Osisko Intersects 114 g/t Au Over 2.8 Metres at Osborne-Bell

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TORONTO, Sept. 03, 2019 - Osisko Mining Inc. (OSK:TSX. "Osisko" or the "Corporation") is pleased to provide new results from the infill drill program at its 100% owned Osborne-Bell gold deposit located 15 kilometres northwest of the town of Lebel-sur-Quévillon, Québec. The 50,000-metre program focused on infill drilling at the Osborne-Bell deposit as part of the overall Windfall definition drilling program. Osborne-Bell remains open at depth with good potential for further expansion, and additional exploration drilling is being planned for 2020.

Significant new analytical results from 71 intercepts in 47 infill drill holes are presented below. Highlights from the new results include: 114 g/t Au over 2.8 metres in OSK-OB-19- 109; 51.5 g/t Au over 2.8 metres in OSK-OB-19-212; 35.3 g/t Au over 2.7 metres in OSK-OB-192; 9.49 g/t Au over 7.6 metres in OSK-OB-19-131; and 9.60 g/t Au over 4.8 metres in OSK-OB-19-137. Maps showing hole locations and full analytical results are available at www.osiskomining.com.

Drill Hole	From (m)	To (m)	Length (m)	Au (g/t) uncut	Au (g/t) cut to 100 g/t	Type	Mineralized Zone
OSK-OB-18-092	40.0	43.2	3.2	7.78		Infill	3-653
including	*42.9*	*43.2*	*0.3*	*59.4*		Infill	
OSK-OB-18-092	111.5	113.5	2.0	3.37		Infill	3-652
OSK-OB-18-092	132.3	134.5	2.2	10.4		Infill	New
including	*132.8*	*133.2*	*0.4*	*43.0*		Infill	
OSK-OB-18-094	165.5	168.5	3.0	5.55		Infill	3-653
including	*167.0*	*168.5*	*1.5*	*10.6*		Infill	
OSK-OB-18-094	180.5	182.5	2.0	9.25		Infill	3-652
including	*181.6*	*182.2*	*0.6*	*23.0*		Infill	
OSK-OB-18-095	121.2	124.0	2.8	5.04		Infill	3-551
including	*121.2*	*121.9*	*0.7*	*18.1*		Infill	
OSK-OB-18-100	233.2	235.8	2.6	3.41		Infill	3-551
including	*234.0*	*234.3*	*0.3*	*25.1*		Infill	
OSK-OB-18-103	203.6	205.6	2.0	6.93		Infill	2-652
including	*204.6*	*204.9*	*0.3*	*39.3*		Infill	
OSK-OB-19-105	18.0	21.0	3.0	4.47		Infill	New
including	*18.0*	*18.3*	*0.3*	*41.4*		Infill	
OSK-OB-19-105	130.9	133.3	2.4	3.71		Infill	3-651
including	*130.9*	*131.4*	*0.5*	*16.0*		Infill	
OSK-OB-19-106	23.7	25.7	2.0	4.82		Infill	3-552
including	*23.7*	*24.0*	*0.3*	*16.9*		Infill	
OSK-OB-19-109	282.4	286.2	2.8	114	30.7	Infill	3-652
including	*284.4*	*285.2*	*0.8*	*392*	*100*	Infill	
OSK-OB-19-110	92.0	94.0	2.0	3.16		Infill	1-651
OSK-OB-19-110	224.8	226.8	2.0	3.63		Infill	1-550
OSK-OB-19-113	46.7	48.9	2.2	15.9		Infill	1-653
including	*46.7*	*48.1*	*1.4*	*24.8*		Infill	
OSK-OB-19-117	38.9	41.0	2.1	6.38		Infill	1-651
including	*39.4*	*39.7*	*0.3*	*38.6*		Infill	

