Osisko Intersects 415 g/t Au Over 5.9 Metres at Lynx

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High-Grade Core Developing at Lynx 4

TORONTO, ONTARIO--(Marketwired - Jan. 23, 2018) - Osisko Mining Inc. (TSX:OSK) ("Osisko" or the "Corporation") i
provide new results from the ongoing drill program at its 100% owned Windfall Lake gold project located in the Abitibi g
belt, Urban Township, Eeyou Istchee James Bay, Québec. The 800,000 metre drill program combines definition, expan
exploration drilling in and around the main Windfall gold deposit and the adjacent Lynx deposit (located immediately NE
Windfall).

Significant new analytical results from 23 intercepts in 17 drill holes focused on infill and expansion drilling in the Lynx d
presented below. Osisko continues to extend the known Lynx zones of mineralization through the application of the Wi
geological model and as the density of drilling increases. The new results appear to demonstrate that the Lynx 4 Zone i
developing a high-grade core similar to the Lynx 1 discovery zone.

- New infill drillholes are delineating a high-grade zone in Lynx 4 between sections 3925E and 4225E
- Lynx 4 demonstrates good continuity along 1350 metres strike between sections 2875E and 4225E.
- New drilling shows the potential extension of Lynx 6 by 725 metres to the south-west.

Highlights from the new results include: 415 g/t Au over 5.9 metres and 19.9 g/t Au over 8.8 metres in OSK-W-17-1166
g/t Au over 4.8 metres in OSK-W-17-1128; 25.1 g/t Au over 4.5 metres in OSK-W-17-1386; 46.3 g/t Au over 2.4 metres
OSK-W-17-909-W4; 26.1 g/t Au over 4.2 metres in OSK-17-W-1156; 42.1 g/t Au over 2.0 metres in OSK-W-17-931; 17
over 4.8 metres in OSK-W-17-1166-W4; 11.8 g/t Au over 5.5 metres in OSK-W-17-958; and 23.4 g/t Au over 2.0 metres
OSK-W-17-1397. 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-17-909-W4	950.0	952.5	2.5	8.96		Lynx 4	Lynx
including	*950.5*	*951.0*	*0.5*	*37.2*			
	1049.6	1052.0	2.4	46.3		Lynx 4	Lynx
OSK-W-17-931	683.0	685.0	2.0	42.1	22.4	Lynx 4	Lynx
including	*683.0*	*683.4*	*0.4*	*199*	*100*		
OSK-W-17-958	1053.0	1058.5	5.5	11.8		Lynx 4	Lynx
including	*1054.0*	*1054.3*	*0.3*	*68.7*			
including	*1057.9*	*1058.5*	*0.6*	*53.5*			
OSK-W-17-1054	86.0	88.0	2.0	12.9		Lynx 1	Lynx
including	*86.4*	*87.0*	*0.6*	*42.6*			
OSK-W-17-1117	86.9	89.0	2.1	4.76		Lynx 2	Lynx
including	*86.9*	*87.5*	*0.6*	*16*			
OSK-W-17-1128	466.2	471.0	4.8	43.7	22.7	Lynx 2	Lynx
including	*470.2*	*471.0*	*0.8*	*226*	*100*		
OSK-W-17-1156	520.8	525.0	4.2	26.1	25.0	Lynx HW	Lynx
including	*521.1*	*522.2*	*1.1*	*92.2*	*88.2*		
OSK-W-17-1166-W1	997.7	1006.5	8.8	19.9	12.5	Lynx 4	Lynx
including	*1005.4*	*1005.7*	*0.3*	*317*	*100*		
	1012.0	1014.1	2.1	15.0		Lynx 4	Lynx
including	*1013.5*	*1014.1*	*0.6*	*49.6*			
	1027.0	1032.9	5.9	415	69.6	Lynx 4	Lynx
Including	1027.0	1027.8	0.8	68.8			
Including	*1028.4*	*1029.3*	*0.9*	*1870*	*100*		
Including	*1029.3*	*1030.3*	*1.0*	*126*	*100*		
Including	*1031.3*	*1032.0*	*0.7*	*271*	*100*		
Including	*1032.0*	*1032.9*	*0.9*	*431*	*100*		
OSK-W-17-1166-W4	1079.7	1084.5	4.8	17.4		Lynx 4	Lynx
including	*1081.0*	*1081.5*	*0.5*	*58.4*			
including	*1084.0*	*1084.5*	*0.5*	*52.0*			
OSK-W-17-1190	998.0	1000.0	2.0	13.6		Lynx 6	Lynx
OSK-W-17-1199	172.1	174.1	2.0	3.68		Lynx 3	Lynx

