Osisko Windfall Drilling Continues to Intercept High Grade

24.02.2022 | GlobeNewswire

TORONTO, Feb. 24, 2022 - Osisko Mining Inc. (OSK:TSX. "Osisko" or the "Corporation") is pleased to provide new analytical results from the ongoing drill program at its 100% owned Windfall gold project located in the Abitibi greenstone belt, Urban Township, Eeyou Istchee James Bay, Qu?bec.

Significant new analytical results presented below include 128 intercepts in 54 drill holes (6 from surface, 48 from underground) and 20 wedges. The infill intercepts are located inside defined January 2022 mineral resource estimate ("MRE") blocks (*see Osisko news release dated January 10, 2022*). The expansion intercepts are located outside the January 2022 MRE blocks and either expand resource wireframes or are in a defined zone or corridor but do not yet correlate to a specific wireframe.

Osisko Chief Executive Officer John Burzynski commented: "Today's drill results reinforce Windfall's strong upside. We continue to be successful with our expansion drilling as illustrated by four new intercepts which expand Triple Lynx wireframe 3172 100 meters to the east as well as our headline hole from the Lynx hanging wall area. Infill drilling is continuing to intercept grade and width where anticipated, with the purpose of converting inferred blocks to the measured and indicated categories in support of the feasibility study to be completed later this year."

Selected high-grade intercepts include: 449 g/t Au over 2.3 metres in WST-21-0935; 56.5 g/t Au over 6.9 metres in OSK-W-21-1949-W13; 52.7 g/t Au over 6.5 metres in OSK-W-21-1963-W10; 124 g/t Au over 2.6 metres in OSK-W-21-2601 and 21.8 g/t Au over 8.9 metres in OSK-W-21-2540-W7. Maps showing hole locations and full analytical results are available at www.osiskomining.com.

Infill Drilling

Hole No.	From (m)	To (m)	Interval (m)	Au (g/t) uncut	Au (g/t) cut to 100 g/t	Zone	Corridor
OSK-W-21-1871-W1	498.4	500.4	2.0	13.1		CA2_2225	Caribou
including	499.0	499.4	0.4	65.3			
OSK-W-21-1949-W10	1073.0	1075.6	2.6	42.0	35.2	LX4_3430	Lynx 4
including	1073.8	1074.7	0.9	120	100		
OSK-W-21-1949-W13	1081.5	1088.4	6.9	56.5	37.7	LX4_3404	Lynx 4
including	1081.5	1082.2	0.7	284	100		
OSK-W-21-1949-W15	1095.5	1100.6	5.1	25.3	14.0	LX4_3404	Lynx 4
including	1096.5	1097.0	0.5	216	100		
OSK-W-21-1949-W16	650.0	656.0	6.0	4.20		LXM_3353	Lynx
including	653.7	654.0	0.3	16.2			
	737.6	742.3	4.7	24.1		LXM_3345	Lynx
including	738.1	739.0	0.9	71.3			
OSK-W-21-1963-W10	1317.7	1324.2	6.5	52.7	40.1	LX4_3449	Lynx 4
including	1320.1	1321.1	1.0	182	100		
OSK-W-21-2512-W3	667.4	669.4	2.0	8.09		UDD_4128	Underdog
including	668.3	668.6	0.3	17.5			
	748.0	750.0	2.0	4.74		UDD_4104	Underdog
including	748.0	748.4	0.4	22.0			

