OSISKO INTERSECTS 115 g/t Au OVER 8.4 METRES AT LYNX

Infill Drilling Continues to Encounter High-Grade Gold

(Toronto, April 26, 2018) Osisko Mining Inc. (OSK:TSX. "Osisko" or the "Corporation") is pleased to provide new results from the ongoing drill program at its 100% owned Windfall Lake gold project located in the Abitibi greenstone belt, Urban Township, Eeyou Istchee James Bay, Québec. The 800,000 metre drill program combines definition, expansion and exploration drilling in and around the main Windfall gold deposit and the adjacent Lynx deposit (located immediately NE of Windfall).

Significant new analytical results from 19 intercepts in 12 drill holes and 5 wedges focused on infill drilling in the Lynx deposit are presented below. Today's infill drilling results will not be included in the pending mineral resource scheduled for release in May 2018.

Highlights from the new results include: **115 g/t Au over 8.4 metres** in OSK-W-17-1363; **58.7 g/t Au over 5.1 metres** in OSK-W-17-1343-W1; **118 g/t Au over 2.5 metres** and **85.1 g/t Au over 2.0 metres** in OSK-W-17-1169-W2; **72.8 g/t Au over 3.1 metres** in OSK-W-17-1166; **68.8 g/t Au over 2.0 metres** in OSK-W-17-928; **67.0 g/t Au over 2.0 metres** in OSK-W-17-1396; **50.3 g/t Au over 2.3 metres** in OSK-W-17-986; and **43.0 g/t Au over 2.6 metres** in OSK-W-17-1320. Maps showing hole locations and full analytical results are available at www.osiskomining.com.

Hole Number	From (m)	To (m)	Interval (m)	Au (g/t) uncut	Au (g/t) cut to 100 g/t	Zone	Corridor
OSK-W-17-928	**247.0**	**249.0**	**2.0**	**68.8**	**50**	**Lynx HW**	**Lynx**
including	247.0	248.0	1.0	138	100		
OSK-W-17-986	**337.7**	**340.0**	**2.3**	**50.3**	**48.7**	**VNCR**	**Lynx**
including	338.4	339.5	1.1	104	100		
OSK-W-17-1166	**973.0**	**976.1**	**3.1**	**72.8**	**14.9**	**Lynx 4**	**Lynx**
including	974.4	974.8	0.4	549	100		
OSK-W-17-1320	**90.4**	**93.0**	**2.6**	**43.0**	**15.6**	**Vein**	**Lynx**
including	91.3	91.7	0.4	278	100		
OSK-W-17-1343-W1	**596.7**	**601.8**	**5.1**	**58.7**	**30.3**	**Lynx HW**	**Lynx**
including	597.7	599.0	1.3	212	100		
OSK-W-17-1363	**373.6**	**382.0**	**8.4**	**115**	**24.0**	**Lynx 2**	**Lynx**
including	377.0	377.7	0.7	1190	100		
including	379.0	380.0	1.0	97.7			
OSK-W-17-1396	**873.0**	**875.0**	**2.0**	**67.0**	**15.3**	**Lynx 4**	**Lynx**
including	873.8	874.1	0.3	445	100		
OSK-W-18-1169-W1	**564.0**	**566.1**	**2.1**	**7.84**		**Lynx 2**	**Lynx**
OSK-W-18-1169-W2	**908.1**	**910.6**	**2.5**	**118**	**49.7**	**Lynx 4**	**Lynx**
including	908.4	909.0	0.6	386	100		
	925.0	**927.0**	**2.0**	**4.09**		**Lynx 4**	**Lynx**

Hole Number	From (m)	To (m)	Interval (m)	Au (g/t) uncut	Au (g/t) cut to 100 g/t	Zone	Corridor
	1082.0	**1084.0**	**2.0**	**85.1**	**46.9**	**Lynx 4**	**Lynx**
including	1082.3	1083.2	0.9	185	100		
OSK-W-18-1367-W2	**878.0**	**882.0**	**4.0**	**4.55**		**Lynx**	**Lynx**
OSK-W-18-1424	**878.2**	**880.7**	**2.5**	**4.24**		**Lynx 4**	**Lynx**
including	879.1	879.9	0.8	12.2			
OSK-W-18-1432-W1	**944.0**	**946.5**	**2.5**	**8.89**		**Lynx 4**	**Lynx**
OSK-W-18-1443	**584.0**	**586.0**	**2.0**	**4.25**		**Lynx HW**	**Lynx**
including	584.4	585.0	0.6	13.7			
OSK-W-18-1450	**565.1**	**567.3**	**2.2**	**36.7**		**Lynx 2**	**Lynx**
OSK-W-18-1454	**896.1**	**898.7**	**2.6**	**17.0**	**16.4**	**Lynx 4**	**Lynx**
including	896.1	896.5	0.4	104	100		
OSK-W-18-1455	**441.0**	**443.0**	**2.0**	**4.12**		**Lynx HW**	**Lynx**
including	441.3	442.0	0.7	10.5			
OSK-W-18-1460	**332.0**	**337.4**	**5.4**	**4.50**		**Lynx HW**	**Lynx**
including	332.0	332.5	0.5	20.3			
including	337.0	337.4	0.4	28.5			

