

OSISKO METALS INTERSECTS 18.66% ZINC+LEAD OVER 20.73 METRES AT PINE POINT

(Montreal – March 4th, 2019) Osisko Metals Incorporated (the "Company" or "Osisko Metals") (TSX-V: OM; FRANKFURT: OB51) is pleased to announce assay results from 14 drill holes completed in the W-85 area within the North Zone ("NZ") of the Pine Point Mining Camp ("PPMC"). Highlights include drill hole W85-18-PP-005 that intersected 12.17% zinc and 6.49% lead over 20.73 metres, hole W85-18-PP-011 that intersected 9.09% zinc and 7.65% lead over 37.62 metres and hole W85-18-PP-001 that intersected 3.24% zinc and 8.32% lead over 60.37 metres. (See 2018 Summer Drill Campaign North Zone - W-85-01 and 02 pits)

All intersections are from definition drilling within two cylindrical-shaped vertical prismatic deposits that were included in the recent maiden Mineral Resource Estimate ("MRE") (see press release dated December 6, 2018), and all intercepts are located between 13 and 105 metre depths below surface. Highlights are listed below in Table 1 and details are provided in Tables 2 & 3.

 Table 1: Selected Drill Highlights.

| Hole Name | Area | Historical Deposit | From | То | Drilled Width | Zinc | Lead | Lead + Zinc |
|---------------|------------|-----------------------|----------|----------|------------------|-------|------|----------------|
| | | | (metres) | (metres) | (metres) | % | % | % |
| W85-18-PP-001 | North Zone | W85 | 15.20 | 75.57 | 60.37 | 3.24 | 8.23 | 11.47 |
| W85-18-PP-004 | North Zone | W85 | 49.33 | 68.66 | 19.33 | 5.15 | 1.58 | 6.73 |
| W85-18-PP-005 | North Zone | W85 | 57.67 | 78.40 | 20.73 | 12.17 | 6.49 | 18.66 |
| W85-18-PP-011 | North Zone | W85 | 33.50 | 71.12 | 37.62 | 9.09 | 7.65 | 16.74 |
| W85-18-PP-012 | North Zone | W85 | 69.85 | 104.70 | 34.85 | 9.90 | 3.57 | 13.47 |

Jeff Hussey, President & CEO of Osisko Metals, commented: "We are still receiving assay results from the 2018 and 2019 definition drilling campaign, totalling over 40,000 meters of additional drilling completed after the cut-off date for the December 2018 MRE. These results will be incorporated into the next MRE planned for 2019. The drilling reported today continues to confirm mineralization and improve the drill spacing needed to bring Inferred Mineral Resource into the indicated category."

The newly modelled W-85 and YBM pits are collectively known as the W85 deposit. The western W-85 pit currently measures 250 by 150 metres and the eastern YBM pit currently measures 200 by 100 metres. The two pits occur within the North Zone and are located 20 kilometres west of the electrical sub-station within 400 metres of the end of a main haul road. Reported in the 2018

NI43-101 Inferred MRE for the North Zone are 13.1 million tonnes of 4.26% zinc and 1.87% lead. The objective of the 2018 drill program was to convert the Cominco Ltd. unclassified near-surface historical resources into a NI43-101 Inferred MRE. These deposits are considered to be amenable to open pit mining.

Table 2: Composite Assay Results.