OSK-OB-19-119	89.6	91.7	2.1	34.8	Infill	New
including	*90.6*	*91.3*	*0.7*	*94.2*	Infill	
OSK-OB-19-120	150.4	153.4	3.0	5.10	Infill	1-652
including	*150.4*	*151.0*	*0.6*	*23.8*	Infill	
OSK-OB-19-122	80.1	82.2	2.1	3.25	Infill	1-653
including	*81.8*	*82.2*	*0.4*	*11.8*	Infill	
OSK-OB-19-125	209.1	211.1	2.0	4.27	Infill	2-652
including	*210.1*	*211.1*	*1.0*	*7.95*	Infill	
OSK-OB-19-129	328.1	330.5	2.4	4.36	Infill	2-650
including	*328.1*	*329.0*	*0.9*	*9.85*	Infill	
OSK-OB-19-131	266.4	274	7.6	9.49	Infill	
including	*266.7*	*267.1*	*0.4*	*82.8*	Infill	2-652
and	*270.2*	*271.0*	*0.8*	*20.0*	Infill	
and	*272.3*	*273.1*	*0.8*	*19.1*	Infill	
OSK-OB-19-131	335.0	337.9	2.9	4.16	Infill	2-651
OSK-OB-19-131	351.7	357.4	5.7	5.31	Infill	2-650
including	*351.7*	*355.0*	*3.3*	*8.03*	Infill	
OSK-OB-19-132	77.8	80.0	2.2	3.07	Infill	New
OSK-OB-19-132	252.5	254.9	2.4	5.61	Infill	
including	*254.6*	*254.9*	*0.3*	*16.5*	Infill	2-652
OSK-OB-19-137	96.2	101.0	4.8	9.60	Infill	
OSK-OB-19-138	295.1	297.1	2.0	7.94	Infill	3-551
including	*295.1*	*295.5*	*0.4*	*37.7*	Infill	
OSK-OB-19-138	360.5	365.0	4.5	7.36	Infill	3-652
OSK-OB-19-144	39.3	42.0	2.7	8.30	Infill	1-652
including	*40.2*	*41.0*	*0.8*	*12.0*	Infill	
OSK-OB-19-144	118.0	120.3	2.3	3.51	Infill	1-551
including	*118.3*	*119.0*	*0.7*	*8.72*	Infill	
OSK-OB-19-144	166.3	168.5	2.2	4.57	Infill	1-651
including	*166.3*	*167.0*	*0.7*	*12.4*	Infill	
OSK-OB-19-144	183.3	185.6	2.3	5.10	Infill	1-651
including	*185.1*	*185.6*	*0.5*	*21.0*	Infill	
OSK-OB-19-145	119.5	123.0	3.5	5.93	Infill	1-653
including	*120.5*	*121.0*	*0.5*	*24.7*	Infill	
OSK-OB-19-146	71.5	74.1	2.6	10.2	Infill	1-551
including	*73.5*	*74.1*	*0.6*	*40.1*	Infill	
OSK-OB-19-151	41.2	43.4	2.2	13.4	Infill	1-652
including	*41.2*	*41.8*	*0.6*	*40.3*	Infill	
OSK-OB-19-151	123.4	126.0	2.6	10.5	Infill	New
including	123.4	124.2	0.8	25.5	Infill	
OSK-OB-19-151	137.3	139.5	2.2	23.7	Infill	1-651
including	138.9	139.5	0.6	49.0	Infill	
OSK-OB-19-155	191.0	194.2	3.2	6.48	Infill	3-551
OSK-OB-19-156	21.0	23.5	2.5	3.55	Infill	New
OSK-OB-19-159	542.0	544.0	2.0	3.82	Infill	3-653
OSK-OB-19-160	108.0	110.1	2.1	3.80	Infill	1-653
including	*109.0*	*109.6*	*0.6*	*12.6*	Infill	
OSK-OB-19-161	288.7	290.7	2.0	5.76	Infill	New
including	*289.7*	*290.7*	*1.0*	*11.3*	Infill	
OSK-OB-19-162	328.5	330.6	2.1	3.84	Infill	3-552
including	*329.9*	*330.6*	*0.7*	*10.2*	Infill	

OSK-OB-19-162	362.7	365.3	2.6	12.0		Infill	3-653
including	*363*	*363.5*	*0.5*	*61.0*		Infill	
OSK-OB-19-162	369.3	371.8	2.5	6.89		Infill	3-653
including	*369.9*	*370.8*	*0.9*	*17.8*		Infill	
OSK-OB-19-164	171.1	173.1	2.0	5.74		Infill	New
including	*172.1*	*172.6*	*0.5*	*21.9*		Infill	
OSK-OB-19-170	95.4	97.6	2.2	3.02		Infill	1-653
including	*96.3*	*96.9*	*0.6*	*10.7*		Infill	
OSK-OB-19-171	48.6	51.0	2.4	11.0		Infill	3-652
including	*48.6*	*49.0*	*0.4*	*64.5*		Infill	
OSK-OB-19-175	214.3	218.0	3.7	8.54		Infill	2-652
including	*214.3*	*215.4*	*1.1*	*23.8*		Infill	
OSK-OB-19-176	379.4	382.0	2.6	6.47		Infill	3-653
including	*379.4*	*380.0*	*0.6*	*25.1*		Infill	
OSK-OB-19-178	94.2	96.2	2.0	8.20		Infill	3-653
including	*94.7*	*95.4*	*0.7*	*23.1*		Infill	
OSK-OB-19-180	414.5	416.5	2.0	6.00		Infill	New
including	*416.2*	*416.5*	*0.3*	*35.1*		Infill	
OSK-OB-19-182	93.0	95.0	2.0	3.77		Infill	3-653
OSK-OB-19-186	311.8	313.8	2.0	3.10		Infill	3-551
including	*312.8*	*313.2*	*0.4*	*10.9*		Infill	
OSK-OB-19-191	291.7	294.0	2.3	4.55		Infill	3-654
including	*292.0*	*292.7*	*0.7*	*13.2*		Infill	
OSK-OB-19-192	374.9	377.6	2.7	35.3	23.3	Infill	3-551
including	375.7	376.1	0.4	180	100	Infill	
OSK-OB-19-192	415.0	418.0	3.0	9.70		Infill	3-653
including	*416.1*	*416.8*	*0.7*	*34.8*		Infill	
OSK-OB-19-194	249.0	251.0	2.0	3.03		Infill	New
OSK-OB-19-194	261.9	265.7	3.8	3.23		Infill	3-552
including	*261.9*	*262.2*	*0.3*	*34.0*		Infill	
OSK-OB-19-194	339.2	342.0	2.8	3.46		Infill	3-650
including	*340.0*	*341.1*	*1.1*	*7.71*		Infill	
OSK-OB-19-196	217.1	219.3	2.2	3.23		Infill	3-552
including	218.7	219.3	0.6	9.58		Infill	
OSK-OB-19-196	223.8	226.3	2.5	13.0		Infill	3-552
OSK-OB-19-196	228.7	231.8	3.1	3.16		Infill	3-552
including	*228.7*	*229.0*	*0.3*	*12.3*		Infill	
OSK-OB-19-196	244.2	248.0	3.8	3.06		Infill	3-551
including	246.8	247.1	0.3	17.4		Infill	
OSK-OB-19-201	375.1	377.2	2.1	8.00		Infill	3-551
including	*375.1*	*376.2*	*1.1*	*14.7*		Infill	
OSK-OB-19-204	323.5	325.5	2.0	7.70		Infill	3-552
including	324.5	325.5	1.0	15.0		Infill	
OSK-OB-19-212	237.2	240.7	3.5	3.34		Infill	3-552
including	237.2	237.7	0.5	11.9		Infill	
OSK-OB-19-212	260.7	267.7	7.0	3.62		Infill	3-552
including	*260.7*	*261.7*	*1.0*	*21.4*		Infill	
OSK-OB-19-212	310.3	313.1	2.8	51.5	22.6	Infill	3-653
including	*310.3*	*310.9*	*0.6*	*235*	*100*	Infill	
OSK-OB-19-213	295.0	297.0	2.0	10.7		Infill	3-551
including	295.0	296.0	1.0	20.3		Infill	