Notes: True widths are estimated at 65 – 80% of the reported core length interval. See *"Quality Control"* below.
Definitions: HW = Hanging Wall; VNCR = Crustiform Vein.

Hole Number	Azimuth (°)	Dip (°)	Length (m)	UTM E	UTM N	Section
OSK-W-17-928	333	-64	465	453433	5434905	3550
OSK-W-17-986	328	-66	360	453447	5435019	3600
OSK-W-17-1166	132	-59	1182	453621	5435639	4050
OSK-W-18-1169-W1	129	-55	1301	453332	5435467	3725
OSK-W-18-1169-W2	129	-55	1155	453332	5435467	3725
OSK-W-17-1320	328	-76	852	452906	5434846	3050
OSK-W-17-1343-W1	137	-56	870	453570	5435490	3950
OSK-W-17-1363	341	-72	513	453458	5435025	3625
OSK-W-18-1367-W2	131	-52	1224	453753	5435875	4300
OSK-W-17-1396	134	-52	956	453439	5435484	3825
OSK-W-18-1424	357	-57	930	453357	5434365	3200
OSK-W-18-1432-W1	132	-55	1149	453809	5435783	4300
OSK-W-18-1443	136	-50	792	453440	5435478	3825
OSK-W-18-1450	135	-53	660	453384	5435519	3800

Hole Number	Azimuth (°)	Dip (°)	Length (m)	UTM E	UTM N	Section
OSK-W-18-1454	145	-53	1089	453375	5435455	3750
OSK-W-18-1455	140	-49	552	453568	5435492	3950
OSK-W-18-1460	143	-51	432	453468	5435347	3775

OSK-W-17-928 intersected **68.8 g/t Au over 2.0 metres** in Lynx HW. Mineralization contains trace disseminated pyrite within a moderate sericite and weak silica altered rhyolite.

OSK-W-17-986 intersected a crustiform vein returning **50.3 g/t Au 2.3 metres**. Mineralization contains local visible gold, 2% pyrite stringers, 2% crustiform quartz-carbonate veins and pyrite-silica flooding within a silica, carbonate and fuchsite altered gabbro.

OSK-W-17-1166 intersected **72.8 g/t Au over 3.1 metres** in Lynx 4. Mineralization contains local visible gold, 10% pyrite-silica flooding and 3% pyrite-tourmaline stringers within a porphyritic felsic dike.

OSK-W-17-1320 intersected **43.0 g/t Au over 2.6 metres** in Lynx. Mineralization contains 1% disseminated pyrite and trace pyrite in quartz veins within in a strong chlorite, moderate silica and weak sericite altered porphyritic felsic dike.

OSK-W-17-1343-W1 intersected **58.7 g/t Au over 5.1 metres** in Lynx HW. Mineralization contains 3% pyrite-silica flooding, 1% pyrite-tourmaline stringers and a 10 centimetres quartz vein within a strong silica and moderate sericite altered porphyritic felsic dike.

OSK-W-17-1363 intersected **115 g/t Au over 8.4 metres** in Lynx 2. Mineralization contains local visible gold and electrum and up to 25% disseminated pyrite or pyrite-tourmaline stringers within strong pervasive silica flooding. The gabbro host is strongly fuchsite and silica altered.

OSK-W-17-1396 intersected **67.0 g/t Au over 2.0 metres** in Lynx 4. Mineralization contains 1% pyrite in quartz-tourmaline veins and 3% disseminated pyrite within a moderate sericite, moderate fuchsite and weak silica altered rhyolite.

OSK-W-18-1169-W1 intersected **7.84 g/t Au over 2.1 metres** in Lynx 2. Mineralization contains 2% pyrite disseminated or as stringers and 10% quartz-carbonate and tourmalines veins within a silica and fuchsite altered gabbro.

