

# MISTANGO RIVER

RESOURCES

MIS : CSE

*We are in the mineral exploration and development business. It is inherently risky, and all potential investors should be keenly aware of this.*

*This presentation contains forward-looking statements. All statements, other than of historical fact, that address activities, events or developments that Mistango River Resources Inc. believes, expects or anticipates will or may occur in the future (including, without limitation, statements regarding the estimation of mineral resources, exploration results, potential mineralization, potential mineral resources and mineral reserves) are forward-looking statements. Forward-looking statements are generally identifiable by use of the words “may”, “will”, “should”, “continue”, “expect”, “anticipate”, “estimate”, “believe”, “intend”, “plan” or “project” or the negative of these words or other variations on these words or comparable terminology. Forward-looking statements are subject to a number of risks and uncertainties, many of which are beyond Mistango River Resources Inc.’s ability to control or predict, that may cause the actual results of the project to differ materially from those discussed in the forward-looking statements. Factors that could cause actual results or events to differ materially from current expectations include, among other things, without limitation, failure to establish estimated mineral resources, the possibility that future exploration results will not be consistent with Mistango River Resources Inc.’s expectations, changes in world gold markets and other risks disclosed to the Canadian provincial securities regulatory authorities. Any forward-looking statement speaks only as of the date on which it is made and, except as may be required by applicable securities laws, Mistango River Resources Inc. disclaims any intent or obligation to update any forward-looking statement. All currency numbers are in \$CAD unless otherwise stated.*

#### *Important Note Regarding Historical Mineral Resources and Mineral Reserves*

*Mistango cautions that a Qualified Person has not done sufficient work to classify the historical mineral resource estimates as current mineral resources or mineral reserves; Mistango is not treating the previous estimates as relevant or as current mineral resources or mineral reserves and the previous estimates should not be relied upon. Mistango considers these results as indications of the presence of mineralization on the property and will use the information to guide future exploration but the reader is cautioned not to rely on these estimates.*

- **+\$4.5 million in cash**
- **Major Shareholders:**
  - Orefinders Resources
  - Eric Spratt
- **Exploration Program now underway**
- **Drilling on Eby-Baldwin Project planned for Summer 2020**

## 1. Eby-Baldwin – High Priority Drill Program

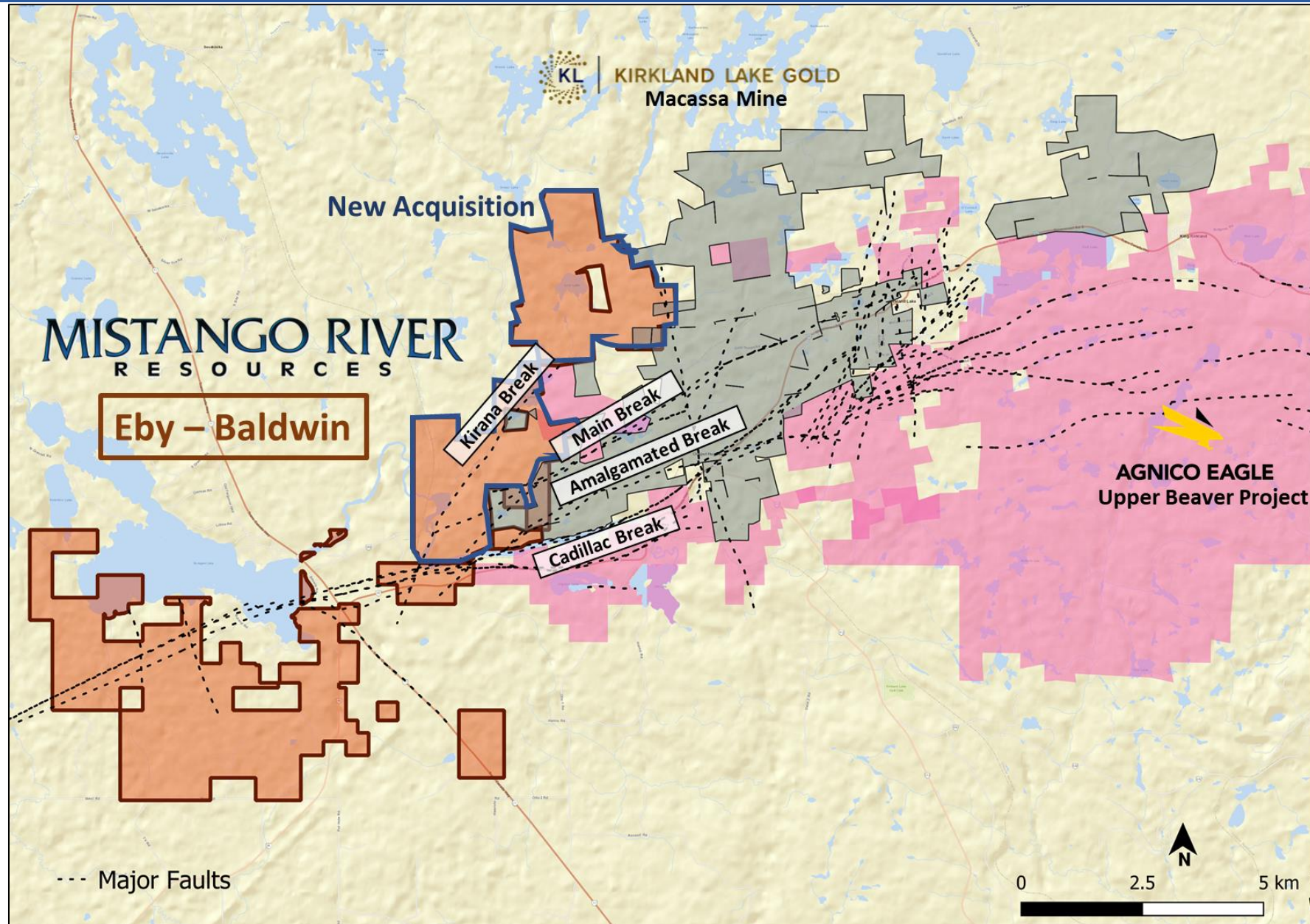
- Contiguous to Kirkland Lake's Macassa Mine and Agnico Eagle's Upper Beaver
- Confluence of a series of world class faults:
  - Cadillac, Main, Amalgamated & Kirana all meet on our Eby-Baldwin property
  - Macassa like grades found at surface
  - Virtually no modern exploration