Drill Hole	Azimuth (°)	Dip (°)	Hole Length (m)	UTM E	UTM N	Section
OSK-OB-18-092	186.6	-45.1	135	341231	5444068	2200
OSK-OB-18-094	191.8	-45.8	237	341399	5444051	2375
OSK-OB-18-095	192.5	-45.0	254	341315	5444119	2275
OSK-OB-18-100	193.7	-45.3	261	341564	5444064	2525
OSK-OB-18-103	198.2	-49.0	221	341216	5444136	2175
OSK-OB-19-105	197.3	-47.8	135	341448	5443963	2450
OSK-OB-19-106	194.9	-45.0	132	341470	5443930	2475
OSK-OB-19-109	192.3	-47.4	297	341247	5444210	2175
OSK-OB-19-110	193.5	-51.5	303	340670	5444222	1625
OSK-OB-19-113	19.6	-46.8	101	340918	5444078	1900
OSK-OB-19-117	193.5	-45.0	86	340724	5444158	1700
OSK-OB-19-119	193.8	-45.8	92	340695	5444371	1600
OSK-OB-19-120	194.4	-59.7	251	340570	5444500	1450
OSK-OB-19-122	200.5	-59.6	110	340607	5444458	1500
OSK-OB-19-125	193.8	-51.0	236	341104	5444163	2050
OSK-OB-19-129	185.1	-50.5	371	341106	5444186	2050
OSK-OB-19-131	192.1	-49.5	418	341137	5444214	2075
OSK-OB-19-132	185.0	-50.0	407	341067	5444223	2000
OSK-OB-19-137	186.9	-46.0	277	341050	5444092	2025
OSK-OB-19-138	193.3	-53.0	416	341342	5444237	2275
OSK-OB-19-144	209.5	-52.7	247	340877	5444157	1850
OSK-OB-19-145	192.7	-49.3	358	340775	5444340	1700
OSK-OB-19-146	203.5	-45.0	208	340864	5444140	1825
OSK-OB-19-151	194.2	-54.2	173	340810	5444186	1775
OSK-OB-19-155	199.4	-54.2	270	341326	5444146	2275
OSK-OB-19-156	194.9	-60.6	111	340540	5444476	1425
OSK-OB-19-159	183.4	-53.3	612	341329	5444403	2200
OSK-OB-19-160	193.8	-60.4	144	340527	5444519	1400
OSK-OB-19-161	192.8	-51.1	299	341885	5443933	2875
OSK-OB-19-162	188.0	-53.4	414	341496	5444173	2425
OSK-OB-19-164	193.7	-61.3	210	340542	5444543	1400
OSK-OB-19-170	253.8	-50.0	156	340637	5444451	1525
OSK-OB-19-171	196.6	-52.0	75	341238	5444025	2225
OSK-OB-19-175	209.9	55.2	240	341250	5444123	2200
OSK-OB-19-176	184.5	-55.8	407	341496	5444174	2425
OSK-OB-19-178	196.6	-53.5	168	341269	5444081	2225
OSK-OB-19-180	183.6	-58.8	438	341496	5444176	2425
OSK-OB-19-182	195.0	-54.0	116	341899	5443811	2925
OSK-OB-19-186	200.1	-59.9	333	341573	5444083	2525
OSK-OB-19-191	198.0	-66.0	383	341573	5444083	2525
OSK-OB-19-192	187.5	-59.1	432	341497	5444176	2425
OSK-OB-19-194	187.9	-49.8	356	341527	5444095	2275
OSK-OB-19-196	189.5	-50.5	285	341512	5444080	2475
OSK-OB-19-201	189.4	-50.6	469	341443	5444262	2350
OSK-OB-19-204	182.2	-53.4	419	341455	5444178	2400
OSK-OB-19-212	184.9	-56.2	380	341467	5444113	2425
OSK-OB-19-213	189.9	-53.4	370	341378	5444214	2300

