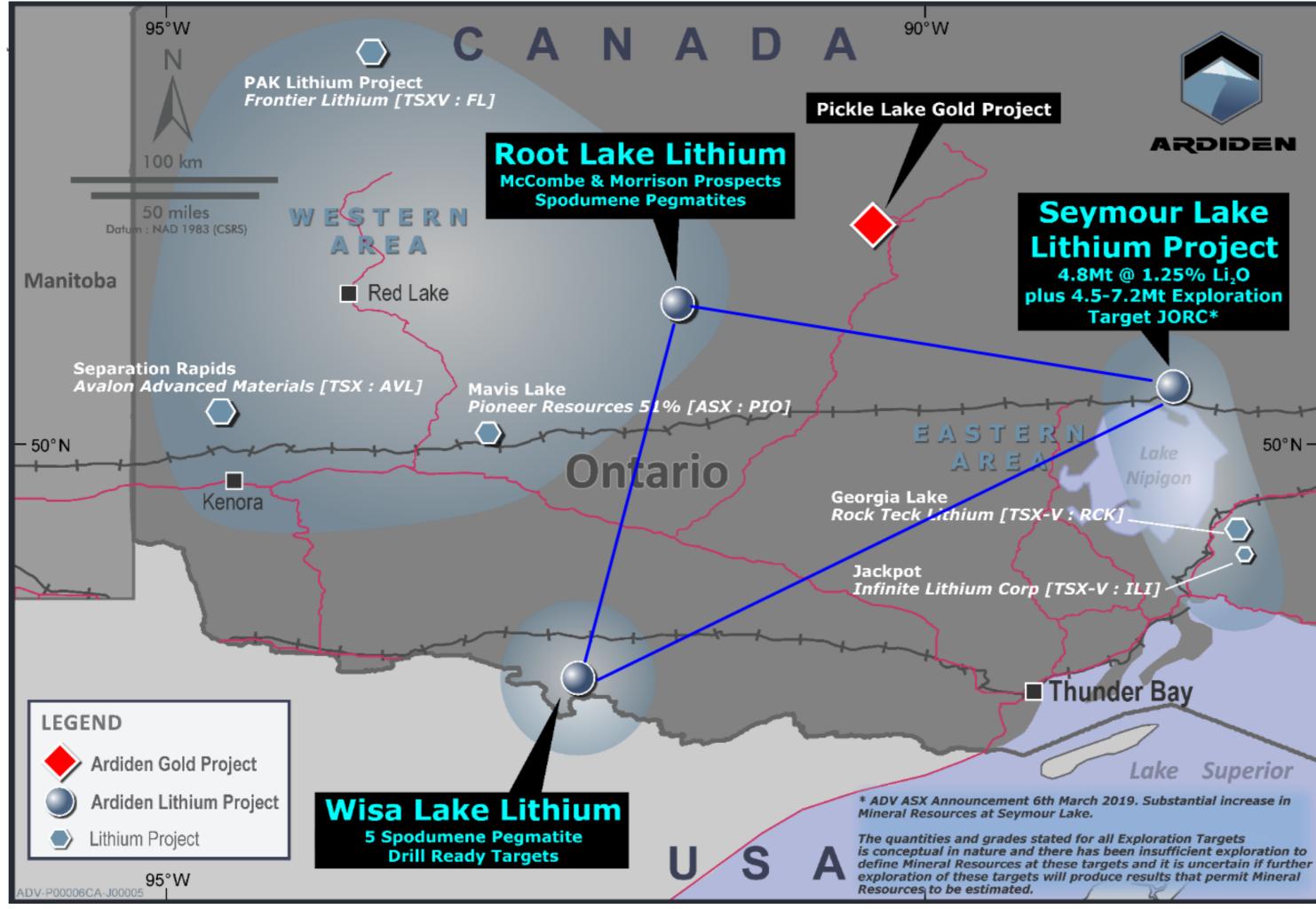






# **Ardiden's Spodumene** Lithium Projects in northwest Ontario

- All Tenements 'in credit'



### Ardiden has 3 Lithium Projects in northwest Ontario: Seymour, Wisa and Root Lake

### Walk-up Spodumene drill targets at Root Lake and Wisa Lake



### Seymour Lake

- 4.8Mt JORC Resource & Exploration Target
- Alongside Trans-Canadian Railway



#### Root Lake

- Historical Resources & Multiple outcropping Pegmatites
- Close to Ardiden's *Pickle Lake Gold Project*