## 2. Omega Project – Cadillac Break

- Omega Main Zone: N43-101 Resource & Former Producing Gold Mine
- Laguerre Zone Extension
- Southwest Zone
- Lamprophyres

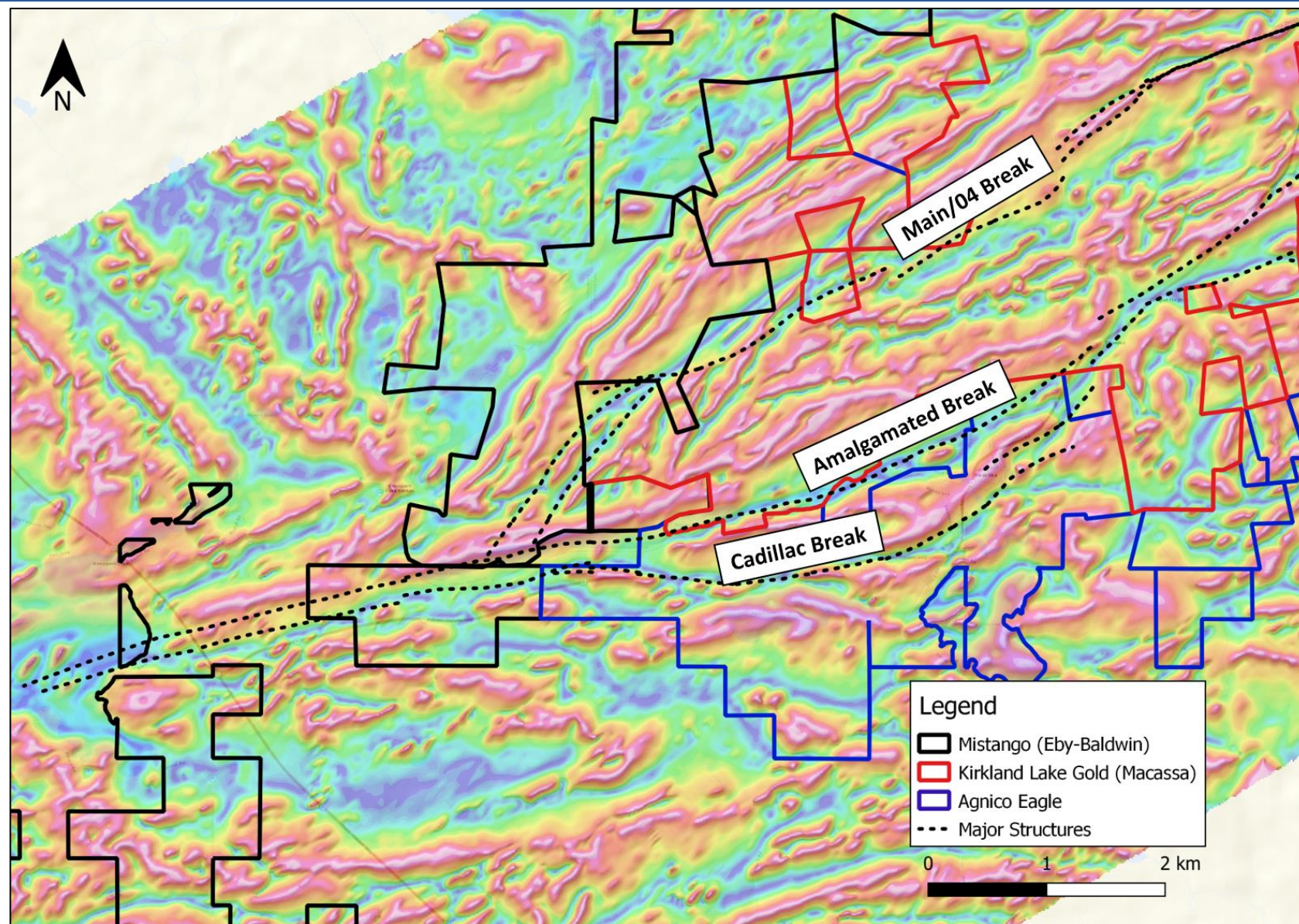
## 3. Sackville – VMS Project near Thunder Bay

