

## ASX Announcement

7 November 2019

# Field Exploration Sampling Program Commences at the Eade-Pontois-Felicie Gold Projects, Quebec

---

### Highlights:

- Geological field crew mobilised to the Eade-Pontois-Felicie Gold Projects to undertake ground mapping, prospecting and rock sampling of historic gold and copper showings as well as historic exploration trenches and pits within the project area
- Exploration field program will define the potential gold and associated copper mineralisation within the project areas and identify future drill target zones and high priority areas within each project
- The **Eade Gold Project, the Pontois Gold Project and the Felicie Gold Project**, collectively cover an area of approximately 26km<sup>2</sup>
- The **Eade Gold Project** is split into two domains:
  - **West Eade** contains a **12km strike length** with at least two gold prospects (**rock chip samples up to 11.45g/t Au**) which have not been followed up with modern exploration techniques <sup>1</sup>
  - **East Eade** contains a **7km strike length** with at least two gold prospects (**rock chip samples up to 12.0g/t Au**) which have not been followed up with modern exploration techniques and borders the Azimut Exploration Inc. (TSX.V: AZM) and SOQUEM owned Masta 2-Corvette Project (*the Passi Prospect*) <sup>1</sup>
- The **Pontois Gold Project** contains a rock sample which returned an assay result of **7.3 g/t Au** which has not been followed up with modern exploration techniques <sup>1</sup>
- The **Felicie Gold Project** contains a rock sample which returned an assay result of **5.54g/t Au + 1.86% Cu + 4.94% Zn** with a second rock sample collected in another area which returned over **10g/t Au** which has not been followed up with modern exploration techniques <sup>1</sup>
- The focus of the Company on the Eade-Pontois-Felicie projects is to undertake low-cost exploration including data compilation, field mapping and sampling, target generation, channel sampling and drilling, if required

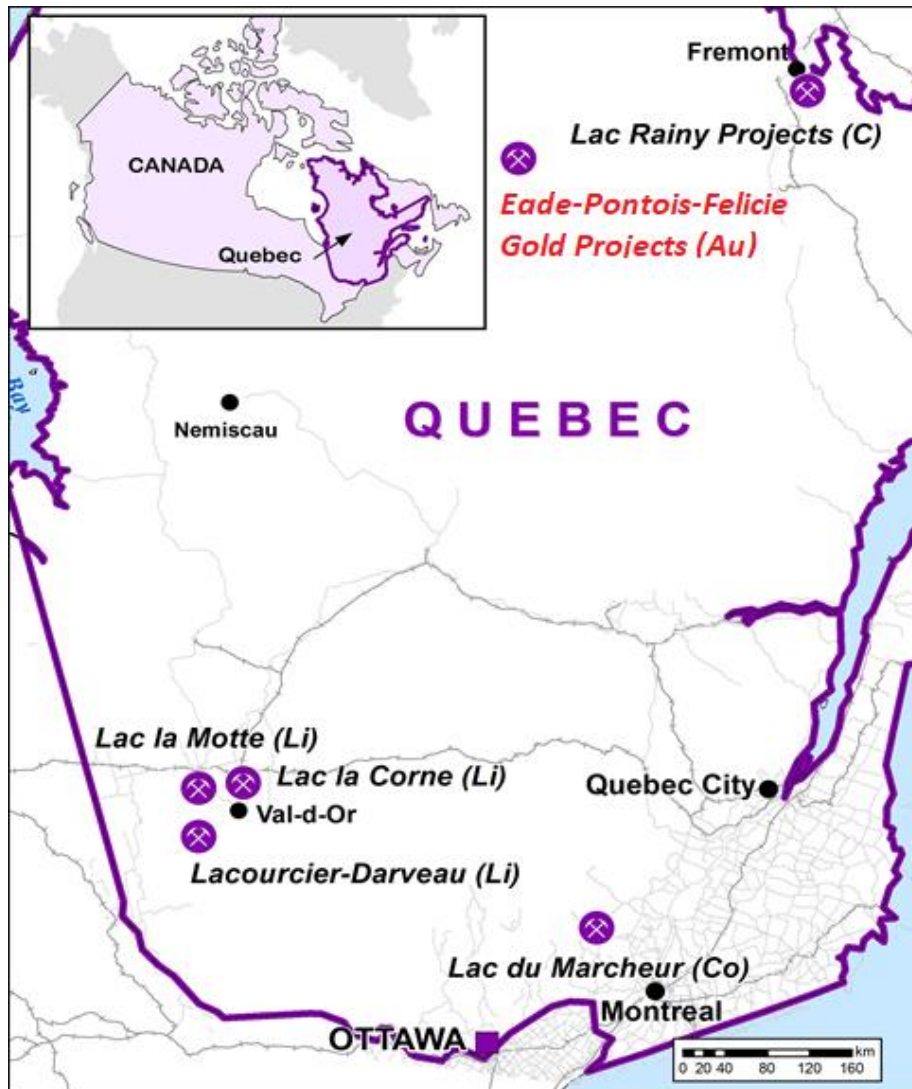
1. Refer to the ASX Announcement dated 25 September 2019 and titled "Acquisition of Quebec Focused Gold Exploration Projects" for the complete details of the rock chip samples referred to above, including full particulars of the location of the samples, the type of sample collected and the source of the sample assay results. For further details, refer to Appendix 1 of this announcement.