	774.0	776.1	2.1	9.36		UDD_4106	Underdog
including	775.7	776.1	0.4	47.0			
OSK-W-21-2531-W3	815.0	817.0	2.0	25.4		UDD_4135	Underdog
	820.3	826.0	5.7	9.27		UDD_4121	Underdog
including	820.3	820.8	0.5	51.4			
OSK-W-21-2544-W1	769.6	776.3	6.7	14.7		TLX_3171	Triple Lynx
including	771.7	772.0	0.3	55.0			
and	772.0	772.5	0.5	69.4			
OSK-W-21-2544-W3	767.3	770.4	3.1	16.7		TLX_3171	Triple Lynx
including	768.0	768.7	0.7	52.2			
OSK-W-21-2578	585.8	588.0	2.2	7.90		UDD_4128	Underdog
including	587.0	587.3	0.3	33.5			
OSK-W-21-2640-W1	649.2	652.0	2.8	4.85		CA2_2262	Caribou
OSK-W-21-2646	1046.4	1054.3	7.9	5.66		TLX_3158	Triple Lynx
including	1047.1	1048.0	0.9	13.8			
WST-21-0708	617.2	619.5	2.3	8.56		LX4_3448	Lynx 4
including	619.2	619.5	0.3	63.6			
WST-21-0878	184.4	186.5	2.1	15.7		TLX_3161	Triple Lynx
including	186.2	186.5	0.3	62.6			
	190.0	192.1	2.1	20.8		TLX_3161	Triple Lynx
including	191.6	192.1	0.5	87.3			
WST-21-0879	367.0	369.1	2.1	7.16		TLX_3167	Triple Lynx
WST-21-0881A	297.6	301.7	4.1	12.3	11.5	LSW_3556	Lynx SW
including	299.0	299.3	0.3	111	100		
WST-21-0883	283.7	286.0	2.3	6.96		LSW_3500	Lynx SW
including	284.8	285.2	0.4	37.8			
WST-21-0894B	305.2	307.4	2.2	42.0	24.7	LSW_3501	Lynx SW
including	306.1	306.5	0.4	195	100		
WST-21-0896	521.7	523.9	2.2	6.87		LX4_3450	Lynx 4
including	522.7	523.0	0.3	49.2			
WST-21-0897A	345.6	351.1	5.5	6.72		TLX_3131	Triple Lynx
including	350.3	351.1	0.8	22.5			
	522.0	524.4	2.4	4.06		LX4_3403	Lynx 4
including	522.0	522.4	0.4	20.7			
	545.0	547.0	2.0	16.9		LX4_3104	Lynx 4
	660.0	662.0	2.0	49.1	26.6	LX4_3448	Lynx 4
including	660.8	661.1	0.3	250	100		
WST-21-0905C	323.0	325.0	2.0	27.9		TLX_3166	Triple Lynx
	464.7	466.8	2.1	7.18		LX4_3450	Lynx 4
including	464.7	465.1	0.4	21.9			
WST-21-0908C	529.5	531.7	2.2	30.3	19.0	LX4_3404	Lynx 4
including	530.0	530.4	0.4	163	100		
	554.3	557.6	3.3	21.5	18.5	LX4_3430	Lynx 4
including	554.3	554.8	0.5	120	100		
WST-21-0911	546.7	549.0	2.3	10.3		LX4_3430	Lynx 4
including	547.6	547.9	0.3	71.1			
WST-21-0912	497.0	499.0	2.0	6.09		LX4_3450	Lynx 4
including	497.4	498.0	0.6	19.8			
WST-21-0914	313.9	315.9	2.0	4.68		LSW_3556	Lynx SW
WST-21-0919	366.3	368.6	2.3	8.97		TLX_3167	Triple Lynx
including	368.0	368.6	0.6	33.6			