# New Acquisition – Teck-Kirkland Property

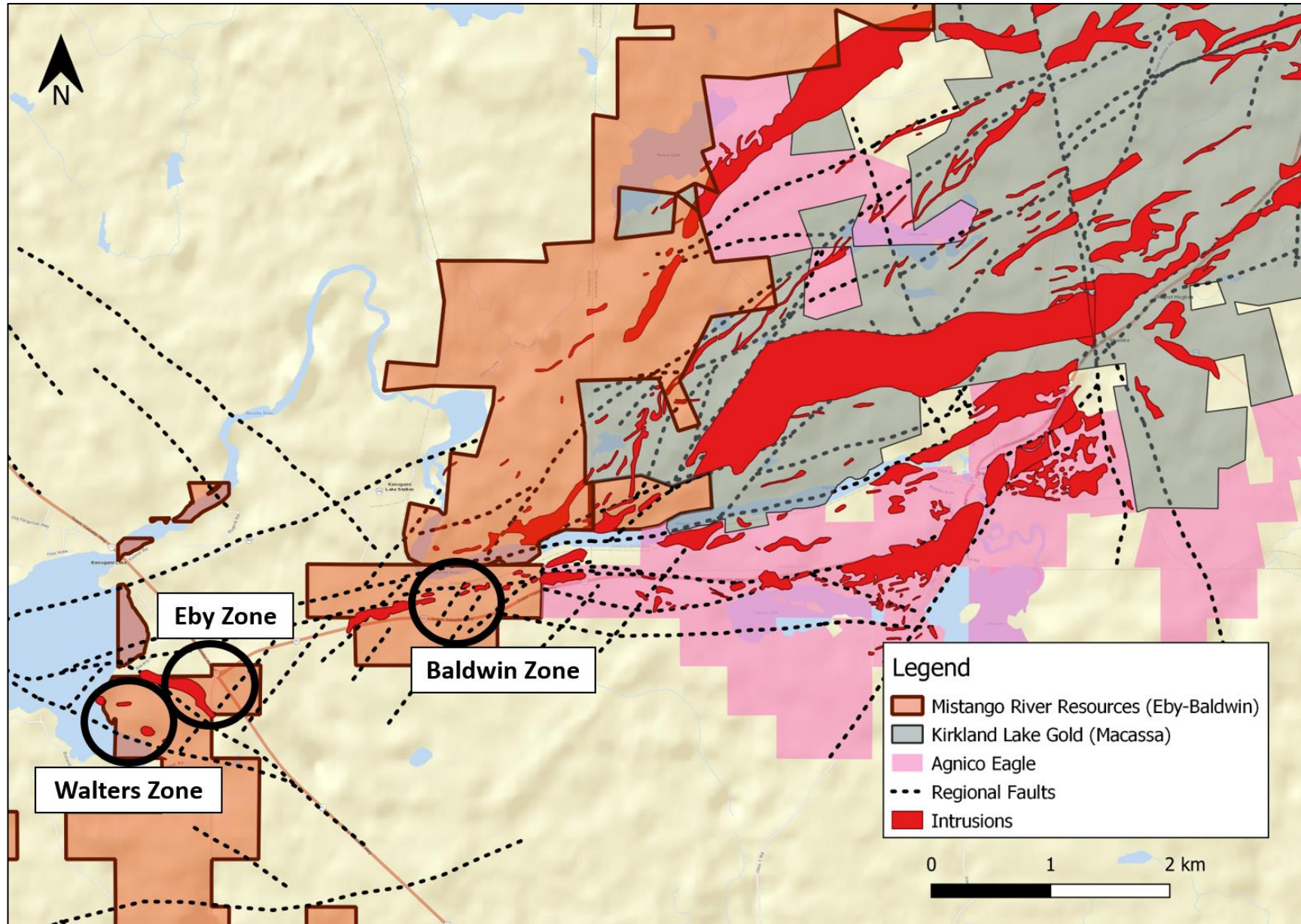


# Eby-Baldwin & Macassa's Related Faults

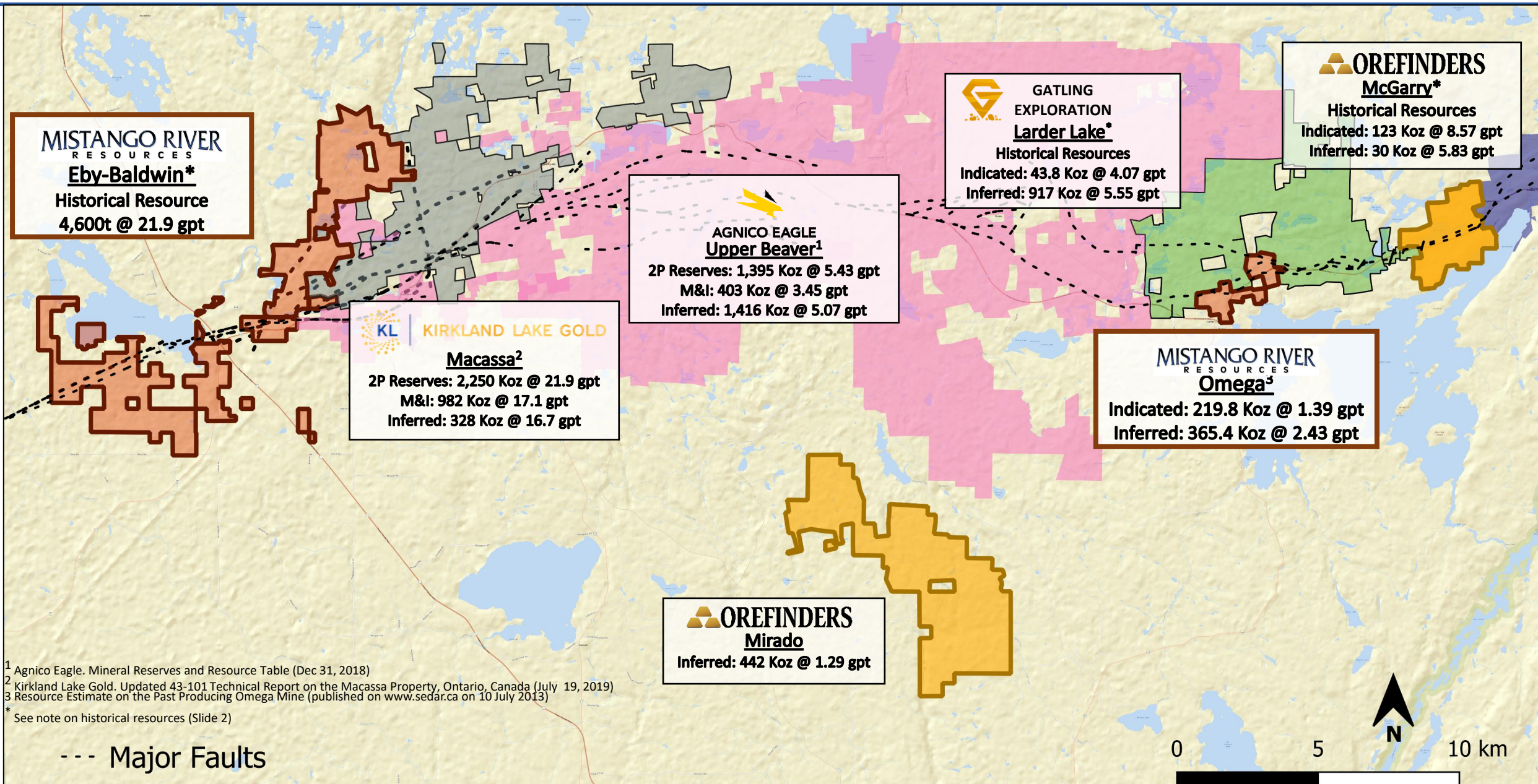
- Magnetic Image Depicting Mistango's Eby-Baldwin and Macassa's Related Fault System



# Intrusive Zones on Mistango, KL & Agnico



# Key Land Positions in Kirkland Lake



<sup>1</sup> Agnico Eagle. Mineral Reserves and Resource Table (Dec 31, 2018)

<sup>2</sup> Kirkland Lake Gold. Updated 43-101 Technical Report on the Macassa Property, Ontario, Canada (July 19, 2019)

<sup>3</sup> Resource Estimate on the Past Producing Omega Mine (published on www.sedar.ca on 10 July 2013)