OSK-OB-18-092 intersected 7.78 g/t Au over 3.2 metres in zone 3-653. Mineralization is hosted in a chlorite altered andesite unit and consists of up to 2% pyrite stringers and 1% clustered chalcopyrite oriented parallel

to the main fabric orientation. A second interval returned 3.37 g/t Au over 2.0 metres in zone 3-652, Mineralization is hosted in a sericite and silica altered quartz-phyric rhyodacite and up to 1% clustered pyrite oriented parallel to the main fabric orientation. A third interval returned 10.4 g/t Au over 2.2 metres. This mineralized interval does not correspond to a known zone. Mineralization is hosted in a silica and chlorite altered quartz-phyric rhyodacite unit with up to 2% pyrite stringers and traces of chalcopyrite clusters oriented parallel to the main fabric orientation.

OSK-OB-18-094 intersected 5.55 g/t Au over 3.0 metres in zone 3-653. Mineralization is hosted in a sericite and silica altered quartz-phyric rhyodacite unit and consists of up to 1% clustered pyrite and traces of pyrite stringers oriented parallel to the main fabric orientation. A second interval returned 9.25 g/t Au over 2.0 metres in zone 3-652. Mineralization consists of 5% pyrite stringers and 1% disseminated pyrite in a sericite altered zone within quartz-pyrite veinlets hosted in a quartz-phyric rhyodacite unit.

OSK-OB-18-095 intersected 5.04 g/t Au over 2.8 metres in zone 3-551. Mineralization is hosted in a chlorite-biotite-carbonate altered andesite unit and consists of traces of chalcopyrite and pyrite stringers oriented parallel to the main fabric orientation.

OSK-OB-18-100 intersected 3.41 g/t Au over 2.6 metres in zone 3-551. Mineralization is hosted within a sericite and hematite altered quartz-phyric rhyodacite and consists of 3 to 5% pyrite and traces of disseminated and stringer-style chalcopyrite associated with chlorite-silica altered veinlets parallel to the main fabric orientation.

OSK-OB-18-103 intersected 6.93 g/t Au over 2.0 metres in zone 2-652. Mineralization is hosted in a sericite-biotite-chlorite altered quartz-phyric rhyodacite unit and consists of up to 3% pyrite, 1% disseminated chalcopyrite, and local visible gold in chlorite-pyrite veinlets.

OSK-OB-19-105 intersected 4.47 g/t Au over 3.0 metres. This mineralized interval does not correspond to a known zone. Mineralization is hosted within a chlorite-biotite altered andesite with up to 1% disseminated pyrite in chlorite-pyrite veins or pyrite stringers oriented parallel to the main fabric orientation. A second interval returned 3.71 g/t Au over 2.4 metres in zone 3-651. Mineralization consists of up to 2% pyrite mainly as local stringers and disseminated within a biotite-sericite-chlorite altered aphyric rhyodacite.

OSK-OB-19-106 intersected 4.82 g/t Au over 2.0 metres in zone 3-552. Mineralization consists of up to 3% pyrite as cm-thick stringers, chlorite-pyrite veins, and disseminated with minor pyrrhotite parallel to the main fabric orientation. Mineralization is hosted within a sericite and chlorite altered andesite unit.

OSK-OB-19-109 intersected 114 g/t Au over 2.8 metres in zone 3-652. Mineralization is hosted within a quartz-phyric rhyodacite characterized by a moderate chlorite, biotite and carbonate alteration. Mineralization consists of an average of 5% disseminated pyrite, and up to 15% disseminated pyrite-sphalerite and stringers on a 0.8 metre interval. Local visible gold was observed in the pyrite-sphalerite stringers. Local chlorite-pyrite veins also carry up to 1% finely disseminated pyrite.

OSK-OB-19-110 intersected 3.16 g/t Au over 2.0 metres in zone 1-651. Mineralization consists of up to 2% disseminated pyrite hosted within a quartz-feldspar-phyric rhyodacite showing moderate patchy biotite and chlorite alteration. A second interval returned 3.63 g/t Au over 2.0 metres in zone 1-550. Mineralization is hosted in a chlorite-biotite-sericite altered andesite unit and consists of 3% disseminated pyrite oriented parallel to the main fabric orientation.