	425.6	427.8	2.2	8.84		TLX_3165	Triple Lynx
including	426.0	426.8	0.8	23.7			
WST-21-0924A	44.9	47.0	2.1	16.7		LXM_3303	Lynx
including	45.4	45.9	0.5	67.1			
	64.0	66.1	2.1	42.8	24.6	LXM_3336	Lynx
including	64.0	64.5	0.5	177	100		
WST-21-0927	512.0	514.0	2.0	10.6		LX4_3450	Lynx 4
including	512.6	513.1	0.5	35.0			
	720.7	725.0	4.3	20.7		LX4_3412	Lynx 4
including	723.0	724.0	1.0	50.9			
WST-21-0928	264.4	266.8	2.4	9.03		TLX_3161	Triple Lynx
WST-21-0931	313.3	315.3	2.0	27.4		TLX_3131	Triple Lynx
	527.0	529.0	2.0	13.3		LX4_3450	Lynx 4
including	527.7	528.0	0.3	67.6			
WST-21-0932	204.8	207.8	3.0	49.9	36.8	LHW_3207	Lynx HW
including	207.1	207.8	0.7	156	100		
WST-21-0933A	712.4	716.4	4.0	10.0		LX4_3412	Lynx 4
WST-21-0935	160.7	164.6	3.9	11.4		LXM_3388	Lynx
including	160.7	161.5	0.8	47.6			
WST-21-0936A	338.3	340.5	2.2	4.80		TLX_3133	Triple Lynx
including	339.6	340.5	0.9	11.3			
	436.5	439.5	3.0	3.96		TLX_3165	Triple Lynx
WST-21-0937	96.0	98.2	2.2	5.40		LXM_3371	Lynx
including	97.1	97.5	0.4	29.0			
WST-21-0943	302.8	305.0	2.2	7.80		TLX_3153	Triple Lynx
including	303.7	304.2	0.5	18.2			
WST-21-0946	326.0	330.1	4.1	20.4		TLX_3131	Triple Lynx
including	329.6	330.1	0.5	75.2			
WST-21-0948	454.9	457.0	2.1	5.64		LX4_3416	Lynx 4
WST-21-0957B	260.2	263.0	2.8	6.71		LHW_3203	Lynx HW
including	261.0	261.3	0.3	19.6			
and	261.7	262.0	0.3	14.4			
	276.0	281.0	5.0	4.51		LHW_3215	Lynx HW
including	280.0	281.0	1.0	11.1			
WST-21-0958A	518.6	520.6	2.0	20.1		LX4_3450	Lynx 4
including	518.6	519.3	0.7	57.3			
WST-21-0960	535.0	537.0	2.0	3.85		LX4_3404	Lynx 4
including	536.2	537.0	0.8	8.84			
	563.7	565.8	2.1	11.6		LX4_3430	Lynx 4
including	564.6	565.2	0.6	40.1			
	570.4	572.4	2.0	11.7		LX4_3430	Lynx 4
including	571.0	571.6	0.6	37.3			
WST-21-0962	80.8	83.0	2.2	6.54		LXM_3307	Lynx
including	81.5	81.8	0.3	47.4			
	466.0	468.0	2.0	10.7		LX4_3450	Lynx 4
including	466.6	466.9	0.3	59.3			
WST-21-0963	168.5	170.6	2.1	83.7	47.4	LXM_3388	Lynx
including	169.4	170.0	0.6	227	100		
	468.1	470.1	2.0	10.7		LX4_3430	Lynx 4
including	469.0	469.5	0.5	25.5			
WST-21-0964	336.0	338.0	2.0	9.93		TLX_3131	Triple Lynx

WST-21-0965A	315.0	317.0	2.0	6.74		TLX_3131	Triple Lynx
WST-21-0968	194.2	196.2	2.0	4.64		TLX_3161	Triple Lynx
	217.0	219.0	2.0	4.21		TLX_3169	Triple Lynx
WST-21-0970	173.3	175.3	2.0	19.0		LXM_3388	Lynx
including	173.3	173.7	0.4	94.2			
	261.4	263.4	2.0	11.8		LHW_3224	Lynx HW
including	261.4	261.9	0.5	39.2			
WST-21-0971	58.5	61.0	2.5	5.56		LXM_3339	Lynx
	338.2	341.3	3.1	4.19		TLX_3166	Triple Lynx
WST-21-0979	201.0	203.0	2.0	15.6	15.3	TLX_3184	Triple Lynx
including	202.7	203.0	0.3	103	100		
	231.4	235.6	4.2	5.40		TLX_3161	Triple Lynx
including	231.4	231.7	0.3	48.5			
WST-21-0980	180.5	182.6	2.1	10.1		TLX_3161	Triple Lynx
including	180.5	180.9	0.4	52.6			
	329.0	331.0	2.0	4.37		TLX_3131	Triple Lynx
including	329.8	330.2	0.4	15.9			
WST-21-0981	167.0	169.0	2.0	4.51		TLX_3161	Triple Lynx
WST-21-0983	205.0	207.2	2.2	4.21		TLX_3154	Triple Lynx
including	206.8	207.2	0.4	19.3			
	249.0	251.0	2.0	3.63		TLX_3161	Triple Lynx
WST-21-0987	46.3	48.8	2.5	6.65		TLX_3161	Triple Lynx
WST-21-0993	153.2	155.7	2.5	3.63		TLX_3184	Triple Lynx
including	155.4	155.7	0.3	8.11			
	177.5	180.7	3.2	4.62		TLX_3161	Triple Lynx
including	177.5	177.9	0.4	15.1			
and	180.0	180.7	0.7	11.5			
	215.0	217.0	2.0	4.71		TLX_3175	Triple Lynx
including	216.5	217.0	0.5	11.3			

Notes: True widths are estimated at 55 - 80% of the reported core length interval. See *"Quality Control and Reporting Protocols"* below. CA2 = Caribou, LX4 = Lynx 4, LHW = Lynx Hanging Wall, LXM = Lynx Main, LSW = Lynx Southwest, TLX = Triple Lynx, and UDD = Underdog.