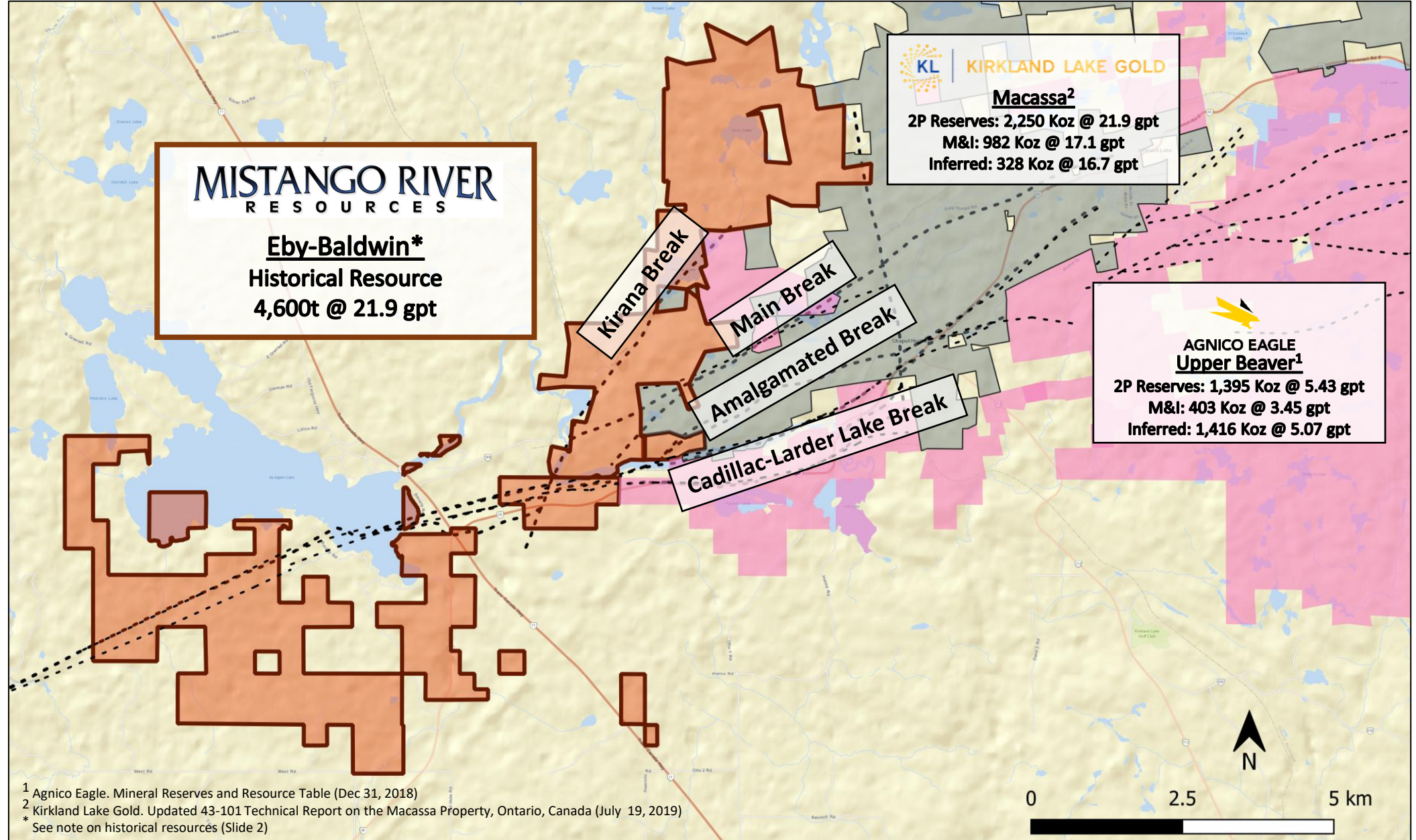
\* See note on historical resources (Slide 2)

--- Major Faults

0 5 10 km



# Eby-Baldwin Property Location



# Eby-Baldwin Project Details

- **Property hosts the convergence of major gold hosting structures including Main Break, Amalgamated Break, the Kirana Break and the Cadillac-Larder Lake Break**
- **4,300 hectares – Adjacent to Kirkland Lake Gold’s Macassa and Agnico Eagle’s Upper Beaver**
  - Baldwin Mine produced 43 ounces of gold from 74 tonnes milled (18.0 gpt gold) from quartz veins
  - Historical Resource of 4,600 tonnes at 21.9 gpt gold
  - Located 5km southwest of Kirkland Lake Gold’s Macassa Mine and shows similar geology and mineralization
- **No Modern Exploration - Three zones with significant geological upside: the Baldwin Mine, Eby Zone and Walters Zone**