OSK-OB-19-113 intersected 15.9 g/t Au over 2.2 metres in zone 1-653. Mineralization is controlled by a quartz veinlet characterized by chalcopyrite clusters and stringers hosted within a sericite, carbonate, and minor silica altered aphyric rhyodacite containing up to 1% disseminated pyrite.

OSK-OB-19-117 intersected 6.38 g/t Au over 2.1 metres in zone 1-651. Mineralization is hosted within an andesite unit with strong biotite and weak chlorite and sericite alteration. Mineralization consists of up to 5% pyrite stringers, clusters, and dissemination.

OSK-OB-19-119 intersected 34.8 g/t Au over 2.1 metres. This mineralized interval does not correspond to a

known zone. Mineralization is hosted in a biotite and chlorite altered andesite and consists of 1% disseminated pyrite and pyrrhotite orientated parallel to the main fabric orientation.

OSK-OB-19-120 intersected 5.10 g/t Au over 3.0 metres in zone 1-652. Mineralization is hosted within a weakly chlorite-carbonate-sericite-epidote altered andesite with up to 5% disseminated pyrite controlled by the main fabric orientation and associated with chlorite-pyrite veinlets.

OSK-OB-19-122 intersected 3.25 g/t Au over 2.1 metres in zone 1-653. Mineralization is hosted in a chlorite-biotite-carbonate altered andesite unit with up to 3% disseminated and clustered pyrite parallel to the main fabric orientation and pyrite clusters within quartz-chlorite-carbonate veins.

OSK-OB-19-125 intersected 4.27 g/t Au over 2.0 metres in zone 2-652. Mineralization is hosted at the contact between an andesite unit and a quartz-phyric rhyodacite unit moderately altered to chlorite-biotite-silica±sericite±carbonate. Mineralization consists of up to 3% disseminated, clustered, and stringer pyrite affected by the main fabric orientation.

OSK-OB-19-129 intersected 4.36 g/t Au over 2.4 metres in zone 2-650. Mineralization is hosted within a biotite-chlorite-sericite altered andesite and consists of trace to 1% disseminated pyrite.

OSK-OB-19-131 intersected 9.49 g/t Au over 7.6 metres in zone 2-652.This interval is hosted at the contact zone between an aphyric rhyodacite, andesite, and quartz-phyric rhyodacite unit. Felsic units show moderate sericite alteration and intermediate units show weak to moderate sericite-chlorite-biotite alteration. Mineralization consists of up to 5% disseminated or stringer-style pyrite parallel to the main fabric orientation. High-grade samples are associated with metre-scale intervals consisting of up to 1% disseminated and stringer-style sphalerite and chalcopyrite. Local visible gold was observed within the quartz-phyric rhyodacite unit. A second interval returned 4.16 g/t Au over 2.9 metres in zone 2-651. Mineralization is hosted within a sericite and chlorite altered quartz-phyric rhyodacite and consists of traces of clustered pyrite elongated along the main fabric orientation and traces of clustered sphalerite within veinlets. A third interval returned 5.31 g/t Au over 5.7 metres in zone 2-650. Mineralization is hosted within a weakly sericite-silica-chlorite altered andesite unit and consists of up to 15% clustered pyrite and traces of sphalerite parallel and cross-cutting the main fabric orientation.

OSK-OB-19-132 intersected 3.07 g/t Au over 2.2 metres. This mineralized interval does not correspond to any known zone. Mineralization is hosted in a chlorite-carbonate-biotite altered andesite unit and consists of 3% clustered pyrite within a series of 5cm-thick quartz veins. A second interval returned 5.61 g/t Au over 2.4 metres in zone 2-652. Mineralization is hosted within a weakly to moderately sericite-chlorite-carbonate altered quartz-phyric rhyodacite. Mineralization is composed of up to 1% disseminated pyrite parallel to the main fabric orientation and hosted in veinlets.

OSK-OB-19-137 intersected 9.60 g/t Au over 4.8 metres in zone 2-652. Mineralization is hosted within a sericite and chlorite altered quartz-phyric rhyodacite and consists of 1% disseminated pyrite and 1% pyrite stringers associated with chlorite and oriented parallel and locally secant to the main fabric orientation.

OSK-OB-19-138 intersected 7.94 g/t Au over 2.0 metres in zone 3-551. Mineralization is hosted in a chlorite-biotite-sericite altered andesite unit and generally consists of 1% disseminated pyrite and up to 1% disseminated chalcopyrite oriented parallel to the main fabric orientation. The high-grade mineralized interval consists of up to 7% clustered chalcopyrite and pyrite oriented parallel to the main fabric orientation. A second interval returned 7.36 g/t Au over 4.5 metres in zone 3-652. Mineralization is hosted in a sericite-chlorite-silica altered rhyodacite unit and consists of 3% pyrite stringers (0.5-2 cm-thick) associated with traces of disseminated chalcopyrite, and up to 1% disseminated pyrite oriented parallel to the main fabric orientation. The pyrite stringers can be either low core-angled or parallel to the main fabric.