| Hole Name | Historical Deposit | From | То | Drilled Width | True Width | Zinc | Lead | Lead + Zinc |
|---------------|-----------------------|-----------------------|----------|------------------|---------------|-------|-------|----------------|
| | | (metres) | (metres) | (metres) | (metres) | % | % | % |
| W85-18-PP-001 | W85 | 15.20 | 75.57 | 60.37 | 60.37 | 3.24 | 8.23 | 11.47 |
| W85-18-PP-002 | W85 | 65.60 | 67.60 | 2.00 | 2.00 | 2.56 | 0.28 | 2.84 |
| W85-18-PP-003 | W85 | No Significant Values | | | | | | |
| W85-18-PP-004 | W85 | 49.33 | 68.66 | 19.33 | 19.33 | 5.15 | 1.58 | 6.73 |
| W85-18-PP-005 | W85 | 57.67 | 78.40 | 20.73 | 20.73 | 12.17 | 6.49 | 18.66 |
| W85-18-PP-006 | W85 | 78.00 | 79.00 | 1.00 | 1.00 | 1.06 | 0.36 | 1.42 |
| W85-18-PP-007 | W85 | 72.78 | 73.50 | 0.72 | 0.72 | 6.12 | 1.51 | 7.63 |
| W85-18-PP-008 | W85 | 71.90 | 78.00 | 6.10 | 6.10 | 2.62 | 0.63 | 3.24 |
| W85-18-PP-009 | W85 | 70.00 | 72.13 | 2.13 | 2.13 | 0.97 | 0.21 | 1.18 |
| W85-18-PP-010 | W85 | 70.15 | 73.40 | 3.25 | 3.25 | 6.04 | 2.13 | 8.17 |
| W85-18-PP-010 | W85 | 84.10 | 87.35 | 3.25 | 3.25 | 7.16 | 1.48 | 8.64 |
| W85-18-PP-011 | W85 | 33.50 | 71.12 | 37.62 | 37.62 | 9.09 | 7.65 | 16.74 |
| W85-18-PP-011 | W85 | 88.00 | 100.40 | 12.40 | 12.40 | 3.80 | 0.90 | 4.70 |
| W85-18-PP-012 | W85 | 49.69 | 52.29 | 2.60 | 2.60 | 3.38 | 0.31 | 3.68 |
| W85-18-PP-012 | W85 | 60.50 | 61.50 | 1.00 | 1.00 | 5.33 | 6.37 | 11.70 |
| W85-18-PP-012 | W85 | 69.85 | 104.70 | 34.85 | 34.85 | 9.90 | 3.57 | 13.47 |
| W85-18-PP-013 | W85 | 75.55 | 77.70 | 2.15 | 2.15 | 3.71 | 0.87 | 4.58 |
| W85-18-PP-014 | W85 | 71.50 | 77.85 | 6.35 | 6.35 | 1.08 | 0.48 | 1.55 |
| W85-18-PP-014 | W85 | 80.05 | 86.70 | 6.65 | 6.65 | 4.77 | 1.09 | 5.85 |
| W85-18-PP-014 | W85 | 94.07 | 96.18 | 2.11 | 2.11 | 3.22 | 14.50 | 17.72 |

Note Regarding Qualified Person

Mr. Robin Adair is the Qualified Person and the Vice President Exploration for Osisko Metals Incorporated. He is responsible for the technical data reported in this news release and a Professional Geologist registered in the North West Territories.

Quality Assurance / Quality Control

Osisko Metals adheres to a strict Quality Assurance and Quality Control program with regard to core handling, sampling, transportation of samples and lab analyses. Drill core samples from the Pine Point project area were securely transported to its core facility in Hay River, Northwest Territories where they were logged and sampled. Samples selected for assay were shipped via secure transportation to the ALS Canada Ltd.'s preparation facility in Yellowknife. Pulps were analyzed at the ALS Canada Ltd. facility in North Vancouver, British Columbia. All samples are analyzed by four acid digestion followed by both ICP-AES and ICP-MS for ultra-trace level detection for a multi-element suite with a 1% upper detection limit for base metals. Samples reporting over 1% for Zn and 1% for Pb are analyzed by assay grade four acid digestion and ICP-AES analysis with an upper detection limit of 30% and 20% respectively. Samples reporting Zn >30% and or Pb >20% are analyzed by traditional titration.