# Eby-Baldwin Exploration Potential

## Baldwin Mine:

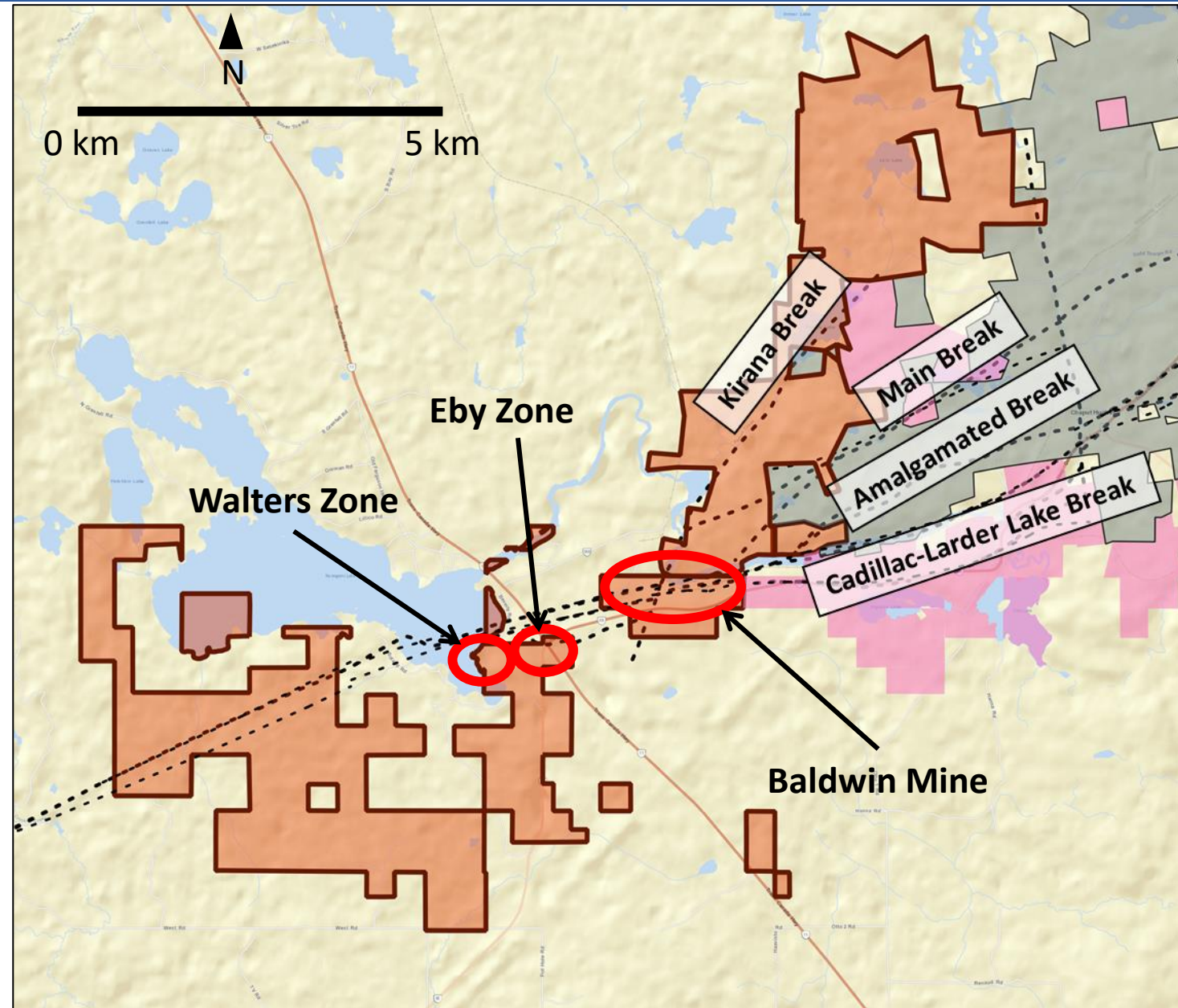
- The Main Break, the Amalgamated Break, the Kirana Break and the Cadillac Larder Lake Break converge on this zone.
- Shaft to 127m depth with 4 levels and 1,177m of lateral development in 1929.
- High-grade gold quartz veins
- High Priority Drill Targets to follow up drilling to test the convergence of the major structures.

## Eby Zone:

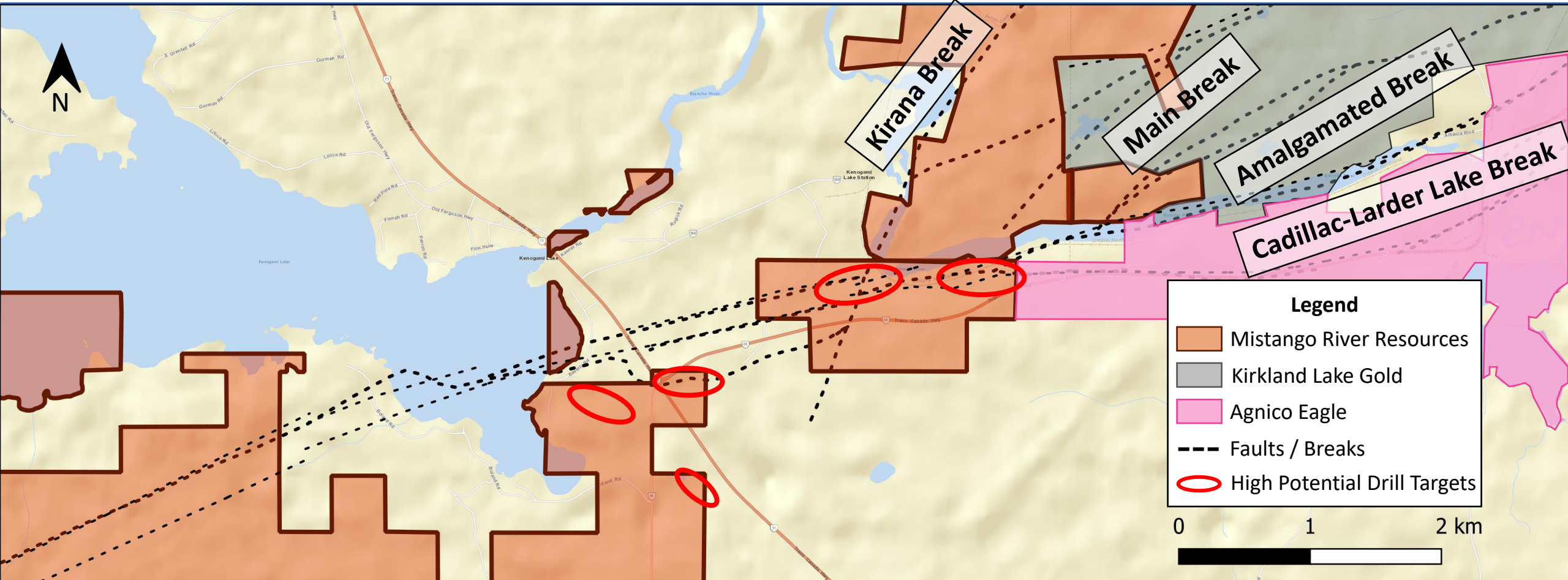
- Historical drilling showed high gold quartz veins in NW trending porphyry and volcanics surrounded by low grade but anomalous gold in wall rocks, up to 26.1m grading 0.34 gpt gold.
- Structures go through the Eby Zone which need to be drill tested.

## Walters Zone:

- 5.8 gpt gold over 0.76m wide quartz vein.
- Structures go through the Walters Zone which need to be drill tested.