OSK-OB-19-144 intersected 8.30 g/t Au over 2.7 metres in zone 1-652. Mineralization is hosted within a biotite and sericite altered quartz-phyric rhyodacite and consists of up to 1% disseminated pyrite associated with carbonate-chlorite-pyrite veins or pyrite clusters. A second interval returned 3.51 g/t Au over 2.3 metres in zone 1-551, a third interval returned 4.57 g/t Au over 2.2 metres in zone 1-651, and a fourth interval returned 5.10 g/t Au over 2.3 metres in zone 1-651.

OSK-OB-19-145 intersected 5.93 g/t Au over 3.5 metres in zone 1-653. Mineralization is hosted within a

chlorite-biotite-carbonate and potassic-feldspar altered andesite composed of up to 4% clustered pyrite with traces of clustered chalcopyrite within pyrite-chlorite veins and 2-8% disseminated and clustered pyrite parallel to the main fabric orientation.

OSK-OB-19-146 intersected 10.2 g/t Au over 2.6 metres in zone 1-551. Mineralization is hosted in a biotite-sericite-chlorite altered andesite and consists of up to 4% disseminated and clustered pyrite parallel to the main fabric orientation. Local visible gold was observed in smoky quartz-pyrite veinlets cross-cutting the main fabric.

OSK-OB-19-151 intersected 13.4 g/t Au over 2.2 metres in zone 1-652. Mineralization is hosted within a biotite-sericite-chlorite-carbonate altered andesite and consists of up to 2% disseminated pyrite and pyrite stringers oriented parallel to the main fabric orientation. Additionally, local visible gold is observed in chlorite-pyrite veins. A second interval returned 10.5 g/t Au over 2.6 metres. This interval does not correspond to any known zone. Mineralization is hosted within a sericite-biotite-chlorite±silica altered andesite and is composed of up to 4% disseminated pyrite in stringers or within the host rock, and oriented parallel to the main fabric orientation. A third interval returned 23.7 g/t Au over 2.2 metres in zone 1-651. Mineralization is hosted within a biotite-sericite-chlorite-carbonate altered andesite and consists of up to 8% pyrite stringers associated with 15% low core angle and undulating chlorite-pyrite veins. Additionally, up to 2% disseminated pyrite and traces of disseminated chalcopyrite are hosted within veinlets as well as disseminated within the host rock.

OSK-OB-19-155 intersected 6.48 g/t Au over 3.2 metres in zone 3-551. Mineralization is hosted within a hematite-chlorite-sericite-carbonate altered andesite and consists of up to 1% disseminated pyrite within quartz veinlets (first interval), up to 1% clustered pyrite oriented parallel to the main fabric orientation, and up to 1% clustered chalcopyrite and sphalerite within quartz veinlets.

OSK-OB-19-156 intersected 3.55 g/t Au over 2.5 metres. The mineralized interval does not correspond to a known zone. Mineralization is hosted in a chlorite-biotite-sericite altered andesite unit and consists of up to 10% clustered pyrite in a 1.5cm-thick quartz vein.

OSK-OB-19-159 returned 3.82 g/t Au over 2.0 metres in zone 3-653. Mineralization is hosted within a sericite-biotite altered andesite and consists of up to 2% disseminated and clustered pyrite and pyrite stringers associated with traces of chalcopyrite generally oriented parallel to the main fabric orientation.

OSK-OB-19-160 intersected 3.80 g/t over 2.1 metres in zone 1-653. Mineralization is hosted within a sericite-biotite-carbonate-chlorite altered andesite and consists of up to 1% disseminated and clustered pyrite oriented parallel to the main fabric orientation and within folded chlorite-pyrite veins.

OSK-OB-19-161 intersected 5.76 g/t Au over 2.0 metres. This mineralized interval does not correspond to any known zone. Mineralization is found at the contact between a biotite-sericite-chlorite altered andesite and a sericite-chlorite altered quartz-phyric rhyodacite unit. Mineralization consists of up to 2% disseminated, clustered, and stringer-style pyrite, and associated with local chlorite-pyrite veins. The host rock shows a strongly developed schistosity.

OSK-OB-19-162 intersected 3.84 g/t Au over 2.1 metres in zone 3-552. Mineralization is hosted in a sericite-silica-chlorite altered aphyric rhyodacite, composed of up to 2% disseminated pyrite and pyrite stringers oriented parallel to the main fabric orientation, up to 1% pyrite in fine stockwork-like fractures, and locally associated with chlorite-pyrite veinlets. A second interval returned 12.0 g/t Au over 2.6 metres in zone 3-653, and a third interval returned 6.89 g/t Au over 2.5 metres in zone 3-653.

OSK-OB-19-164 intersected 5.74 g/t Au over 2.0 metres. This mineralized interval does not correspond to a known zone. Mineralization is hosted within a chlorite-sericite-biotite altered andesite and consists of up to 3% clustered pyrite oriented parallel to the main fabric orientation and up to 5% pyrite stringers (up to 2cm-thick) with traces of chalcopyrite cross-cutting the main fabric.