OSK-W-17-1242-W1	607.0	609.0	2.0	9.36		Lynx HW	Lynx
including	*608.2*	*609.0*	*0.8*	*21.9*			
OSK-W-17-1265	415.8	418.5	2.7	3.19		Lynx 4	Lynx
OSK-W-17-1343-W2	864.8	867.0	2.2	5.79		Lynx 4	Lynx
	879.0	881.0	2.0	14.2		Lynx 4	Lynx
including	*879.4*	*879.7*	*0.3*	*69.6*			
	1197.9	1200.0	2.1	7.84		Lynx 6	Lynx
including	*1197.9*	*1198.2*	*0.3*	*54.3*			
OSK-W-17-1386	747.5	750.0	2.5	18.1		Lynx 1	Lynx
including	*747.5*	*748.4*	*0.9*	*49.3*			
	771.3	775.8	4.5	25.1	15.1	Lynx 1	Lynx
including	*771.3*	*772.3*	*1.0*	*104*	*58.8*		
OSK-W-17-1397	213.0	215.0	2.0	23.4	21.6	Lynx 2	Lynx
including	*214.1*	*214.4*	*0.3*	*112*	*100*		
OSK-W-17-1399	353.8	359.0	5.2	6.11		VNCR	Lynx
including	*353.8*	*354.4*	*0.6*	*17.0*			
including	*358.0*	*359.0*	*1.0*	*20.2*			

Notes:

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

Hole Number	Azimuth (°)	Dip (°)	Length (m)	UTM E	UTM N	Section
OSK-W-17-909-W4	131	-55	1134	453683	5435677	4125
OSK-W-17-931	134	-50	936	453360	5435437	3725
OSK-W-17-958	143	-55	1212	453359	5435439	3725
OSK-W-17-1054	325	-48	363	453282	5435000	3450
OSK-W-17-1117	334	-46	471	453120	5434934	3275
OSK-W-17-1128	129	-53	1419	453272	5435392	3625
OSK-W-17-1156	136	-49	663	453437	5435484	3825
OSK-W-17-1166-W1	132	-59	1516	453621	5435639	4050
OSK-W-17-1166-W4	132	-59	1236	453621	5435639	4050
OSK-W-17-1190	151	-49	1179	452905	5435152	3200
OSK-W-17-1199	333	-53	672	453416	5435073	3600
OSK-W-17-1242-W1	144	-58	1008	453570	5435490	3950
OSK-W-17-1265	334	-53	1074	453083	5434542	3050
OSK-W-17-1343-W2	137	-56	1323	453570	5435490	3950
OSK-W-17-1386	136	-54	998	453800	5435749	4275
OSK-W-17-1397	333	-61	732	453300	5434964	3450
OSK-W-17-1399	332	-61	1053	453411	5434870	3500

OSK-W-17-909-W4 intersected two intervals in Lynx 4: 8.96 g/t Au over 2.5 metres and 46.3 g/t Au over 2.4 metres. Th
interval is composed of up to 10% irregular pyrite stringers at a sericitized contact between a gabbro and a rhyolite. The
interval is composed of 3% interstitial pyrite in silica flooding within strongly sericitized andesite.

OSK-W-17-931 intersected 42.1 g/t Au over 2.0 metres in Lynx 4. Mineralization is composed of 5% disseminated pyrit
pyrite-tourmaline stringers and trace of pyrite-silica flooding within a strongly sericitized rhyolite.

OSK-W-17-958 intersected 11.8 g/t Au over 5.5 metres in Lynx 4. Mineralization is composed of 5% disseminated pyrit
pyrite-sphalerite stringers. Two low angle smoky quartz veins have local visible gold. The host rhyolite is strongly silicifi
sericitized.

OSK-W-17-1054 intersected 12.9 g/t Au over 2.0 metres in Lynx 1. Mineralization is composed of 1% pyrite stringers w

chloritized shear zone.

OSK-W-17-1117 intersected 4.76 g/t Au over 2.1 metres in Lynx 2. Mineralization is composed of 8% pyrite-silica floodi pyrite stringers within a strongly silicified fragmental felsic dike.

OSK-W-17-1028 intersected 43.7 g/t Au over 4.8 metres in Lynx 2. Mineralization is composed of 2% pyrite stringers ar visible gold at the contact between a rhyolite and a gabbro. Silica, sericite and fuchsite alteration is pervasive in the rhy

OSK-W-17-1156 intersected Lynx HW returning 26.1 g/t Au over 4.2 metres. Mineralization is composed of 5% pyrite s 2% disseminated pyrite. Local visible gold, electrum and chalcopyrite are disseminated at the strongly silicified and fuch contact between the gabbro and felsic intrusion.