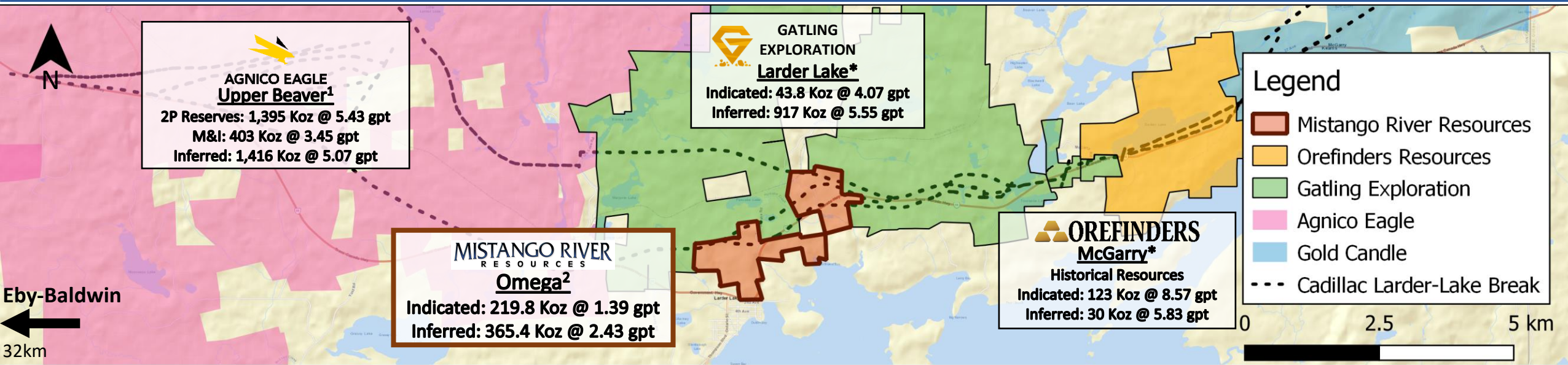


# Eby-Baldwin: Where the “Breaks” Come Together



- The Main Break is considered the most important gold hosting structure at Macassa and the Amalgamated Break is a key structural control for Macassa’s South Mine Complex
- All Structures as well as the prolific Cadillac-Larder Lake Break and Kirana Break converge at Eby-Baldwin
- Mistango will conduct significant drilling on these structures to further understand structural controls on known mineralization on the property

# Omega Mine Project



- **30km east Kirkland Lake on 15 leased claims and two patents**
  - Two historical production shafts (past production ~215,000 ounces of gold)
  - On highway with power on site
  - +30,000 metres of drilling
- **Resource Estimate in 2013 of 4.92 Mt @ 1.39 gpt gold (indicated); 4.69 Mt @ 2.43 gpt gold (inferred) – Global Envelope Resource of 585,000 gold ounces**
- **Significant Geological Upside at the Laguerre Zone Extension, Southwest Zone and potential Lamprophyres**

<sup>1</sup> Agnico Eagle, Mineral Reserves and Resource Table (Dec 31, 2018)

<sup>2</sup> Resource Estimate on the Past Producing Omega Mine (published on www.sedar.ca on 10 July 2013)

\* See note on historical resources (Slide 2)

# Omega Gold Mine 43-101 Resource

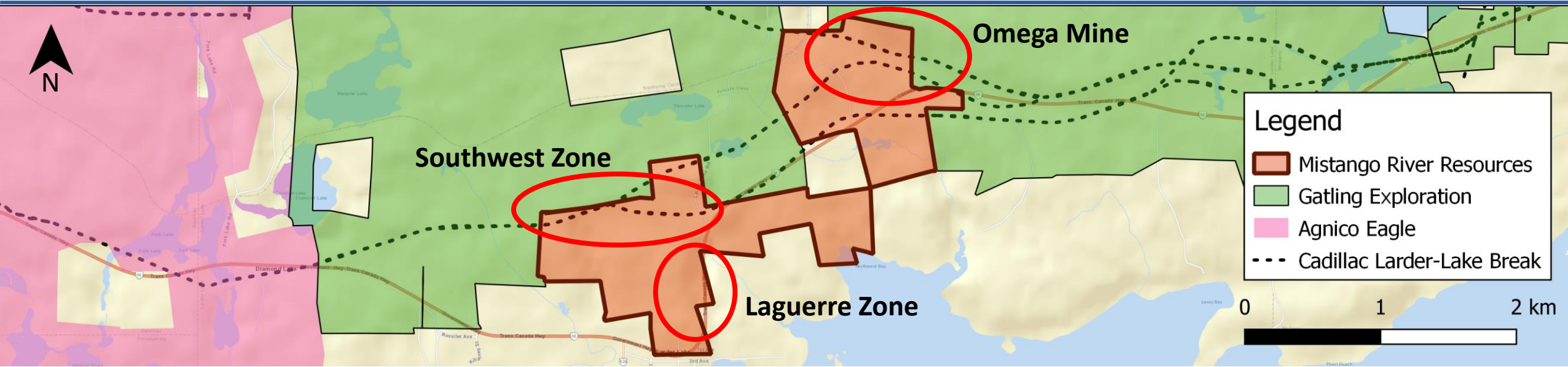
Resource Estimate on the Past Producing Omega Mine (published on [www.sedar.ca](http://www.sedar.ca) on 10 July 2013)

Cut-off Grade	Classification	Tonnes (Mt)	Au Grade (g/t)	Contained Au ounces
0.5 g/t gold above 130 masl	Indicated	4.92	1.39	219,438
3 g/t gold below 130 masl	Indicated	0.003	3.19	370
			<b>Total Indicated</b>	<b>219,808</b>
0.5 g/t gold above 130 masl	Inferred	3.35	1.8	190,900
3 g/t gold below 130 masl	Inferred	1.34	4.0	174,500
			<b>Total Inferred</b>	<b>365,400</b>

Note: A constant bulk density of 2.8 t/m<sup>3</sup> has been used.