Table 3: Drill hole collar locations (UTM NAD83 zone 11).

| Hole Name | Area | Deposit | Easting | Northing | Elevation | Azimuth | Dip | Depth (metres) |
|---------------|------------|---------|----------|-----------|-----------|---------|-----|-------------------|
| W85-18-PP-001 | North Zone | W85 | 620018.0 | 6746460.0 | 189.00 | 0 | -90 | 80.00 |
| W85-18-PP-002 | North Zone | W85 | 620058.0 | 6746486.0 | 189.00 | 0 | -90 | 80.60 |
| W85-18-PP-003 | North Zone | W85 | 620108.0 | 6746486.0 | 189.00 | 65 | -70 | 36.50 |
| W85-18-PP-004 | North Zone | W85 | 620075.0 | 6746452.0 | 189.00 | 0 | -90 | 122.00 |
| W85-18-PP-005 | North Zone | W85 | 620006.0 | 6746413.0 | 189.00 | 0 | -90 | 133.00 |
| W85-18-PP-006 | North Zone | W85 | 619835.0 | 6746480.0 | 189.00 | 0 | -90 | 102.00 |
| W85-18-PP-007 | North Zone | W85 | 619840.0 | 6746449.0 | 189.00 | 0 | -90 | 100.00 |
| W85-18-PP-008 | North Zone | W85 | 619815.0 | 6746465.0 | 189.00 | 0 | -90 | 103.00 |
| W85-18-PP-009 | North Zone | W85 | 619813.0 | 6746435.0 | 189.00 | 0 | -90 | 99.00 |
| W85-18-PP-010 | North Zone | W85 | 619849.0 | 6746414.0 | 189.00 | 0 | -90 | 99.00 |
| W85-18-PP-011 | North Zone | W85 | 619709.0 | 6746381.0 | 189.00 | 0 | -90 | 106.00 |
| W85-18-PP-012 | North Zone | W85 | 619652.0 | 6746348.0 | 189.00 | 0 | -90 | 120.00 |
| W85-18-PP-013 | North Zone | W85 | 619786.0 | 6746382.0 | 189.00 | 0 | -90 | 106.00 |
| W85-18-PP-014 | North Zone | W85 | 619745.0 | 6746456.0 | 189.00 | 0 | -90 | 114.00 |

About Osisko Metals

Osisko Metals is a Canadian exploration and development company creating value in the base metal space with a focus on zinc mineral assets. The Company controls Canada's two premier zinc mining camps. The Company's flagship properties are: 1) the Pine Point Mining Camp ("PPMC"), located in the Northwest Territories, has an Inferred Mineral Resource of 38.4 Mt grading 4.58% zinc and 1.85% lead, making it the largest high grade, pit constrained zinc deposit in Canada (please refer to the Amended Technical Report for further information); 2) The Eastern Bathurst Mining Camp ("EBMC"), located in northern New Brunswick, has Indicated Mineral Resources of 1.96 Mt grading 5.77% zinc, 2.38% lead, 0.22% copper and 68.9g/t silver (9.00%) ZnEq) and Inferred Mineral Resources of 3.85 Mt grading 5.34% zinc, 1.49% lead, 0.32% copper and 47.7 g/t silver (7.96% ZnEg) in the Key Ancon and Gilmour South deposits. In 2019, the Company will continue to diligently develop and explore in order to confirm and grow both projects. In Québec, the Company owns 42,000 hectares that cover 12 grass-root zinc targets that will be selectively advanced through exploration. The Inferred Mineral Resources mentioned in this press release conform to National Instrument 43-101 standards. These mineral resources were reported by the Company on December 6, 2018 and January 20, 2019 and were prepared by independent qualified persons, as defined by NI43 101 guidelines. The above-mentioned mineral resources are not mineral reserves as they do not have demonstrated economic viability. The quantity and grade of the reported Inferred Mineral Resources are conceptual in nature and are estimated based on limited geological evidence and sampling. Geological evidence is sufficient to imply but not verify geological and grade or quality continuity.

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In context of current mineral resources reported by the Company, mineral resources are not mineral reserves as they do not have demonstrated economic viability. The quantity and grade of the reported Inferred Mineral Resources are conceptual in nature and are estimated based on limited geological evidence and sampling. Geological evidence is sufficient to imply but not verify geological and grade or quality continuity.

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