Expansion Drilling Adds New High-Grade for Osisko

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TORONTO, Feb. 23, 2021 - 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.

Approximately 200,000 metres remain in the drill program, focused on the Lynx portion of the deposit. Osisko expects to complete resource drilling by the fall of 2021.

Osisko Chief Executive Officer John Burzynski commented: "Today's expansion drill results are a strong confirmation that many of the zones across the deposit remain open to growth. The results presented below fall outside the wireframes in the recently published mineral resource estimate ("MRE"), and OSK-W-20-2391 in particular extends Triple Lynx 150 metres from the closest MRE block."

Significant new analytical results presented below include 145 intercepts in 56 drill holes (31 from surface, 25 from underground) and 33 wedges.

Selected intercepts include: 141 g/t Au over 3.5 metres in WST-20-0524; 74.9 g/t Au over 2.3 metres in WST-20-0547; 57.8 g/t Au over 2.3 metres in OSK-W-20-2275-W4; 13.3 g/t Au over 6.4 metres in WST-20-0478; 26.0 g/t Au over 3.2 metres in OSK-W-20-2354-W1; 31.4 g/t Au over 2.4 metres in OSK-W-20-2391; 25.9 g/t Au over 2.9 metres in WST-20-0570; 15.9 g/t Au over 4.7 metres in WST-20-0346; 16.9 g/t Au over 4.2 metres in OSK-W-20-2354; and 24.4 g/t Au 2.9 metres in OSK-W-20-2369. Maps showing hole locations and full analytical results are available at www.osiskomining.com.

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-20-852-W2	792.2	794.5	2.3	4.68		Caribou_2219	Caribou
including	793.2	793.5	0.3	32.7			
OSK-W-20-852-W3	640.4	646.8	6.4	10.6		Caribou	Caribou
including	640.4	640.7	0.3	43.4			
	681.0	683.0	2.0	4.20		Caribou_2255	Caribou
OSK-W-20-852-W4	814.0	816.0	2.0	13.9		Caribou	Caribou
including	814.0	815.0	1.0	21.8			
OSK-W-20-913-W2	622.0	624.0	2.0	4.60		Caribou	Caribou
including	622.5	622.8	0.3	28.8			
	672.0	674.5	2.5	4.00		Caribou	Caribou
including	673.0	673.5	0.5	16.8			
	755.0	757.0	2.0	16.7		Caribou	Caribou
including	755.4	756.0	0.6	53.9			
	858.0	860.0	2.0	3.48		Caribou	Caribou
OSK-W-20-2170-W7	1102.0	1104.0	2.0	5.61		TLX_3170	Triple Lynx
including	1102.5	1102.9	0.4	23.5			
OSK-W-20-2252-W8	1190.0	1192.0	2.0	7.24		Triple Lynx	Triple Lynx
including	1190.0	1190.3	0.3	24.7			