---

Metals Australia Ltd (ASX: **MLS**) (**MLS** or **Company**) is pleased to announce that it has commenced a field exploration and sampling program at its recently acquired Eade-Pontois-Felice Gold Projects located in the Lac Guyer greenstone belt of northern-Quebec (Canada), an east-west trending greenstone belt which is host to numerous high-grade gold-copper and base metal discoveries.

The projects are located approximately 120km northeast of the Eleonore Gold Mine which is owned and operated by Goldcorp and are located in close proximity to the Trans-Taiga Highway which provides excellent all-year road access to the projects.

The map below provides a general location of the Eade-Pontois-Felcie Gold Projects relative to the Company's other exploration projects in Quebec, Canada.



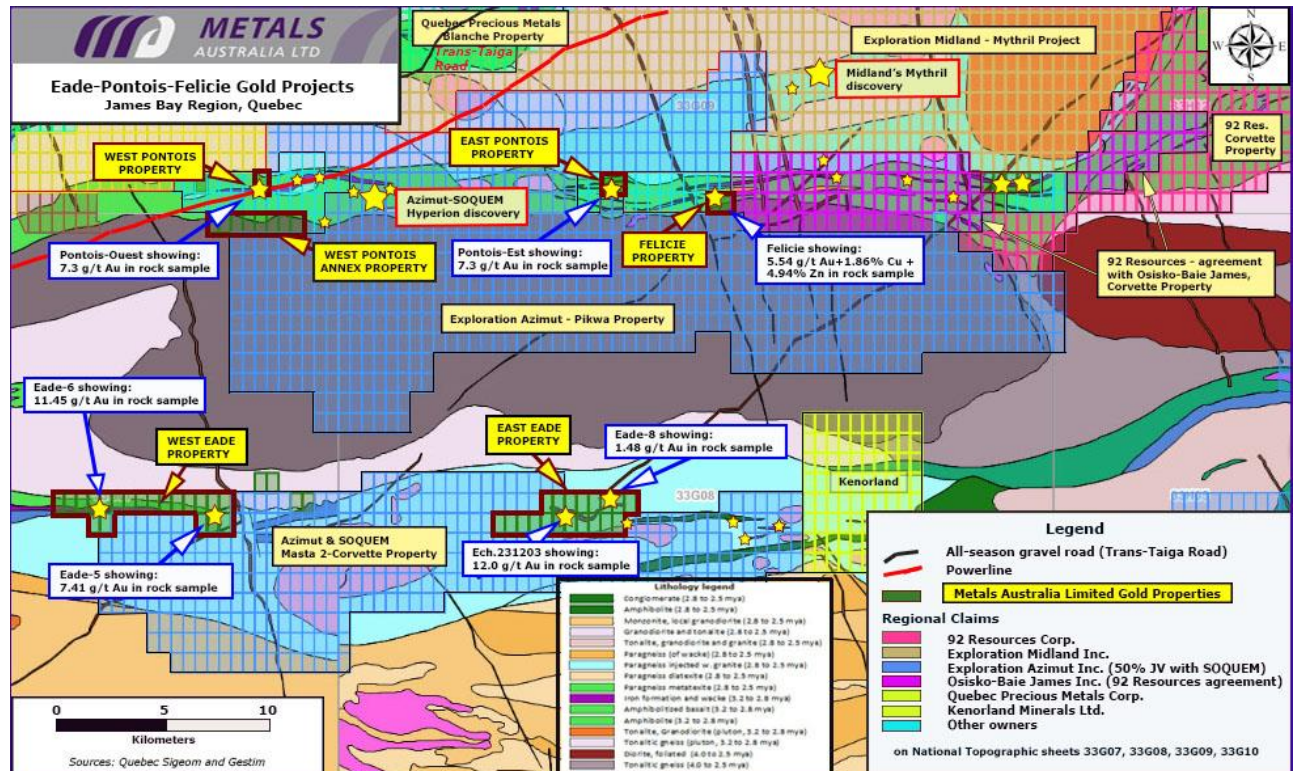
**Figure 1: General location map of the Eade-Pontois-Felcie Gold Projects located in Quebec, Canada**