OSK-W-17-1166-W1 intersected three intervals in Lynx 4: 19.9 g/t Au over 8.8 metres, 15.0 g/t Au over 2.1 metres and over 5.9 metres. The first interval is composed of 2% pyrite stringers and 1% ptygmatic tourmaline veins within a strong porphyritic felsic dike. Local visible gold is associated with pyrite-silica flooding. The second interval is composed of up silica flooding and 1% pyrite clusters within a strongly silicified, carbonatized and fuchsitized porphyric felsic dike. The I includes four high grade sub-intervals with up to 25% disseminated pyrite, up to 7% pyrite stringers and pyrite-tourmalin The mineralization is hosted in a strongly silicified rhyolite.

OSK-W-17-1166-W4 intersected 17.4 g/t Au over 4.8 metres in Lynx 4. Mineralization is composed of up to 7% dissem pyrite. Local visible gold is within a low angle smoky quartz vein hosted in a strongly sericitized and silicified rhyolite. Th extends Lynx 4 by 85 metres vertically under OSK-W-17-1166-W1 (this press release).

OSK-W-17-1190 intersected 13.6 g/t Au over 2.0 metres in Lynx 6. Mineralization is composed of 2% pyrite clusters an stringers within a chloritized andesite. The interval is 725 metres up plunge and south-west of OSK-W-17-1343-W3 (thi release).

OSK-W-17-1199 intersected 3.68 g/t Au over 2.0 metres. Mineralization is composed of pyrite-silica flooding and quartz within a chloritized fragmental felsic dike.

OSK-W-17-1242-W1 intersected 9.36 g/t Au over 2.0 metres in Lynx HW. Mineralization is composed of 1% disseminat clustered pyrite at the contact between a gabbro and a porphyritic felsic dike.

OSK-W-17-1265 intersected 3.19 g/t Au over 2.7 metres in Lynx 4. Mineralization is at the contact between a rhyolite a dike and composed of 1% pyrite stringers with strong sericite alteration.

OSK-W-17-1343-W2 intersected three intervals: 5.79 g/t Au over 2.2 metres and 14.2 g/t Au over 2.0 metres in Lynx 4 Au over 2.1 metres in Lynx 6. The first interval is composed of up to 10% pyrite clusters and silica-carbonates-tourmalin within a moderately silicified and sericitized rhyolite. The second interval is composed of 10% pyrite-silica flooding withi sericitized rhyolite. The last interval is composed of local visible gold, 3% disseminated pyrite and 2% pyrite clusters wi chloritized and silicified rhyolite. This interval extends Lynx 6 by 50 meters vertically under OSK-W-17-1128 (14.0 g/t Au metres previously reported October 12, 2017).

OSK-W-17-1386 intersected two intervals in Lynx 1: 18.1 g/t Au over 2.5 metres and 25.1 g/t Au over 4.5 metres. The f is composed of up to 3% pyrite clusters, 1% quartz-tourmaline veins and 1% disseminated pyrite. Mineralization is host sericitized and fuchsitized gabbro. The second interval is at the contact between a gabbro and a felsic dike. Mineralizat composed of 3% pyrite clusters, 3% pyrite-silica flooding and 1% pyrite stockwork.

OSK-W-17-1397 intersected Lynx 2 returning 23.4 g/t Au over 2.0 metres. Mineralization is composed of up to 10% pyr flooding, 2% disseminated pyrite and local visible gold within a fuchsite and sericite altered rhyolite.

OSK-W-17-1399 intersected 6.11 g/t Au over 5.2 metres in Lynx 1. Mineralization is composed of up to 10% pyrite strin 5% pyrite clusters associated with 30% quartz crustiform veins injected in a weak fuchsite altered gabbro.