OSK-W-20-2252-W10	989.0	991.0	2.0	12.2		TLX_3163	Triple Lynx
	993.0	999.6	6.6	9.83		TLX_3163	Triple Lynx
including	998.9	999.3	0.4	71.3			
OSK-W-20-2256-W8	987.0	989.0	2.0	4.19		TLX_3164	Triple Lynx
OSK-W-20-2271-W4	792.0	794.0	2.0	29.4		Lynx	Lynx
including	792.0	793.0	1.0	55.0			
	804.0	807.0	3.0	8.32		Lynx	Lynx
including	804.0	804.6	0.6	21.9			
OSK-W-20-2275-W4	920.7	923.0	2.3	57.8	17.6	Triple Lynx	Triple Lynx
including	921.2	921.5	0.3	408	100		
OSK-W-20-2280-W6	937.5	939.5	2.0	4.75		Triple Lynx	Triple Lynx
including	937.5	937.8	0.3	16.1			
	1078.9	1081.0	2.1	11.3		TLX_3170	Triple Lynx
OSK-W-20-2280-W8	960.9	964.0	3.1	5.07		TLX_3163	Triple Lynx
OSK-W-20-2280-W9	1071.0	1075.0	4.0	4.82		TLX_3162	Triple Lynx
including	1074.0	1075.0	1.0	12.7			
OSK-W-20-2283-W3	939.0	941.3	2.3	4.50		TLX_3194	Triple Lynx
including	940.2	940.6	0.4	25.0			
OSK-W-20-2283-W4	983.0	985.0	2.0	4.46		TLX_3195	Triple Lynx
OSK-W-20-2287	1284.0	1286.0	2.0	8.11		LX4_3445	Lynx
including	1284.3	1284.8	0.5	32.0			
OSK-W-20-2295-W2	919.6	921.6	2.0	3.76		Triple Lynx	Triple Lynx
including	919.6	920.0	0.4	18.4			
OSK-W-20-2300	9.2	13.0	3.8	7.10		F17	F17
	24.0	26.0	2.0	9.95		F17	F17
	39.0	44.3	5.3	9.59		F17	F17
OSK-W-20-2313-W4	1119.3	1121.9	2.6	4.08		Triple Lynx	Triple Lynx
including	1120.2	1121.0	0.8	12.5			
OSK-W-20-2313-W5	911.9	914.0	2.1	21.2	17.5	Triple Lynx	Triple Lynx
including	911.9	912.2	0.3	126	100		
OSK-W-20-2313-W6	929.0	931.0	2.0	5.42		Triple Lynx	Triple Lynx
including	929.8	930.2	0.4	12.5			
	1003.2	1005.3	2.1	5.89		TLX_3195	Triple Lynx
including	1003.2	1003.7	0.5	18.5			
OSK-W-20-2313-W7	868.7	872.6	3.9	6.43		TLX_3161	Triple Lynx
OSK-W-20-2319	290.0	292.5	2.5	5.93		Bobcat	Bobcat
	672.0	674.0	2.0	5.13		Lynx SW	Lynx
including	672.0	672.9	0.9	11.4			
OSK-W-20-2322-W3	812.0	814.4	2.4	24.4		Lynx	Lynx
including	812.5	813.0	0.5	59.6			
	857.0	859.0	2.0	6.67		Lynx	Lynx
including	857.7	858.5	0.8	14.5			
OSK-W-20-2328	287.0	289.5	2.5	4.92		Caribou	Caribou
including	289.1	289.5	0.4	24.4			
	351.6	353.6	2.0	3.95		Caribou	Caribou
OSK-W-20-2331	51.0	53.0	2.0	4.86		Mallard_5216	Mallard
OSK-W-20-2338	37.0	39.0	2.0	5.12		F17	F17
OSK-W-20-2340	75.0	77.0	2.0	6.51		F17	F17
including	76.1	76.7	0.6	21.4			
OSK-W-20-2346	590.0	592.0	2.0	6.20		LXM_3323	Lynx
	809.0	811.0	2.0	3.79		Triple Lynx	Triple Lynx