Expansion Drilling

Hole No.	From (m)	To (m)	Interval (m)	Au (g/t) uncut	Au (g/t) cut to 100 g/t	Zone	Corridor
OSK-W-21-1871-W1	864.0	866.0	2.0	16.2		UDD	Underdog
including	864.4	865.0	0.6	53.4			
OSK-W-21-1871-W3	849.0	851.5	2.5	5.51		UDD	Underdog
including	851.0	851.5	0.5	20.5			
OSK-W-21-2512-W2	539.9	543.0	3.1	3.66		CAE	Caribou
OSK-W-21-2540-W7	963.7	972.6	8.9	21.8	19.4	TLX_3158	Triple Lynx
including	966.1	966.6	0.5	142	100		
	1111.0	1113.0	2.0	8.46		TLX	Triple Lynx
	1125.0	1127.4	2.4	3.55		TLX	Triple Lynx
OSK-W-21-2540-W9	923.0	925.2	2.2	10.9		TLX	Triple Lynx
including	923.8	924.3	0.5	45.4			
	965.5	967.8	2.3	24.8	21.8	TLX_3158	Triple Lynx
including	967.5	967.8	0.3	123	100		

OSK-W-21-2540-W10	990.3	992.7	2.4	17.6		TLX_3158	Triple Lynx
	1132.0	1134.0	2.0	5.57		TLX_3172	Triple Lynx
	1144.0	1146.0	2.0	7.90		TLX_3172	Triple Lynx
OSK-W-21-2540-W11	992.7	995.0	2.3	23.9		TLX_3158	Triple Lynx
including	993.1	994.1	1.0	53.3			
OSK-W-21-2587-W2	527.5	529.6	2.1	3.59		LXM	Lynx
including	527.5	527.9	0.4	13.6			
OSK-W-21-2601	992.7	995.3	2.6	124	38.5	TLX_3158	Triple Lynx
including	994.2	994.9	0.7	418	100		
OSK-W-21-2601-W2	883.9	886.0	2.1	10.5		TLX	Triple Lynx
including	883.9	884.5	0.6	36.6			
	978.3	981.1	2.8	32.6		TLX_3158	Triple Lynx
OSK-W-21-2601-W3	944.0	946.0	2.0	13.0		TLX_3158	Triple Lynx
OSK-W-21-2635	297.0	299.0	2.0	13.9		CAE	Caribou
including	297.0	298.0	1.0	27.7			
OSK-W-21-2636	712.0	714.3	2.3	3.52		UDD	Underdog
including	714.0	714.3	0.3	12.4			
OSK-W-21-2637	569.0	571.0	2.0	31.3		CAE	Caribou
including	570.2	571.0	0.8	77.8			
WST-21-0708	239.0	241.3	2.3	11.0		TLX	Triple Lynx
including	240.0	240.7	0.7	35.8			
WST-21-0754	150.6	153.8	3.2	6.83		LXM	Lynx
including	152.5	152.9	0.4	21.4			
WST-21-0913	150.9	153.0	2.1	15.9		LXM	Lynx
including	150.9	151.7	0.8	41.6			
WST-21-0914	384.5	387.0	2.5	6.59		LSW	Lynx SW
including	385.2	385.8	0.6	26.8			
WST-21-0927	398.0	400.0	2.0	4.78		TLX	Triple Lynx
WST-21-0929B	193.6	196.0	2.4	30.3		TLX	Triple Lynx
including	194.7	195.2	0.5	69.5			
WST-21-0931	456.1	459.1	3.0	9.87		TLX	Triple Lynx
WST-21-0935	265.7	268.0	2.3	449	17.5	LHW	Lynx HW
including	266.6	267.0	0.4	2580	100		
WST-21-0936A	398.0	400.1	2.1	3.99		TLX	Triple Lynx
WST-21-0943	153.8	156.0	2.2	4.87		LXM	Lynx
including	154.1	154.7	0.6	16.6			
WST-21-0944	258.0	260.2	2.2	4.05		LHW	Lynx HW
WST-21-0960	402.2	404.5	2.3	5.59		LX4	Lynx 4
including	402.2	402.6	0.4	21.5			
WST-21-0962	187.0	189.0	2.0	14.5		LXM	Lynx
including	188.0	188.4	0.4	52.1			
	402.0	404.0	2.0	18.9		TLX	Triple Lynx
	419.0	421.2	2.2	8.19		TLX	Triple Lynx
including	419.9	420.4	0.5	35.1			
	639.0	641.3	2.3	6.98		LX4	Lynx 4
WST-21-0964	312.3	314.7	2.4	7.87		TLX	Triple Lynx
including	313.7	314.2	0.5	33.9			
WST-21-0966	371.0	373.1	2.1	3.45		LHW_3233	Lynx HW
including	372.5	372.8	0.3	21.4			
WST-21-0969	331.0	333.0	2.0	4.65		TLX	Triple Lynx
including	331.0	332.0	1.0	9.21			
	480.0	482.1	2.1	4.36		LX4	Lynx 4