**Omega historically produced ~215,000 ounces of gold at 5.41 gpt  
(between 1926-1928 and 1936-1947)**

# Omega Exploration Potential

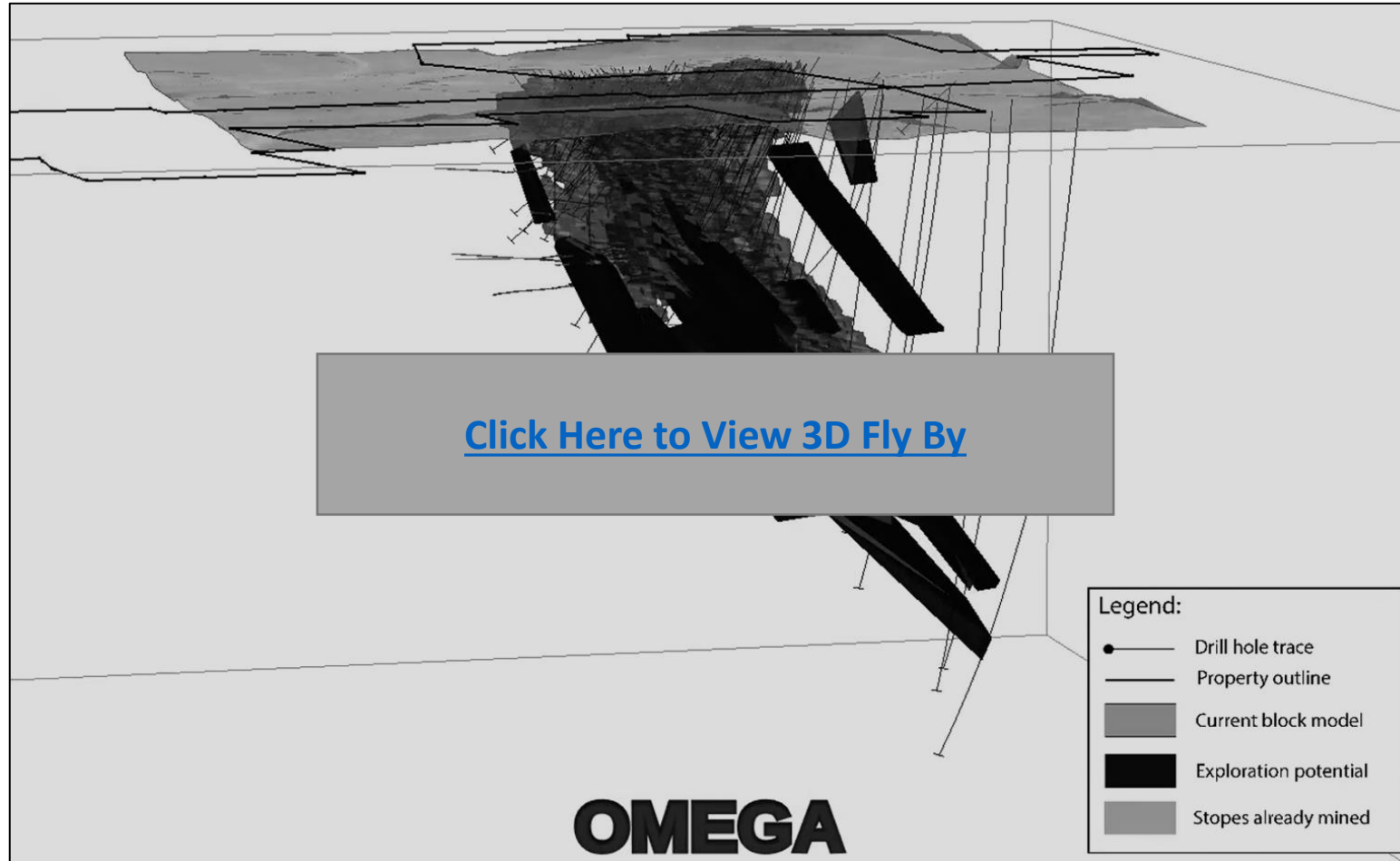


**Laguerre Zone Extension:** mineralization contained within a mixture of north trending porphyry dykes and Temiskaming sediments, extending on to the Omega property

**Southwest Zone:** significant gold intersections in the Temiskaming sediments immediately south of the Larder Lake Break

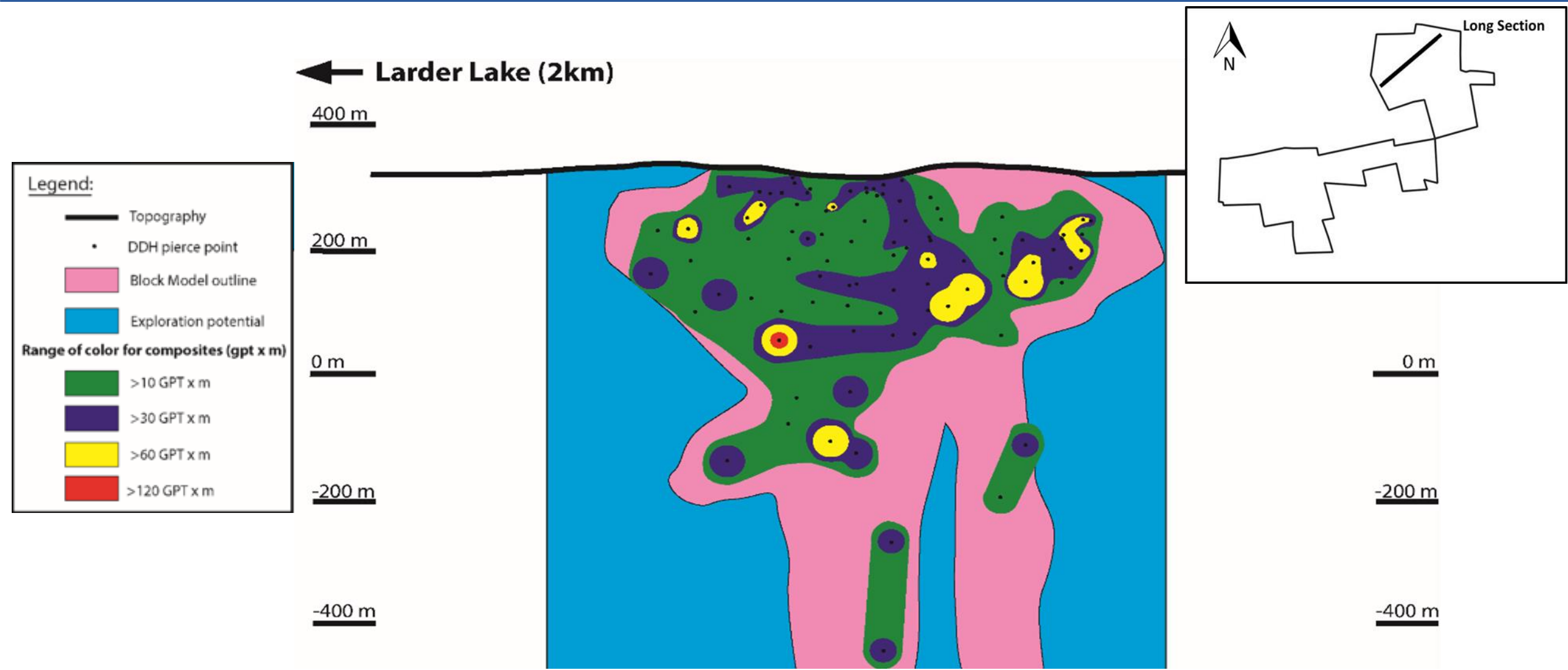
**Lamprophyres:** Potential lamprophyres in the southwestern part of the Omega property delineated from historical core logs. 1 micro diamond identified by Government of Ontario just north of the village of Larder Lake

