

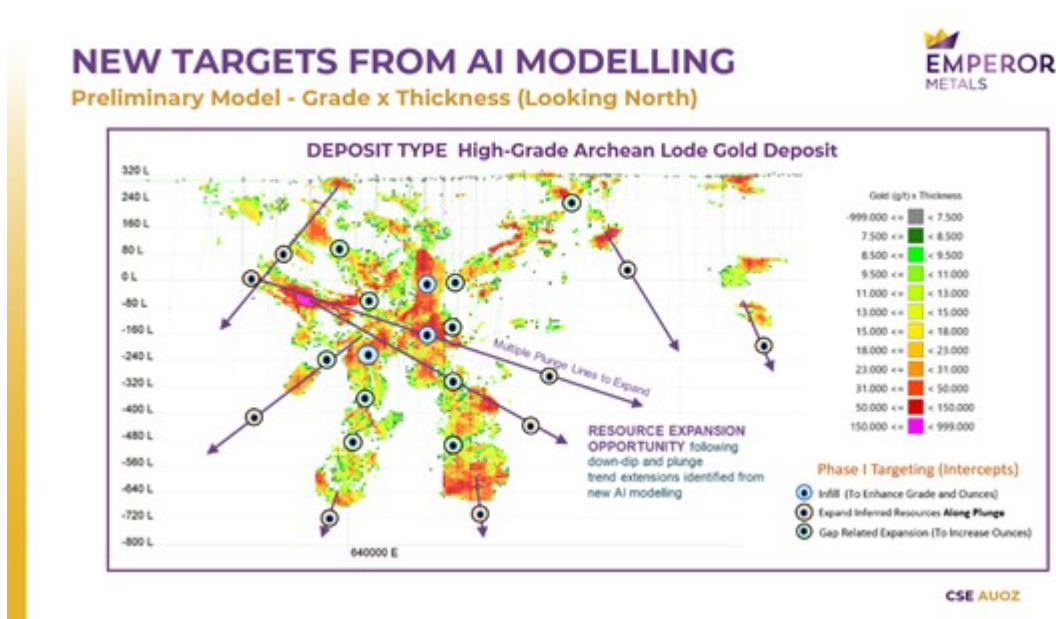
# Emperor Provides Drilling Update for the Duquesne West Gold Project

Vancouver, British Columbia--(Newsfile Corp. - July 26, 2023) - Emperor Metals Inc. (CSE: AUOZ) (OTC Pink: EMAUF) (FSE: 9NH) ("**Emperor**") is pleased to announce the resumption of drilling operations at the Duquesne West Gold Project. The drilling activities had temporarily ceased between June 4th and June 30th due to a provincial ban on work in response to the significant forest fires in the Province of Quebec.

*CEO John Florek commented:*

"We are excited to have resumed our fully funded, +7,000 m drilling campaign now that the province-wide wildfire ban on field exploration has been lifted. Our program was designed to test several new scenarios developed from Artificial Intelligence (A.I.) Models which highlighted evidence of the controls to mineralization following several gold-rich trends along a known plunge. Our drilling targets are designed to add ounces through several strategies based on our new understanding of these controls. Our exploration goals are to enhance grade and ounces internal to the deposit, to discover additional ounces external to the deposit, and to fill any data gaps in areas of trending gold-rich mineralization (See Figures 1 and 2).

Strategically located near Rouyn-Noranda, Quebec, there are many opportunities for additional growth and discovery at the margin of this high-grade gold deposit on this property. Numerous mines are located nearby within a district dominated by Agnico Eagle, and Newmont. We have a tremendous opportunity to continue creating value on this property."



**Figure 1: Phase 1 Targeting**

To view an enhanced version of this graphic, please visit:

[https://images.newsfilecorp.com/files/8461/174892\\_647d410c144b7ad0\\_001full.jpg](https://images.newsfilecorp.com/files/8461/174892_647d410c144b7ad0_001full.jpg)

## EXAMPLE OF POTENTIAL STOPE GRADE AND THICKNESS

GRADE (Au, g/t)	STOPE THICKNESS (m)
22.043	5.40
16.255	11.11
15.860	11.38
15.669	11.37
15.399	14.68
14.249	14.75
13.991	16.81
13.701	19.41
13.701	19.41
12.854	15.76
7.381	17.13
6.661	17.85
5.256	20.80

### CRITERIA USED

- Minable Shape Optimizer (MSO) used Gold Cutoff of 3 g/t Au and Gold Cap of 30 g/t Au
- Minimum dimensions 2.5 m (width) x 8 m (length) x 4 m (height)
- We used ID3 (Inverse Distance Cubed) for estimation in the AI modeled grade shells