	536.8	539.0	2.2	11.5	LX4	Lynx 4
including	536.8	537.8	1.0	25.0		
WST-21-0971	467.0	469.0	2.0	7.40	LX4	Lynx 4
including	467.0	467.9	0.9	16.3		
	479.0	482.0	3.0	4.82	LX4	Lynx 4
WST-21-0981	192.4	195.3	2.9	7.36	TLX	Triple Lynx
including	192.4	193.0	0.6	24.2		
WST-21-0993	160.0	162.1	2.1	12.7	TLX	Triple Lynx
including	161.1	162.1	1.0	26.1		

Notes: True widths are estimated at 55 - 80% of the reported core length interval. See *"Quality Control and Reporting Protocols"* below. CAE = Caribou, LHW = Lynx Hanging Wall, LSW = Lynx Southwest, LXM = Lynx Main, LX4 = Lynx 4, TLX = Triple Lynx, and UDD = Underdog.

Drill hole location

Hole No.	Azimuth (?)	Dip (?)	Length (m)	UTM E	UTM N	Elevation	Section
OSK-W-21-1871-W1	331	-56	1119	452496	5434397	402	2475
OSK-W-21-1871-W3	331	-56	906	452496	5434397	402	2475
OSK-W-21-1949-W10	105	-57	1317	453440	5435479	401	3825
OSK-W-21-1949-W13	105	-57	1212	453440	5435479	401	3825
OSK-W-21-1949-W15	105	-57	1305	453440	5435479	401	3825
OSK-W-21-1949-W16	105	-57	1014	453440	5435479	401	3825
OSK-W-21-1963-W10	123	-58	1451	453761	5435816	401	4275
OSK-W-21-2512-W2	331	-54	834	452448	5434465	400	2475
OSK-W-21-2512-W3	331	-54	819	452448	5434465	400	2475
OSK-W-21-2531-W3	344	-62	1329	452566	5434415	403	2550
OSK-W-21-2540-W7	117	-60	1152	453465	5435640	410	3925
OSK-W-21-2540-W9	117	-60	1349	453465	5435640	410	3925
OSK-W-21-2540-W10	117	-60	1181	453465	5435640	410	3925
OSK-W-21-2540-W11	117	-60	1028	453465	5435640	410	3925
OSK-W-21-2544-W1	128	-50	1140	452960	5435539	419	3425
OSK-W-21-2544-W3	128	-50	810	452960	5435539	419	3425
OSK-W-21-2578	350	-53	942	452178	5434397	399	2200
OSK-W-21-2587-W2	127	-59	1167	453350	5435673	418	3850
OSK-W-21-2601	125	-61	1500	453425	5435657	413	3900
OSK-W-21-2601-W2	125	-61	1500	453425	5435657	413	3900
OSK-W-21-2601-W3	125	-61	1305	453425	5435657	413	3900
OSK-W-21-2635	327	-56	708	452684	5434475	402	2675
OSK-W-21-2636	337	-52	801	452499	5434619	403	2575
OSK-W-21-2637	140	-59	747	452768	5435312	406	3150
OSK-W-21-2640-W1	336	-58	737	452683	5434351	402	2625
OSK-W-21-2646	109	-58	1272	453326	5435648	413	3800
WST-21-0708	134	-40	670	453374	5435296	-26	3675
WST-21-0754	151	-44	220	453356	5435272	16	3650
WST-21-0878	128	-40	711	453375	5435297	-26	3675
WST-21-0879	139	-44	724	453258	5435209	96	3525
WST-21-0881A	147	-57	457	453105	5435065	231	3325
WST-21-0883	126	-59	393	453105	5435065	231	3325
WST-21-0894B	132	-52	417	452955	5435004	253	3175
WST-21-0896	140	-47	741	453258	5435209	96	3525
WST-21-0897A	127	-42	699	453375	5435297	-26	3675

