

## OSISKO METALS STARTS AGGRESSIVE PHASE 1 DRILL PROGRAM IN THE BATHURST MINING CAMP

(Montréal, Québec – September 11, 2017) Osisko Metals Incorporated (the “Company” or “Osisko Metals”) (TSX-V:OM; FRANKFURT: OB5) is pleased to announce the commencement of an aggressive 50,000 meter diamond drilling campaign in the world class Bathurst Mining Camp (the “BMC”) in New Brunswick, Canada. Drilling will focus on resource definition and expansion of the historical Gilmore South, Mount Fronsac, Flat Landing Brook and Louvicourt deposits (see Figure 1), all 100% owned by Osisko Metals.

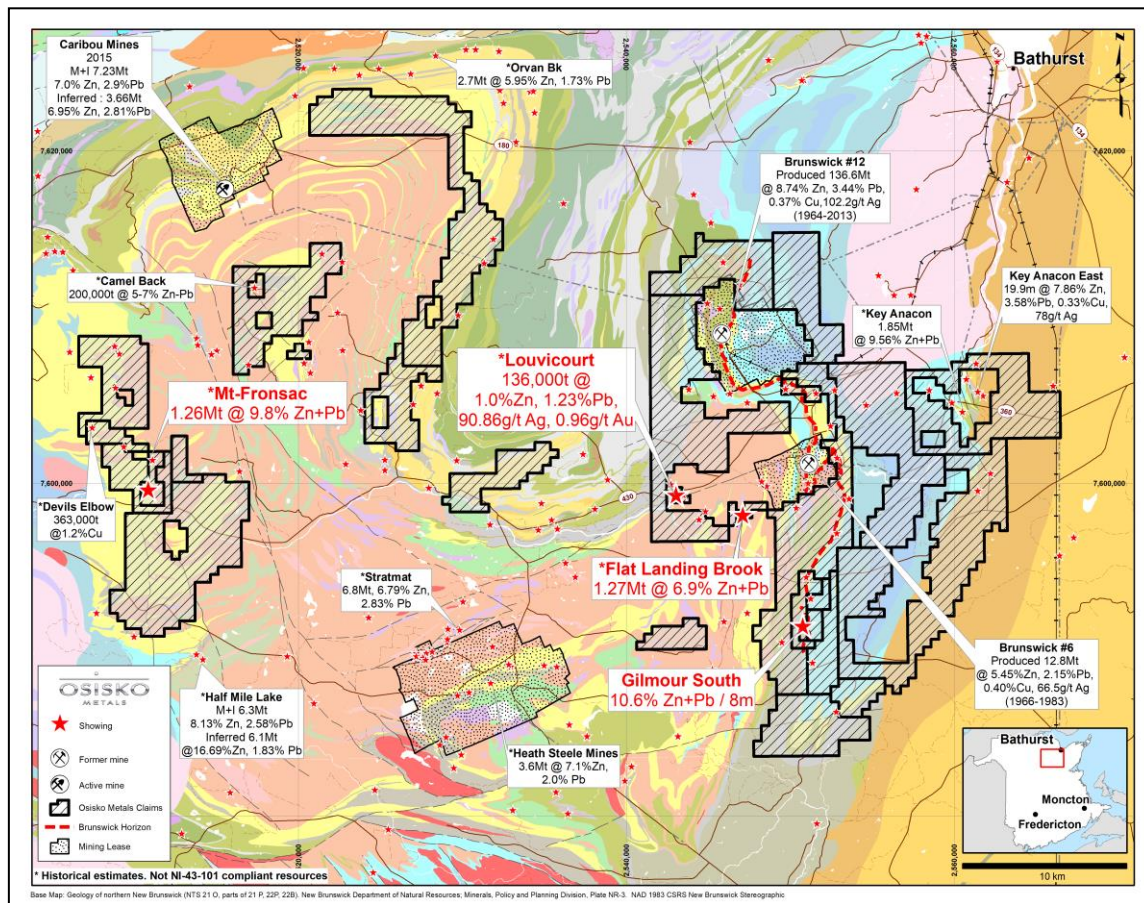


Figure 1: Osisko Metals property holdings in the BMC. Historical deposits for Phase 1 drilling have red highlighted text. Shown resources are unclassified historical resources and not NI43-101 compliant. The Company is not treating these historical estimates as current mineral resources and they are shown for reference purpose only.

The Company has continued to consolidate its position in the prolific Bathurst Mining Camp with the addition of 519 new claim units (11,343 Ha) since the acquisition of the Mt Fronsac property (see news release date July 6, 2017). Osisko Metals now controls over 51,647 hectares in the camp. This latest strategic claim acquisition covers the area east of the Brunswick Belt stratigraphy and the interpreted Brunswick Horizon near the Carboniferous contact (see complete land package in Figure 1). These land holdings cover a significant portion of key favorable stratigraphy throughout the BMC.

President Jeff Hussey commented “We recognize the tremendous exploration opportunity in the Bathurst Mining Camp. Our first step is to build a resource base from historical deposits. Secondly, we continue to consolidate areas of interest as we initiate an aggressive camp-scale exploration campaign. We are eager to define viable zinc resources through a drill-focused exploration strategy”.

### **Resource Expansion and Regional Exploration**

Both the deposit scale and regional exploration programs will make use of the MiraGeoscience *Common Earth Modelling* technology that is an innovative, holistic, 3D modelling and target generation tool. This will generate a prioritized stream of high potential drill targets. This approach combines geological interpretation with geophysical and geochemical data sets that are merged into one common 3D-GIS (GOCAD) software platform to optimize drill targeting. Furthermore, this will lead toward the construction of the first 3D model of the entire BMC to identify new and untested mineralized VMS horizons.

The goal of these efforts is to quickly expand the Company’s resource base and to generate highly prospective brownfield and greenfield targets throughout the BMC.

### **About the Bathurst Mining Camp**

The BMC is the third largest volcanogenic massive sulphide mining camp in the world, and it is well known for extensive zinc, lead, copper and silver mineralization as well as multiple deposits and base metal mines including the former Brunswick # 12 Mine that produced 137 million tonnes of ore grading 8.74% zinc, 3.44% lead, 0.37% copper and 102 g/t silver between 1964 and 2013.

### **About Osisko Metals**

**Osisko Metals** is a Canadian base metal exploration and development company creating value in base metals with an emphasis on the zinc space. In 2017, the Company acquired over 50,000 hectares in the Bathurst Mining Camp (“BMC”). The objective is to develop a multi-deposit asset base that would feed a central concentrator. In parallel, Osisko Metals is monitoring several base metal oriented peers for projects hosting zinc, copper, and nickel for acquisition

opportunities. In Québec, the Company acquired 42,000 hectares that cover 12 grass-root zinc targets that will be selectively advanced through exploration. Osisko Gold Royalties Ltd. (TSX/NYSE: OR) and Osisko Mining Inc. (TSX: OSK) are significant shareholders of the Company.

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**For further information on Osisko Metals, visit [www.osiskometals.com](http://www.osiskometals.com) or contact:**

**Jeff Hussey**

President & CEO

Osisko Metals Incorporated

(514) 861-4441

Email: [info@osiskometals.com](mailto:info@osiskometals.com)

[www.osiskometals.com](http://www.osiskometals.com)

**Christina Lalli**

Director, Investor Relations

Osisko Metals Incorporated

(514) 861-4441

Email: [info@osiskometals.com](mailto:info@osiskometals.com)

[www.osiskometals.com](http://www.osiskometals.com)

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