Geologically, the projects are located in the north-eastern sector of the Superior Province and straddle the boundary of the La Grande and Opinaca geological sub-provinces. Together, the projects include approximately 20km of an east-west trending volcano-sedimentary belt.

The greenstone sequence is variable, containing basalt, ultramafic, felsic volcanics and sediments. This provides rheological contrasts that can cause strain partitioning and focusing of gold bearing fluids. The projects are also close to the margin of a granite which has controlled regional scale east-west shearing.

The greenstone belt contains multiple gold occurrences that indicate prospectivity for gold mineralisation. This is supported by the reported widespread distribution of low-grade sulphide mineralisation (possibly due to alteration) at the Felcie Gold Project. Gold occurrences are aligned in an east-west direction along the main regional shear zones to the north and south of the granite.

The map below illustrates the project location in a regional setting showing the regional geology and structures. Also highlighted are the rock sample assay results for the relevant prospects and the infrastructure in the area:



**Figure 2: Regional geology map of the Eade-Pontois-Felcie Gold Projects located in Quebec, Canada. Sample site locations are contained within the map above with the use of a star highlighting the location of the sample and a text box highlighting the assay results of the particular sample**

## Commencement of Field Exploration Campaign

The Company has mobilised a field crew from Magnor Exploration Inc. to site for a 3 day ground exploration and sampling program. The primary objective of the program is to confirm the historic high-grade gold and copper mineralisation documented on the Project from the existing outcrops and exploration pits and trenches. In addition, reconnaissance mapping and sampling will be completed along several prospective trends within the Project as a precursor to further exploration, including diamond drilling, if required.

The field exploration program will be complemented with a geophysical review, including a review of historical geophysical data across the project and across the region generally, as part of a follow phase of exploration as a pre-cursor to diamond drilling to better define the structural geology of the project areas.

The Eade, Pontois and Felcie Gold Projects are located in an area with good potential for the discovery of economic deposits of precious and base metals. There are indications of high-grade gold and silver mineralisation within all project areas, as well as in other showings in the surrounding area and in the general region.

The area was previously mapped and prospected by both government and private companies, therefore there is data already available for the projects, including geophysical maps (residual total magnetic field, first and second vertical derivative). This data has been used to build a preliminary GIS database.



The images below illustrate sulphide mineralisation identified at the project areas in surface outcrops which was identified by Magnor across the project areas and are typical of the mineralisation within the Eade-Pontois-Felicie Gold Projects.



**Image 1:** Magnor geologist sampling a ultramafic / felsic volcanic associated outcrop at the Eade Gold Project



**Image 2:** Ultramafic host units containing sulphides at surface in outcrops at the Pontois Gold project



**Image 3:** Sulphide mineralisation sampled from a surface outcrop at the Felicie Gold project

## Summary

Historical reports summarizing exploration undertaken by previous companies has indicated high grade gold mineralisation exists across the Eade-Pontois-Felicie Gold Projects with multiple showings identified across each of the project areas, however the Project's true gold and copper potential remains untested. Refer to Appendix 1 for further details and references, including the GM report numbers for each relevant exploration assessment report.

Exploration on the gold projects will focus on the Eade Gold Project where the Company believes that it can add value with low-cost exploration.

The East Eade and West Eade project areas include 20km of an east-west trending volcano-sedimentary belt. The geological setting is characterised by sheared metasediments, amphibolites, paragneisses and small felsic intrusions.

The West Eade project area contains a **12km strike length** and covers two gold occurrences: Eade-5 and Eade 6. At Eade-5 rock chips have returned values up to **7.41g/t Au** in iron formation within a sulphidic shear. Approximately 6km along strike to the west at Eade-6, rock chip samples of iron formation returned results up to **11.45g/t Au**.