WST-21-0905C	141	-52	511	453221	5435121	135	3450
WST-21-0908C	122	-44	664	453506	5435326	-90	3800
WST-21-0911	121	-44	635	453507	5435332	-48	3800
WST-21-0912	141	-41	640	453258	5435209	96	3525
WST-21-0913	138	-49	594	453322	5435236	54	3600
WST-21-0914	148	-59	502	453105	5435066	231	3325
WST-21-0919	141	-46	597	453257	5435209	96	3525
WST-21-0924A	151	-29	138	453314	5435164	124	3550
WST-21-0927	146	-48	751	453321	5435235	54	3600
WST-21-0928	154	-70	391	453507	5435327	-7	3800
WST-21-0929B	115	-46	771	453506	5435327	-90	3800
WST-21-0931	144	-50	603	453321	5435235	54	3600
WST-21-0932	136	-26	360	453461	5435326	32	3775
WST-21-0933A	131	-52	733	453222	5435121	135	3450
WST-21-0935	132	-10	283	453462	5435326	33	3775
WST-21-0936A	137	-48	570	453257	5435209	96	3525
WST-21-0937	147	-25	127	453314	5435164	124	3550
WST-21-0943	151	-55	388	453507	5435327	-7	3800
WST-21-0944	116	-8	325	453462	5435326	33	3775
WST-21-0946	168	-51	403	453507	5435327	-7	3800
WST-21-0948	136	-31	583	453374	5435296	-26	3675
WST-21-0957B	120	-9	306	453462	5435326	33	3775
WST-21-0958A	141	-49	579	453321	5435235	54	3600
WST-21-0960	116	-42	600	453506	5435327	-90	3800
WST-21-0962	132	-49	685	453222	5435122	135	3450
WST-21-0963	121	-36	543	453507	5435333	-47	3800
WST-21-0964	127	-38	684	453374	5435297	-26	3675
WST-21-0965A	141	-49	344	453507	5435327	-7	3800
WST-21-0966	145	-28	390	453461	5435326	32	3775
WST-21-0968	183	-48	243	453358	5435296	-148	3675
WST-21-0969	133	-52	639	453321	5435235	54	3600
WST-21-0970	117	-34	519	453507	5435333	-47	3800
WST-21-0971	139	-62	615	453222	5435121	135	3450
WST-21-0979	178	-55	255	453358	5435296	-149	3675
WST-21-0980	131	-38	681	453374	5435297	-26	3675
WST-21-0981	174	-51	258	453358	5435296	-149	3675
WST-21-0983	176	-59	279	453358	5435297	-149	3675
WST-21-0987	154	-4	73	453440	5435223	-157	3700
WST-21-0993	191	-28	231	453357	5435296	-148	3675

Caribou Zone

Mineralization most commonly occurs in gold-bearing pyrite stockworks as well as semi-massive pyrite replacement zones associated with phyllic alteration (sericite-pyrite ? silica) with sulphides, pyrite dominated with minor chalcopyrite and sphalerite ranging from trace to up to 20%, and local visible gold. Mineralization is hosted in rhyolites or mafic-intermediate volcanics frequently at or near faults or the contact with felsic porphyritic intrusions.