OSK-W-18-1169-W2 intersected three intervals in Lynx 4: **118 g/t Au over 2.5 metres**, **4.09 g/t Au over 2.0 metres** and **85.1 g/t Au over 2.0 metres.** The first interval contains local visible gold, up to 15% pyrite-tourmaline stringers and 1% disseminated pyrite within strong pervasive silica alteration at the contact between a silicified and sericitized gabbro and a sericitized rhyolite. The second interval contains local visible gold and 10% pyrite in smoky-quartz veins within a sericite altered rhyolite. The third interval contains local visible gold and 5% pyrite-tourmaline stringers within a strong silica, moderate sericite, moderate ankerite and weak fuchsite altered rhyolite.

OSK-W-18-1367-W2 intersected **4.55 g/t Au over 4.0 meters** in Lynx Corridor. Mineralization contains 1% pyrite clusters and trace pyrite-silica flooding within a moderate chlorite and weak silica altered rhyolite.

OSK-W-18-1424 intersected **4.24 g/t Au over 2.5 metres** in Lynx 4. Mineralization contains up to 2% pyrite-tourmaline and 1% pyrite in quartz-carbonate veins within a sericitized zone at the contact between a porphyritic felsic dike and a rhyolite.

OSK-W-18-1432-W1 intersected **8.89 g/t Au over 2.5 metres** in Lynx 4. Mineralization contains up to 15% pyrite stringers at low core angles, 2% disseminated pyrite and traces of pyrite in ptygmatic tourmaline veins at the contact between a sericitized porphyritic felsic dike and a strongly bleached gabbro.

OSK-W-18-1443 intersected **4.25 g/t Au over 2.0 metres** in Lynx HW. Mineralization contains 10% disseminated pyrite and trace pyrite clusters within a bleached, chloritized and silicified gabbro.

OSK-W-18-1450 intersected **36.7 g/t Au over 2.2 metres** in Lynx 2. Mineralization contains up to 8% pyrite-silica flooding within a strong silica and weak sericite altered gabbro.

OSK-W-18-1454 intersected **17.0 g/t Au over 2.6 metres** in Lynx 4. Mineralization is composed of 2% disseminated pyrite and quartz-tourmaline veins, and 1% pyrite-tourmaline stringers within a strong sericite altered rhyolite.

OSK-W-18-1455 intersected **4.12 g/t Au over 2.0 metres** in Lynx HW. Mineralization contains up to 4% disseminated pyrite, up to 2% pyrite stringers and trace pyrite clusters at the contact between a fuchsite altered gabbro and a felsic porphyritic dike.

OSK-W-18-1460 intersected **4.50 g/t Au over 5.4 metres** in Lynx HW. Mineralization contains 2% pyrite-silica flooding and 1% disseminated pyrite at the contact between a strong silica altered rhyolite and a felsic intrusion.

Qualified Person

The scientific and technical content of this news release has been reviewed, prepared and approved by Mr. Louis Grenier, M.Sc.A., P.Geo. (OGQ 800), Project Manager of the Windfall Lake gold project, who is a "qualified person" as defined by National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101").

Quality Control and Reporting Protocols

True widths determinations are estimated at 65-80% of the reported core length intervals for most of the zones. Assays are uncut except where indicated. Intercepts occur within geological confines of major zones but have not been correlated to individual vein domains at this time. Reported intervals include minimum weighted averages of 3.0 g/t Au diluted over core lengths of at least 2.0 metres. All NQ core assays reported were obtained by either 1-kilogram screen fire assay or standard 50-gram fire-assaying-AA finish or gravimetric finish at ALS Laboratories in Val d'Or, Québec, Thunder Bay and Sudbury, Ontario or Vancouver, British Colombia or Bureau Veritas in Timmins, Ontario. The 1-kilogram screen assay method is selected by the geologist when samples contain coarse gold or present a higher percentage of pyrite than surrounding intervals. Selected samples are also analyzed for multi-elements, including silver, using an Aqua Regia-ICP-AES method at ALS Laboratories. Drill program design, Quality Assurance/Quality Control ("QA/QC") and interpretation of results is performed by qualified persons employing a QA/QC program consistent with NI 43-101 and industry best practices. Standards and blanks are included with every 20 samples for QA/QC purposes by the Corporation as well as the lab. Approximately 5% of sample pulps are sent to secondary laboratories for check assay.