The East Eade project area contains a **7km strike length** and covers three gold occurrences (Eade-8, Eade-Till, Ech.231203) and a copper occurrence (Passi). Rock chip samples at the Eade-8 occurrence returned values to **1.47g/t Au in a 2m wide shear zone**. To the west at Ech.231203 quartz veins in a shear zone returned a best result of **12.0g/t Au** and a **1m channel sample at Eade-Till returned a value of 5.3g/t Ag**.

Refer to Appendix 1 for further details of the assay results from previous exploration.

The Eade Project has not been the subject of modern exploration and limited follow up has occurred on the historical occurrences. The Company believes that modern exploration and channel sampling will open up a significant amount of strike length of known structures for modern gold and copper focused exploration.

**- ENDS -**

**For more information, please contact:**

Gino D'Anna  
Director  
Metals Australia Ltd  
Phone: +61 400 408 878

Martin Stein  
Company Secretary  
Metals Australia Ltd  
Phone: +61 8 9481 7833

## ASX Listing Rules Compliance

In preparing this announcement dated 7 November 2019, the Company has relied on the announcements previously made by the Company and disclosed below. The Company confirms that it is not aware of any new information or data that materially affects those announcements previously made, or that would materially affect the Company from relying on those announcements for the purpose of this announcement dated 7 November 2019.

### Eade-Pontois-Felicie Gold Project

Pursuant to ASX Listing Rule 5.23.2, the Company confirms that it is not aware of any new information or data that materially affects the information included in the announcement dated 25 September 2019.



### **Caution Regarding Forward-Looking Information**

This document contains forward-looking statements concerning Metals Australia. Forward-looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward-looking statements as a result of a variety of risks, uncertainties and other factors. Forward-looking statements are inherently subject to business, economic, competitive, political and social uncertainties and contingencies. Many factors could cause the Company's actual results to differ materially from those expressed or implied in any forward-looking information provided by the Company, or on behalf of, the Company. Such factors include, among other things, risks relating to additional funding requirements, metal prices, exploration, development and operating risks, competition, production risks, regulatory restrictions, including environmental regulation and liability and potential title disputes.

Forward looking statements in this document are based on the company's beliefs, opinions and estimates of Metals Australia as of the dates the forward-looking statements are made, and no obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

### **Competent Person Declaration**

The information in this announcement that relates to Exploration Results is based on information compiled by Mr. Jean-Paul Barrette P.Geo, B.Sc. Mr Barrette is Project Geologist with Magnor Exploration Inc. and a consultant to Metals Australia Limited. Mr Barrette and is a member of the Ordre des Géologues du Québec (OGQ) with member number OGQ #619. Mr. Barrette has sufficient experience (35 years) that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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. Barrette consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.

## Appendix 1: Table of Sample Results Collected at Eade-Pontois-Felicie Gold Projects

(refer to [sigeom.mines.gouv.qc.ca/signet](http://sigeom.mines.gouv.qc.ca/signet) website for further information in relation to the assay results of the prospects noted in the table below)