Lynx Zone

Mineralization occurs as grey to translucent quartz-carbonate-pyrite-tourmaline veins and pyrite replacement zones and stockworks. Vein-type mineralization is associated with haloes of pervasive sericite-pyrite ? silica alteration and contain sulphides (predominantly pyrite with minor amounts of chalcopyrite, sphalerite, galena,

arsenopyrite, and pyrrhotite) and local visible gold. Replacement mineralization is associated with strong pervasive silica-sericite-ankerite ? tourmaline alteration and contains disseminated pyrite from trace to 80% with local visible gold. Pyrite stockworks can form envelopes that reach several tens of metres thick. Fuchsite alteration is common and is spatially constrained to near the gabbros. Mineralization occurs at or near geological contacts between felsic porphyritic or fragmental intrusions and the host rhyolites or gabbros and locally can be hosted along the gabbro-rhyolite contact.

Underdog
Mineralization most commonly occurs in gold-bearing quartz-pyrite (? tourmaline) veins and as disseminated, stringer, semi-massive to massive pyrite with minor sphalerite, chalcopyrite and molybdenite associated with strong sericite and silica alteration. Mineralization is hosted along the intrusive contacts of a three-phase composite felsic porphyritic unit which cross-cuts felsic and mafic volcanic sequences.

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), Director of Exploration for Osisko's Windfall 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 width determination is estimated at 55-80% 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 3.5 g/t Au diluted over core lengths of at least 2.0 metres. NQ core assays 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, Qu?bec, Vancouver, British Colombia, Lima, Peru or Vientiane, Laos (ii) 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 a Four Acid Digestion-ICP-MS 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 Gold Deposit
The Windfall gold deposit is located between Val-d'Or and Chibougamau in the Abitibi region of Qu?bec, Canada. The Mineral Resource Estimate ("MRE") defined by Osisko, as disclosed in the news release dated February 17, 2021 is supported by the technical report entitled "Preliminary Economic Assessment Update for the Windfall Project" dated April 26, 2021 (that includes Windfall Mineral Resource Estimate with an effective date of November 30, 2020), and assuming a cut-off grade of 3.50 g/t Au, comprises 521,000 tonnes at 11.3 g/t Au (189,000 ounces) in the measured mineral resource category, 5,502,000 tonnes at 9.4 g/t Au (1,668,000 ounces) in the indicated mineral resource category and 16,401,000 tonnes at 8.0 g/t Au (4,244,000 ounces) in the inferred mineral resource category. The key assumptions, parameters and methods used to estimate the mineral resource estimate disclosed in the February 17, 2021 news release are further described in the full technical report prepared by BBA Inc. in accordance with NI 43-101 and is available on SEDAR (www.sedar.com) under the Corporation's issuer profile. The Windfall gold deposit is currently one of the highest-grade resource-stage gold projects in Canada and has world-class scale. Mineralization occurs in three principal zones: Lynx, Main Zone, and Underdog. Mineralization is generally comprised of sub-vertical zones following intrusive porphyry contacts plunging to the northeast. The r esources are defined from surface to a depth of 1,600 metres as it now includes the Triple 8 (T8) zone. The resources excluding T8 are defined from surface to a depth of 1,200 metres. The deposit remains open along strike and at depth. Mineralization has been identified at surface in some areas and as deep as 2,625 metres in others with significant potential to extend mineralization down-plunge and at depth.

About Osisko Mining Inc.
Osisko is a mineral exploration company focused on the acquisition, exploration, and development of gold resource properties in Canada. Osisko holds a 100% interest in the high-grade Windfall gold deposit located between Val-d'Or and Chibougamau in Qu?bec and holds a 100% undivided interest in a large area of claims in the surrounding Urban Barry area and nearby Qu?villon area (over 2,500 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 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", "potential", "feasibility", "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 Windfall gold deposit being one of the highest-grade resource-stage gold projects in Canada and having world-class scale; the key assumptions, parameters and methods used to estimate the mineral resource estimate disclosed in this news release; the prospects, if any, of the Windfall gold deposit; timing and ability of Osisko to file a technical report for the mineral resource estimate disclosed in this news release; the timing and ability of Osisko, if at all, to publish a feasibility study for the Windfall gold deposit; the amount and type of drilling to be completed and the timing to complete such drilling; the focus of the remaining infill drilling; the trend of grade increase; the Lynx zone remaining open to expansion down plunge; upgrading a inferred mineral resource to a measured mineral resource or indicated mineral resource category; future drilling at the Windfall gold deposit; the significance of historic exploration activities and results. 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 (infill) drilling; property and royalty interests in the Windfall 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.

CONTACT INFORMATION:
John Burzynski
Chief Executive Officer
Telephone (416) 363-8653