OSK-OB-19-170 intersected 3.02 g/t Au over 2.2 metres in zone 1-653. Mineralization is hosted in a chlorite-sericite-biotite altered andesite and consists of up to 4% pyrite stringers oriented parallel to the main fabric orientation.

OSK-OB-19-171 intersected 11.0 g/t Au over 2.4 metres in zone 3-652. Mineralization is hosted within a biotite-chlorite-sericite altered andesite near the contact with a quartz-phyric rhyodacite unit. The interval consists of 1% weakly deformed chalcopyrite-pyrite-pyrrhotite stringers and up to 1% disseminated pyrite within chlorite-carbonate veinlets mostly cross-cutting the main fabric orientation.

OSK-OB-19-175 intersected 8.54 g/t Au over 3.7 metres in zone 2-652. Mineralization is hosted within a sericite-silica-biotite altered fragmental rhyodacite and consists of up to 5% disseminated pyrite and pyrite stringers, traces to 1% disseminated chalcopyrite, and locally disseminated pyrrhotite.

OSK-OB-19-176 intersected 6.47 g/t Au over 2.6 metres in zone 3-653. Mineralization is hosted in a sericite-chlorite-biotite altered aphyric rhyodacite and consists of up to 4% clustered pyrite and 3% clustered chalcopyrite associated with veinlets, and 2% disseminated pyrite oriented parallel to the main fabric orientation.

OSK-OB-19-178 intersected 8.20 g/t Au over 2.0 metres in zone 3-653. Mineralization is hosted in a biotite-chlorite-sericite altered andesite consisting of up to 4% disseminated pyrite in a chlorite-pyrite veinlet.

OSK-OB-19-180 intersected 6.00 g/t Au over 2.0 metres. This mineralized interval does not correspond to a known zone. Mineralization is hosted in a sericite-chlorite altered quartz-phyric rhyodacite and is composed of up to 7% clustered pyrite associated with chlorite-pyrite-carbonate veinlets and 2% disseminated pyrite oriented parallel to the main fabric orientation.

OSK-OB-19-182 intersected 3.77 g/t Au over 2.0 metres in zone 3-653. This intersection is included in a larger interval grading 1% zinc over 32.3 metres with a continuous gold background content over 0.1 g/t Au up to 7.34 g/t Au. Mineralization in hosted within a sericite-silica-chlorite altered quartz-phyric rhyodacite unit with up to 2% sphalerite and 1% pyrite stringers locally cross-cutting the main fabric orientation and disseminated pyrite oriented parallel to the main fabric orientation.

OSK-OB-19-186 intersected 3.10 g/t Au over 2.0 metres in zone 3-551. Mineralization is hosted in a sericite altered aphyric rhyodacite and consists of up to 2% disseminated pyrite and 5% clustered pyrite oriented parallel to the main fabric orientation.

OSK-OB-19-191 intersected 4.55 g/t Au over 2.3 metres in zone 3-654. Mineralization is hosted within a biotite-chlorite-sericite altered andesite and consists of up to 7% disseminated pyrite associated with traces of pyrrhotite oriented parallel to the main fabric orientation.

OSK-OB-19-192 returned 35.3 g/t Au over 2.7 metres in zone 3-551.Mineralization is hosted in a sericite-chlorite altered quartz-phyric rhyodacite and consists of 6% clustered pyrite, 2% chalcopyrite, and traces of sphalerite in folded and low-angled chlorite-carbonate veinlets (1-2 cm-thick). A second interval returned 9.70 g/t Au over 3.0 metres in zone 3-653. Mineralization is hosted in a sericite and chlorite altered quartz-phyric rhyodacite unit and consists of up to 25% clustered pyrite, 5% chalcopyrite stringers, and traces of disseminated sphalerite in cm-thick chlorite veinlets (1-30mm). Veinlets are both parallel and secant to the main fabric orientation.

OSK-OB-19-194 returned 3.03 g/t Au over 2.0 metres. This mineralized interval does not correspond to a known zone. Mineralization is hosted in a sericite and chlorite altered aphyric rhyodacite unit and consists of 2% disseminated pyrite and up to 2% pyrite-chlorite stringers with traces of chalcopyrite oriented parallel to the main fabric orientation. A second interval returned 3.23 g/t Au over 3.8 metres in zone 3-552. Mineralization is hosted in a sericite-chlorite-biotite altered quartz-phyric rhyodacite unit and consists of up to 7% disseminated and clustered pyrite and traces of clustered chalcopyrite oriented parallel to the main fabric orientation. A third interval returned 3.46 g/t Au over 2.8 metres in zone 3-650. Mineralization is hosted in a sericite-chlorite-biotite altered quartz-phyric rhyodacite and consists of 2% disseminated pyrite and traces of sphalerite stringers oriented parallel to the main fabric orientation.