# Omega Gold Mine Resource in 3D





# Omega Deposit – Longitudinal and Expansion



- **Eby-Baldwin**

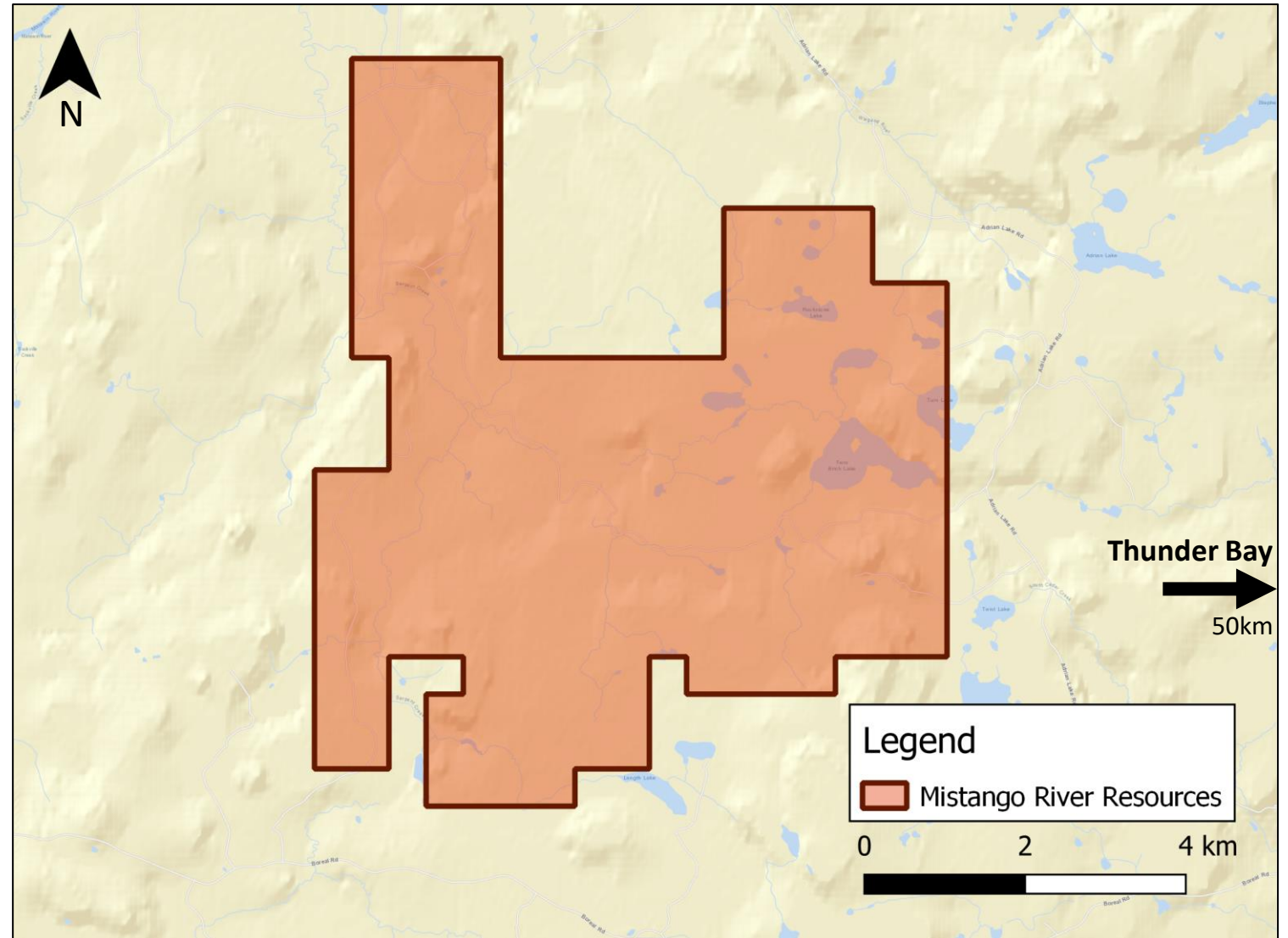
- Priority is to drill high-potential targets focusing on the Main and Amalgamated Breaks on the Property
- Geophysical studies including ground induced polarization (IP Survey) and detailed, high-resolution Drone Magnetics to delineate the complex structural controls within the Eby-Baldwin property. Detailed structural mapping of surface outcrops.

- **Omega Project**

- Geophysical Studies including ground induced polarization (IP Survey) and detailed Drone Magnetics to delineate structural controls at the Southwest Zone and Laguerre Zone. Detailed structural mapping of surface outcrops.
- Follow-up drilling on high-potential targets generated from geophysical interpretation and structural model.
- Detailed mapping of lamprophyre dykes within the property

# Sackville Project

- Project consists of high-grade VMS boulders in Sackville/Aldina Township containing gold, silver and zinc, including:
  - **Calvert: 8.80% Zinc, 1.70% Lead, 214.2 gpt Silver and 3.51 gpt Gold**
  - **Calvert B: 38.06% Zinc, 0.33% Lead, 36.8 gpt Silver and 0.41 gpt Gold**
  - **Boomer 1: 0.56% Zinc, 0.39% Lead, 56 gpt Silver and 0.22 gpt Gold**
- 8 non-patented claims + 1 patented claim (3,944 Hectares) easily accessible by road in Thunder Bay



**Stephen Stewart**  
**Mistango River Resources**

**[sstewart@minvestpartners.com](mailto:sstewart@minvestpartners.com)**  
**416.644.1567**