### Wisa Lake

- Drill-ready Pegmatite Targets
- Close to Railway and US Border

### Thunder Bay Industrial Hub

- Available Industrial Sites & Infrastructure
- **Global Shipping Terminal**







## **Competent Person Statements**

#### **Competent Person's Statement**

The information in this report that relates to **Exploration Results and Exploration Targets at the Pickle Lake Prospects** is based on, and fairly represents, information and supporting documentation prepared by Mr Robin Longley, a Member of the Australian Institute of Geoscientists. that it a named competent person or persons; Mr Longley is a full-time employee of Ardiden Limited. Mr Longley has sufficient experience which is relevant to the style of mineralisation and type of deposit and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Longley consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

Clarification Statement Exploration Target - The potential quantity and grade is conceptual in nature, that there has been insufficient exploration to estimate a Mineral Resource and that it is uncertain if further exploration will result in the estimation of a Mineral Resource.

The information in this report that relates to **JORC Mineral Resources** at the Kasagiminnis Deposit is based on, and fairly represents, information and supporting documentation prepared by Mr Robin Longley, a Member of the Australian Institute of Geoscientists, and Mrs Christine Standing, a Member of the Australian Institute of Geoscientists and a Member of the Australasian Institute of Mining and Metallurgy. Mr Longley is a full-time employee of Ardiden Limited. Mrs Standing is employed by Optiro Pty Ltd and is a consultant to Ardiden. Mr Longley and Mrs Standing have sufficient experience which is relevant to the style of mineralisation and type of deposit and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Longley and Mrs Standing consent to the inclusion in this report of the matters based on this information in the form and context in which it appears.

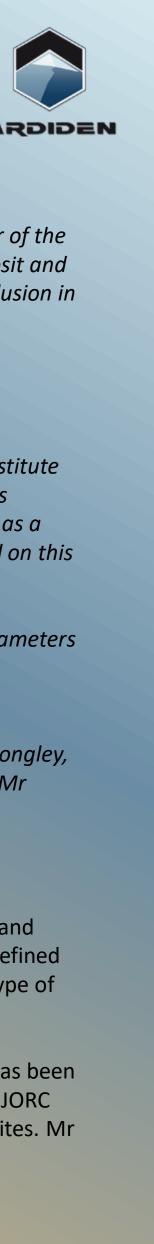
The Company confirms that it is not aware of any other new information or data that materially affects the information included in the original market announcements referred to above, and that all material assumptions and technical parameters have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

The information in this report that relates to **Historical Estimates** of mineralisation **at the Dorothy and Dobie Gold Deposits** is based on is based on, and fairly represents, information and supporting documentation prepared by Mr Robin Longley, a Member of the Australian Institute of Geoscientists. The information in this announcement provided under ASX Listing Rules 5.12.2 to 5.12.7 is an accurate representation of the available data and studies for the Pickle Lake Gold Project. Mr Longley is a full-time employee of Ardiden Limited. Mr Longley consents to the inclusion in this report of the matters based on this information in the form and context in which it appears. Reference: Harron, 2009 NI43-101 Technical Report on "Three Gold Exploration Properties Pickle Lake Area, Ontario, Canada, for Manicouagan Minerals Inc", G.A. Harron, P.Eng., G.A. Harron & Associates Inc, October 13, 2009.: www.murchisonminerals.com/site/assets/files/5443/pickel-lake-project\_tehcnical\_report.pdf

Lake Seymour Lithium Project: The information in this announcement that relates to the Mineral Resource Estimate and the Exploration Target adjacent to the North Aubry Mineral Resource is based on, and fairly represents, information and supporting geological information and documentation that has been prepared by Mr Philip Alan Jones, an independent consulting geologist who is a Member of the AusIMM and a Member of the AIG. Mr Jones is a Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Mr Jones has more than five years of experience that is relevant to the style of mineralisation and type of deposit described in the announcement and in particular the completion of Mineral Resource Estimates. Mr Jones consents to the inclusion of the information in this report in the form and context in which it appears.

The information in this announcement that relates to the Lithium Exploration Targets present at the "A","I" and Pye prospects is based on, and fairly represents, information and supporting geological information and documentation that has been prepared by Mr Peter Spitalny who is a geologist, a Member of the AusIMM and a Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Mr Spitalny has more than five years of experience that is relevant to the style of mineralisation and type of deposit described in the announcement and in the activity undertaken namely the assessment and exploration of pegmatites. Mr Spitalny consents to the inclusion of the information in this report in the form and context in which it appears.

#### ASX announcements pertaining to Exploration Results and Mineral Resources are available from the Company's website: www.ardiden.com.au



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# Building a Compelling Gold Project in Ontario, Canada



Rob Longley Ardiden Limited MD & CEO

+61 8 9322 7600 info@ardiden.com.au www.ardiden.com.au