Qualified Person

The scientific and technical content of this news release has been reviewed, prepared and approved by Mr. Louis Gren P.Geo. (OGQ 800), Project Manager of the Windfall Lake gold project, who is a "Qualified Person" as defined by Natio 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 except where indicated. Intercepts occur within geological confines of major zones but have not been correlated to indi domains at this time. Reported intervals include minimum weighted averages of 3.0 g/t Au diluted over core lengths of a metres. All NQ core assays reported were obtained by either 1-kilogram screen fire assay or standard 50-gram fire-ass finish or gravimetric finish at ALS Laboratories in Val d'Or, Québec, Thunder Bay and Sudbury, Ontario or Vancouver, B Colombia or Bureau Veritas in Timmins, Ontario. The 1-kilogram screen assay method is selected by the geologist whe contain coarse gold or present a higher percentage of pyrite than surrounding intervals. Selected samples are also ana multi-elements, including silver, using an Aqua Regia-ICP-AES method at ALS Laboratories. Drill program design, Qua Assurance/Quality Control ("QA/QC") and interpretation of results is performed by qualified persons employing a QA/Q consistent with NI 43-101 and industry best practices. Standards and blanks are included with every 20 samples for QA purposes by the Corporation as well as the lab. Approximately 5% of sample pulps are sent to secondary laboratories f 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. mineral resource defined by the previous operator comprises 2,762,000 tonnes at 8.42 g/t Au (748.000 ounces) in the i category and 3,512,000 tonnes at 7.62 g/t Au (860,000 ounces) in the inferred category (sourced from a technical repo June 10, 2015 entitled "Preliminary Economic Assessment of the Windfall Lake Gold Property, Québec, Canada" with a date of April 28, 2015, prepared in accordance with NI 43-101). The Windfall Lake gold deposit is currently one of the h resource-stage gold projects in Canada. The bulk of the mineralization occurs in the Main Zone, a southwest/northeast zone of stacked mineralized lenses, measuring approximately 600 metres wide and at least 1.400 metres long. The dep defined from surface to a depth of 500 metres, and remains open along strike and at depth. Mineralization has been ide 30 metres from surface in some areas and as deep as 870 metres in others, with significant potential to extend mineral 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 re 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 nearby Quevillon area (over 3,300 square kilometres), a 100% interest in the Marban project located in the heart of Que prolific Abitibi gold mining district, and properties in the Larder Lake Mining Division in northeast Ontario, including the J Garrcon deposits on the Garrison property, the Buffonta past producing mine and the Gold Pike mine property. The Co also holds interests and options in a number of additional properties in northern Quebec and Ontario. Osisko continues financed with approximately $190 million in cash and investments.

Cautionary Note Regarding Forward-Looking Information

This news release contains "forward-looking information" within the meaning of the applicable Canadian securities legis based on expectations, estimates, projections and interpretations as at the date of this news release. The information i release about the Windfall Lake gold deposit being one of the highest grade resource-stage gold projects in Canada; th 800,000 metre drill program; the significance of new results from the ongoing drill program at the Windfall Lake gold pro significance of assay results presented in this press release; the high-grade core developing at Lynx 4; the type of drilli in the drill program (definition drilling, expansion drilling to the NE of the main deposit and adjacent Lynx deposit, and e drilling on the greater deposit and Urban-Barry project area); potential mineralization; the potential to extend mineraliza down-plunge and at depth at the Windfall Lake gold deposit; the ability to realize upon any mineralization in a manner t economic; the ability to complete any proposed exploration activities and the results of such activities, including the con extension of any mineralization; and any other information herein that is not a historical fact may be "forward-looking in Any statement that involves discussions with respect to predictions, expectations, interpretations, beliefs, plans, project objectives, assumptions, future events or performance (often but not always using phrases such as "expects", or "does "is expected", "interpreted", "management's view", "anticipates" or "does not anticipate", "plans", "budget", "scheduled",

"estimates", "believes" or "intends" or variations of such words and phrases or stating that certain actions, events or res 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 reasonable assumptions and estimates of management of the Corporation. at the time it was made, involves known an risks, uncertainties and other factors which may cause the actual results, performance or achievements of Osisko to be different from any future results, performance or achievements expressed or implied by such forward-looking informatio factors include, among others, risks relating to the ability of exploration activities (including drill results) to accurately pr mineralization; errors in management's geological modelling; the ability of Osisko to complete further exploration activit including drilling; property interests in the Windfall Lake gold project; the ability of the Corporation to obtain required ap complete transactions on terms announced; the results of exploration activities; risks relating to mining activities; the gl economic climate; metal prices; dilution; environmental risks; and community and non-governmental actions. Although forward-looking information contained in this news release is based upon what management believes, or believed at th reasonable assumptions. Osisko cannot assure shareholders and prospective purchasers of securities of the Corporati actual results will be consistent with such forward-looking information, as there may be other factors that cause results anticipated, estimated or intended, and neither Osisko nor any other person assumes responsibility for the accuracy an completeness of any such forward-looking information, Osisko does not undertake, and assumes no obligation, to upda any such forward-looking statements or forward-looking information contained herein to reflect new events or circumsta except as may be required by law.

Contact

John Burzynski
President and Chief Executive Officer
416) 363-8653