Property Name	Prospect Name	Year Sample was collected	Assay Result	Sample Type	Zone	Easting	Northing	NTS Map Reference	Report and Sample Reference	Source Reference
West Pontois	Pontois-Ouest	1998 – Quebec Government Survey Geologists	3.35g/t Au 6.4g/t Ag 7.26% Pb	Rock Chip	18	529331	5928999	33G10	Sample number 106420 GM 56146	<a href="http://sigeom.mines.gouv.qc.ca/signet">sigeom.mines.gouv.qc.ca/signet</a>  * Each map reference can be used to search for the showing using the coordinates provided
West Pontois	Pontois-Ouest	1998 – Quebec Government Survey Geologists	7.26g/t Au	Rock Chip	18	529331	5928999	33G10	Sample number 107566 GM 56146	<a href="http://sigeom.mines.gouv.qc.ca/signet">sigeom.mines.gouv.qc.ca/signet</a>  * Each map reference can be used to search for the showing using the coordinates provided
East Pontois	Pontois-Est	1998 – Quebec Government Survey Geologists	7.3g/t Au 1.3g/t Ag 0.45% Cu	Rock Chip	18	545783	5929182	33G09	Sample number 10101 GM 56146	<a href="http://sigeom.mines.gouv.qc.ca/signet">sigeom.mines.gouv.qc.ca/signet</a>  * Each map reference can be used to search for the showing using the coordinates provided
East Pontois	Pontois-Est	1998 – Quebec Government Survey Geologists	4.41g/t Au 1.4g/t Ag 0.79% Cu	Rock Chip	18	545783	5929182	33G09	Sample number 10101 GM 56146	<a href="http://sigeom.mines.gouv.qc.ca/signet">sigeom.mines.gouv.qc.ca/signet</a>  * Each map reference can be used to search for the showing using the coordinates provided
Felicie	Felicie	2005 – Quebec Government Survey Geologists	5.54g/t Au >100g/t Ag 1.86% Cu 4.94% Zn	Rock Chip	18	550562	5928846	33G09	Sample number RP 2013-02 GM 63695	<a href="http://sigeom.mines.gouv.qc.ca/signet">sigeom.mines.gouv.qc.ca/signet</a>  * Each map reference can be used to search for the showing using the coordinates provided
Felicie	Felicie	2005 – Quebec Government Survey Geologists	>10g/t Au 0.55% Cu 34g/t Ag 3.33% Zn	Rock Chip	18	550562	5928846	33G09	Sample number RP 2013-01 GM 63695	<a href="http://sigeom.mines.gouv.qc.ca/signet">sigeom.mines.gouv.qc.ca/signet</a>  * Each map reference can be used to search for the showing using the coordinates provided

West Eade	Eade-5	2004 – Quebec Government Survey Geologists	7.41g/t Au	Rock Chip	18	527578	5914018	33G07	Sample number 55154 GM 62681	sigeom.mines.gouv.qc.ca/signet  * Each map reference can be used to search for the showing using the coordinates provided
West Eade	Eade-5	2004 – Quebec Government Survey Geologists	1m @ 3.08g/t Au	Channel Sample	18	527578	5914018	33G07	Sample number 137179 GM 63091	sigeom.mines.gouv.qc.ca/signet  * Each map reference can be used to search for the showing using the coordinates provided
West Eade	Eade-6	2005 – Quebec Government Survey Geologists	11.45g/t Au	Rock Chip	18	522113	5914231	33G07	Sample number 31503 GM 63091	sigeom.mines.gouv.qc.ca/signet  * Each map reference can be used to search for the showing using the coordinates provided
West Eade	Eade-6	2005 – Quebec Government Survey Geologists	8.56g/t Au 1.4g/t Ag	Rock Chip	18	522113	5914231	33G07	Sample number 09-PB-4245A GM 63091	sigeom.mines.gouv.qc.ca/signet  * Each map reference can be used to search for the showing using the coordinates provided
East Eade	Ech. 231203	2012 – Quebec Government Survey Geologists	12.0g/t Au	Rock Chip	18	543947	5913751	33G07	Sample number 20140610 GM 67598	sigeom.mines.gouv.qc.ca/signet  * Each map reference can be used to search for the showing using the coordinates provided
East Eade	Eade-8	2008 – Quebec Government Survey Geologists	1.48 g/t Au	Rock Chip	18	545901	5914927	33G07	Sample number 144771 GM 64326	sigeom.mines.gouv.qc.ca/signet  * Each map reference can be used to search for the showing using the coordinates provided
East Eade	Passi	2009 – Quebec Government Survey Geologists	7.86% Cu	Rock Chip * (partially located off project boundary)	18	546663	5913978	33G07	Sample number 171279 GM 64326	sigeom.mines.gouv.qc.ca/signet  * Each map reference can be used to search for the showing using the coordinates provided
East Eade	Eade-Till	2009 – Quebec Government Survey Geologists	1m @ 5.3g/t Ag	Channel Sample	18	541273	5913557	33G07	Sample number 171144 GM 64326	sigeom.mines.gouv.qc.ca/signet  * Each map reference can be used to search for the showing using the coordinates provided

**Note:**

The Company considers that the results as summarized in the table above are sufficient to be relied on in compliance with JORC (2012) reporting standards. The rock chip sample collection and the channel sampling collection has been completed by the Quebec-Government Survey Geologists using adequate sampling and reporting techniques. The location of the samples is known to a high degree which will assist the Company in collecting additional data in the same areas. The Company plans on digitizing the database for completeness and to start building a GIS framework for the various project areas. This process will also involve the computation of GPS signals for accuracy into a database which will be maintained by the Company and its geological consultants.