OSK-W-20-2354	501.0	503.3	2.3	5.33		Caribou_2116	Caribou
including	501.0	502.0	1.0	12.0			
	620.0	622.0	2.0	24.7		Caribou	Caribou
including	620.0	620.4	0.4	76.5			
	695.5	697.5	2.0	7.53		Caribou_2217	Caribou
including	696.7	697.1	0.4	29.2			
	728.7	730.7	2.0	19.5		Caribou_2218	Caribou
including	729.4	729.8	0.4	77.0			
	735.3	739.5	4.2	16.9	15.1	Caribou_2218	Caribou
including	739.2	739.5	0.3	125	100		
OSK-W-20-2354-W1	702.0	704.0	2.0	4.80		Caribou	Caribou
including	703.0	704.0	1.0	9.26			
	722.2	725.4	3.2	26.0		Caribou	Caribou
including	723.4	724.0	0.6	55.3			
	757.2	759.9	2.7	13.5		Caribou	Caribou
including	757.2	757.5	0.3	74.8			
OSK-W-20-2354-W2	545.0	547.5	2.5	7.42		Caribou	Caribou
including	546.2	546.5	0.3	47.3			
OSK-W-20-2354-W3	541.3	544.0	2.7	3.99		Caribou	Caribou
OSK-W-20-2354-W4	730.4	733.0	2.6	4.65		Caribou	Caribou
OSK-W-20-2362	58.0	60.0	2.0	31.7	25.6	Bobcat_2355	Bobcat
including	58.5	59.0	0.5	125	100		
OSK-W-20-2363	970.6	972.6	2.0	3.88		Triple Lynx	Triple Lynx
OSK-W-20-2363-W2	666.4	669.7	3.3	6.59		TLX_3196	Triple Lynx
including	669.4	669.7	0.3	31.8			
OSK-W-20-2365	44.0	46.5	2.5	8.36		Bobcat	Bobcat
OSK-W-20-2369	584.9	587.8	2.9	24.4		Lynx	Lynx
including	586.7	587.8	1.1	35.6			
	640.0	642.0	2.0	29.2	26.4	LXM_3304	Lynx
including	640.4	640.9	0.5	111	100		
	654.1	656.3	2.2	7.16		LXM_3341	Lynx
including	654.1	654.4	0.3	36.2			
	660.0	662.0	2.0	6.06		LXM_3341	Lynx
OSK-W-20-2371	796.5	798.8	2.3	17.2	13.2	Triple Lynx	Triple Lynx
including	796.5	796.8	0.3	131	100		
	1049.0	1051.0	2.0	7.30		Lynx	Lynx
OSK-W-20-2371-W1	847.0	849.0	2.0	7.72		Triple Lynx	Triple Lynx
OSK-W-20-2371-W2	1023.0	1025.2	2.2	4.93		Triple Lynx	Triple Lynx
OSK-W-20-2375-W1	907.3	909.7	2.4	18.5		LX4_3437	Lynx
including	908.4	909.3	0.9	36.8			
OSK-W-20-2376	131.6	133.8	2.2	4.01		Caribou	Caribou
	233.0	235.0	2.0	4.27		Caribou	Caribou
including	233.0	233.3	0.3	27.6			
OSK-W-20-2377-W1	876.5	878.6	2.1	28.9	24.0	Caribou extension	Caribou
including	876.5	877.0	0.5	121	100		
	882.8	884.8	2.0	16.4		Caribou extension	Caribou
including	882.8	883.8	1.0	32.7			
OSK-W-20-2381	1116.4	1118.7	2.3	4.02		Lynx 4	Lynx
OSK-W-20-2384	547.0	549.0	2.0	9.31		Lynx	Lynx
including	548.0	549.0	1.0	18.2			
OSK-W-20-2387-W1	496.0	498.1	2.1	4.17		Caribou	Caribou
including	496.0	496.4	0.4	12.2			

OSK-W-20-2388	317.6	319.7	2.1	10.7		Caribou	Caribou
including	317.6	318.6	1.0	22.4			
	568.7	571.1	2.4	4.85		Caribou_2250	Caribou
including	570.0	570.5	0.5	18.4			
	663.0	665.0	2.0	11.6		Caribou_2219	Caribou
including	663.0	664.0	1.0	23.0			
	666.0	668.1	2.1	4.12		Caribou_2219	Caribou
including	667.5	668.1	0.6	13.7			
OSK-W-20-2390	579.0	581.2	2.2	27.9		Caribou_2247	Caribou
including	580.2	580.7	0.5	93.3			
OSK-W-20-2391	234.6	237.0	2.4	31.4	21.3	F51	F51
including	235.4	235.9	0.5	149	100		
	1372.5	1376.0	3.5	8.73		Triple Lynx	Triple Lynx
including	1373.3	1373.7	0.4	36.0			
	1497.0	1503.0	6.0	8.84		Triple Lynx	Triple Lynx
	1526.0	1528.0	2.0	15.7		Triple Lynx	Triple Lynx
OSK-W-20-2397	603.0	605.1	2.1	9.70		Lynx	Lynx
including	603.3	604.0	0.7	27.3			
	612.0	614.0	2.0	7.36		Lynx	Lynx
	654.0	656.5	2.5	4.16		LXM_3304	Lynx
including	655.0	655.4	0.4	12.5			
	698.5	700.5	2.0	4.07		LXM_3304	Lynx
including	700.0	700.5	0.5	11.9			
	975.0	977.1	2.1	7.12		Lynx 4	Lynx
	1031.0	1033.0	2.0	11.0		Lynx 4	Lynx
including	1032.7	1033.0	0.3	69.9			
	1039.0	1041.0	2.0	4.76		Lynx 4	Lynx
including	1039.6	1040.3	0.7	12.9			
	1058.0	1060.2	2.2	26.1	19.6	LX4_3430	Lynx
including	1058.8	1059.2	0.4	136	100		
OSK-W-20-2399-W1	551.0	554.3	3.3	19.2		Caribou_2523	Caribou
including	553.5	554.3	0.8	69.0			
OSK-W-20-2400	815.0	817.0	2.0	9.57		Caribou	Caribou
including	815.4	816.0	0.6	31.5			
OSK-W-20-2405	519.6	521.8	2.2	4.59		Caribou	Caribou
OSK-W-20-2405-W1	518.0	520.0	2.0	8.09		Caribou	Caribou
	620.0	622.0	2.0	6.44		Caribou	Caribou
including	620.5	621.0	0.5	22.8			
	669.0	672.0	3.0	8.57		Caribou	Caribou
OSK-W-20-2406	635.0	638.7	3.7	10.1		Caribou_2241	Caribou
including	636.0	637.0	1.0	21.8			
	642.0	649.3	7.3	6.34		Caribou_2241	Caribou
including	647.7	648.3	0.6	17.9			
and	648.7	649.3	0.6	21.0			
OSK-W-20-2415	639.8	643.5	3.7	7.66		Caribou_2233	Caribou
including	639.8	640.1	0.3	27.9			
and	640.4	640.7	0.3	33.2			
	680.0	682.3	2.3	8.40		Caribou_2217	Caribou
including	681.4	682.3	0.9	19.4			
OSK-W-20-2421	685.0	687.2	2.2	6.02		Caribou	Caribou