About the Windfall Lake Gold Deposit

The Windfall Lake gold deposit is located between Val-d'Or and Chibougamau in the Abitibi region of Québec, Canada. The mineral resource defined by the previous operator comprises 2,762,000 tonnes at 8.42 g/t Au (748.000 ounces) in the indicated category and 3,512,000 tonnes at 7.62 g/t Au (860,000 ounces) in the inferred category (sourced from a technical report dated June 10, 2015 entitled "Preliminary Economic Assessment of the Windfall Lake Gold Property, Québec, Canada" with an effective date of April 28, 2015, prepared in accordance with NI 43-101). The Windfall Lake gold deposit is currently one of the highest grade resource-stage gold projects in Canada. The bulk of the mineralization occurs in the Main Zone, a southwest/northeast trending zone of stacked mineralized lenses, measuring approximately 600 metres wide and at least 1,400 metres long. The deposit is well defined from surface to a depth of 500 metres, and remains open along strike and at depth. Mineralization has been identified only 30 metres from surface in some areas and as deep as 870 metres in others, with significant potential to extend mineralization up and down-plunge and at depth.

About Osisko Mining Inc.

Osisko is a mineral exploration company focused on the acquisition, exploration, and development of precious metal resource properties in Canada. Osisko holds a 100% in the high-grade Windfall Lake gold deposit located between Val-d'Or and Chibougamau in Québec and holds a 100% undivided interest in a large area of claims in the surrounding Urban Barry area and nearby Quevillon area (over 3,300 square kilometres), a 100% interest in the Marban project located in the heart of Québec's prolific Abitibi gold mining district, and properties in the Larder Lake Mining Division in northeast Ontario, including the Jonpol and Garrcon deposits on the Garrison property, the Buffonta past producing mine and the Gold Pike mine property. The Corporation also holds interests and options in a number of additional properties in northern Quebec and Ontario. Osisko continues to be well financed with approximately $190 million in cash and investments as of December 31, 2017.

Cautionary Note Regarding Forward-Looking Information

This news release contains "forward-looking information" within the meaning of the applicable Canadian securities legislation that is based on expectations, estimates, projections and interpretations as at the date of this news release. The information in this news release about the Windfall Lake gold deposit being one of the highest grade resource-stage gold projects in Canada; the current 800,000 metre drill program; the significance of new results from the ongoing drill program at the Windfall Lake gold project; the significance of assay results presented in this press release; the type of drilling included in the drill program (definition, expansion and exploration drilling in and around the main Windfall Lake gold deposit and the adjacent Lynx deposit, and exploration drilling on the greater deposit and Urban-Barry project area); potential mineralization; the potential to extend mineralization up and down-plunge and at depth at the Windfall Lake gold deposit; the ability to realize upon any mineralization in a manner that is economic; the ability to complete any proposed exploration activities and the results of such activities, including the continuity or extension of any mineralization; and any other information herein that is not a historical fact may be "forward-looking information". Any statement that involves discussions with respect to predictions, expectations, interpretations, beliefs, plans, projections, objectives, assumptions, future events or performance (often but not always using phrases such as "expects", or "does not expect", "is expected", "interpreted", "management's view", "anticipates" or "does not anticipate", "plans", "budget", "scheduled", "forecasts", "estimates", "believes" or "intends" or variations of such words and phrases or stating that certain actions, events or results "may" or "could", "would", "might" or "will" be taken to occur or be achieved) are not statements of historical fact and may be forward-looking information and are intended to identify forward-looking information. This forward-looking information is based on reasonable assumptions and estimates of management of the Corporation. at the time it was made, involves known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of Osisko to be materially different from any future results, performance or achievements expressed or implied by such forward-looking information. Such factors include, among others, risks relating to the ability of exploration activities (including drill results) to accurately predict mineralization; errors in management's geological modelling; the ability of Osisko to complete further exploration activities, including drilling; property interests in the Windfall Lake gold project; the ability of the Corporation to obtain required approvals and complete transactions on terms announced; the results of exploration activities; risks relating to mining activities; the global economic climate; metal prices; dilution; environmental risks; and community and non-governmental actions. Although the forward-looking information contained in this news release is based upon what management believes, or believed at the time, to be reasonable assumptions. Osisko cannot assure shareholders and prospective purchasers of securities of the Corporation that actual results will be consistent with such forward-looking information, as there may be other factors that cause results not to be as anticipated, estimated or intended, and neither Osisko nor any other person assumes responsibility for the accuracy and completeness of any such forward-looking information, Osisko does not undertake, and assumes no obligation, to update or revise any such forward-looking statements or forward-looking information contained herein to reflect new events or circumstances, except as may be required by law.

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