OSK-OB-19-196 returned 3.23 g/t Au over 2.2 metres in zone 3-552. Mineralization is hosted in a sericite and chlorite altered rhyodacite unit and consists of 10% chlorite-pyrite veinlets (1-4 cm-thick) containing approximately 75% pyrite and 1% chalcopyrite. A second interval returned 13.0 g/t Au over 2.5 metres in

zone 3-552, a third interval returned 3.16 g/t Au over 3.1 metres in zone 3-552, and a fourth interval returned 3.06 g/t Au over 3.8 metres in zone 3-551.

OSK-OB-19-201 returned 8.00 g/t Au over 2.1 metres in zone 3-551. Mineralization is hosted in a sericite and silica altered quartz-phyric rhyodacite and consists of up to 1% pyrite stringers in thin smoky quartz veinlets that locally cross-cut the main fabric orientation and traces of sphalerite stringers oriented parallel to the main fabric orientation.

OSK-OB-19-204 returned 7.70 g/t Au over 2.0 metres in zone 3-552. Mineralization is hosted in a sericite and chlorite altered rhyodacite and consists of up to 5% pyrite and chalcopyrite stringers associated with folded chlorite-carbonate veinlets and 1% fine-grained disseminated pyrite oriented parallel to the main fabric orientation.

OSK-OB-19-212 returned 3.34 g/t Au over 3.5 metres in zone 3-552. Mineralization is hosted in a sericite altered and weakly bleached andesite and consists of up to 3% clustered pyrite oriented parallel to the main fabric orientation and traces of pyrite stringers that are secant to the main fabric orientation. A second interval returned 3.62 g/t Au over 7.0 metres in zone 3-552, and a third interval returned 51.5 g/t Au over 2.8 metres in zone 3-653.

OSK-OB-19-213 returned 10.7 g/t Au over 2 metres in zone 3-551. Mineralization is hosted in a biotite and silica altered andesite and consists of 2 to 3% disseminated pyrite and pyrite-chalcopyrite stringers associated with chlorite veinlets. The chlorite veinlets are locally secant to the main fabric orientation.

Qualified Person
The scientific and technical content of this news release has been reviewed, prepared and approved by Mr. Mathieu Savard, P.Geo. (OGQ 510), Vice-President of Exploration, 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 width determination is currently unknown but is estimated at 65-80% of the reported core length interval for the zone. 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 (i) ALS Laboratories in Val d'Or, Québec, Thunder Bay, Ontario, Sudbury, Ontario or Vancouver, British Columbia. 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. All samples are also analyzed for multi-elements, 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.

About the Osborne-Bell Gold Deposit
*The Osborne-Bell gold deposit is located 15 kilometres northwest of the town of Lebel-sur-Quevillon in the Abitibi region of Québec, Canada. The mineral resource defined by Osisko, as disclosed in the Osborne-Bell Technical Report (as defined below), comprises 2,587,000 tonnes at 6.13 g/t Au (510,000 ounces) in the inferred mineral resource. Mineralization occurs in nine (9) individuals mineralized zones:1-551, 1-651, 1-653, 2-650, 2-652, 3-551, 3-552, 3-652, 3-653. All zones comprise sub-vertical lenses following intermediate and felsic volcanic rocks plunging to the northeast. The deposit is well defined from surface to a depth of 300 metres. For details regarding the key assumptions, parameters and methods used to estimate the mineral resources presented in respect of the Osborne-Bell gold project, please see the technical report entitled "Technical Report and Mineral Resource Estimate – Osborne-Bell deposit, Quévillon property " and dated April 23, 2018 (effective date of March 2, 2018), which has been prepared by InnovExplo Inc. from Val-d'Or, Québec (the "Osborne-Bell Technical Report"). The Osborne-Bell Technical Report is available on Osisko's website at www.osiskomining.com and on SEDAR under Osisko's issuer profile at www.sedar.com. For details regarding the PEA refer to "*Preliminary Economic Assessment of the Windfall Lake Project, Lebel-sur-Quévillon, Québec, Canada” and dated August 1, 2018 (effective date of July 12, 2018), has been prepared for Osisko by BBA Inc., InnovExplo Inc., Golder Associates Ltd., WSP Canada Inc. and SNC-Lavalin Stavibel Inc. (the Windfall PEA). The Windfall PEA which includes the Osborne Bell

Deposit is available on SEDAR (www.sedar.com) under Osisko’s issuer profile.

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 in the nearby Quévillon area (over 2,700 square kilometres).

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. 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 news release contains the forward-looking information pertaining to, among other things, the timing and ability of Osisko to file a technical report in respect of this resource estimate; the prospects of the Osborne-Bell gold deposit; the potential for the Osborne-Bell gold deposit being a significant deposit; the potential future mill site for the Windfall Lake gold deposit; the timing and ability of Osisko, if at all, to publish a resource update for Windfall-Lynx; the projected capital expenditures of mining activities at the Osborne-Bell gold deposit; upgrading a inferred mineral resource to a measured mineral resource or indicated mineral resource categories; the significance of historic exploration activities and results. 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 Quévillon project and the Osborne-Bell Gold Deposit; the ability of the Corporation to obtain required approvals; 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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