CSE AUOZ

**Figure 2: Examples of historic drill intercepts**

To view an enhanced version of this graphic, please visit:

[https://images.newsfilecorp.com/files/8461/174892\\_647d410c144b7ad0\\_002full.jpg](https://images.newsfilecorp.com/files/8461/174892_647d410c144b7ad0_002full.jpg)

### Highlights

Based on knowledge gained from in-house A.I. modelling, additional drilling permit applications were submitted on May 4<sup>th</sup> and granted on June 26<sup>th</sup>. The additional permits will provide optionality to the Phase 1 drilling program as results emerge. Permits were also received for drilling in areas close to wetlands.

Emperor's initial ~+7,000 meter Phase 1 Drill Program began on May 9<sup>th</sup> and a province-wide wildfire ban went into effect during the drilling of the second diamond drill hole. Geological processing for the first two holes was completed and samples have been sent to SGS Laboratories in Lakefield, ON.

Drilling resumed on June 30<sup>th</sup> and the first three diamond drill holes have now been completed:

- DQ23-01: 1,068 meters
- DQ23-02: 834 meters
- DQ23-03: 948 meters

Drilling has commenced on the fourth diamond drill hole, DQ23-04.

The 2023 field program is expected to run until the end of September and complete 10 diamond drill holes of about 700m each on average, for a total of about 7,000m. To date, 3,000m have been completed. Each hole is carefully planned using the most current information and interpretation of results.

### **About the Duquesne West Gold Project**

The Duquesne West Gold Property is located 32 km northwest of the city of Rouyn-Noranda and 10 km east of the town of Duparquet. The property lies within the historic Duparquet gold mining camp in the southern portion of the Abitibi Greenstone Belt in the Superior Province.

Under an Option Agreement, Emperor agreed to acquire a one hundred percent (100%) interest in a mineral claim package comprising 38 claims covering approximately 1,389 ha, located in the Duparquet Township of Quebec (the "Duquesne West Property") from Duparquet Assets Ltd., a 50% owned subsidiary of Globex Mining Enterprises Inc. (TSX: GMX). For further information on the Duquesne West

Property and Option Agreement, see Emperor's press release dated October 12, 2022, available on SEDAR.

The Property hosts a historical inferred mineral resource estimate of 727,000 ounces of gold at a grade of 5.42 g/t Au.<sup>1,2</sup> The mineral resource estimate predates modern CIM guidelines and a Qualified Person on behalf of Emperor has not reviewed or verified the mineral resource estimate, therefore it is considered historical in nature and is reported solely to provide an indication of the magnitude of mineralization that could be present on the property. The gold system remains open for resource identification and expansion.

Reinterpretation of the existing geological model was created using A.I. and Machine Learning. This model shows the opportunity for additional discovery of ounces by revealing gold trends unknown to previous workers and the potential to expand the resource along significant gold-endowed structural zones.

<sup>1</sup> Watts, Griffis, and McQuat Consulting Geologists and Engineers, Oct 20, 2011, Technical Report and Mineral Resource Estimate Update for the Duquesne-Ottoman Property, Quebec, Canada for XMt Inc.

<sup>2</sup> Power-Fardy and Breede, 2011. The Mineral Resource Estimate (MRE) constructed in 2011 is considered historical in nature as it was constructed prior to the most recent Canadian Institute of Mining and Metallurgy (CIM) standards (2014) and guidelines (2019) for mineral resources. In addition, the economic factors used to demonstrate reasonable prospects of eventual economic extraction for the MRE have changed since 2011. A qualified person has not done sufficient work to consider the MRE as a current MRE. Emperor is not treating the historical MRE as a current mineral resource. The reader is cautioned not to treat it, or any part of it, as a current mineral resource.

## **QP Disclosure**

The technical content for the Duquesne West Project in this news release has been reviewed and approved by John Florek, M.Sc., P.Geol., a Qualified Person pursuant to CIM guidelines.

## **About Emperor Metals Inc.**

Emperor Metals Inc. is an innovative Canadian mineral exploration company focused on developing high-quality gold properties situated in the Canadian Shield. For more information, please refer to SEDAR ([www.sedar.com](http://www.sedar.com)), under the Company's profile.

ON BEHALF OF THE BOARD OF DIRECTORS

*s/ "John Florek"*

**John Florek**, M.Sc., P.Geol  
President, CEO and Director  
Emperor Metals Inc.

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