OSK-W-20-2425	298.0	301.0	3.0	18.9		Caribou	Caribou
including	299.0	300.0	1.0	40.4			
OSK-W-20-2432	725.0	727.4	2.4	9.40		Caribou	Caribou
including	726.1	726.4	0.3	32.4			
	794.6	799.6	5.0	6.98		Caribou	Caribou
including	794.6	795.5	0.9	20.4			
	804.3	806.6	2.3	7.92		Caribou	Caribou
including	804.3	805.1	0.8	20.0			
OSK-W-20-2440	719.0	721.0	2.0	6.26		Caribou	Caribou
including	719.0	719.8	0.8	15.6			
OSK-W-21-2451	430.8	434.0	3.2	20.4		Caribou	Caribou
including	431.2	431.6	0.4	94.7			
	516.8	519.0	2.2	8.78		Caribou	Caribou
including	517.1	517.7	0.6	30.1			
OSK-W-21-2455	479.9	482.2	2.3	21.0	15.0	Caribou_2116	Caribou
including	479.9	480.2	0.3	146	100		
WST-20-0346	118.2	120.4	2.2	16.1		Caribou_2151	Caribou
including	118.2	118.7	0.5	69.8			
	348.0	352.7	4.7	15.9		Caribou corridor	Caribou
WST-20-0476	260.9	263.1	2.2	5.92		Caribou corridor	Caribou
	374.8	376.8	2.0	12.7		Caribou corridor	Caribou
including	376.3	376.8	0.5	45.8			
WST-20-0477	52.4	55.0	2.6	9.78		Mallard	Mallard
	228.0	230.4	2.4	4.55		Caribou_2100	Caribou
WST-20-0478	167.6	174.0	6.4	13.3	12.8	Caribou_2151	Caribou
including	172.4	173.0	0.6	106	100		
	354.0	356.0	2.0	4.72		Caribou	Caribou
including	354.0	354.5	0.5	18.4			
WST-20-0479B	147.1	149.1	2.0	7.97		Z27_1115	Zone 27
	157.5	159.8	2.3	5.66		Z27	Zone 27
WST-20-0480B	376.0	378.0	2.0	9.80		Caribou	Caribou
WST-20-0496	302.0	304.2	2.2	4.24		Lynx SW	Lynx SW
including	303.4	303.7	0.3	30.7			
	513.6	516.2	2.6	10.9		Lynx SW	Lynx SW
including	513.6	513.9	0.3	81.3			
WST-20-0521	367.0	369.1	2.1	12.1		Caribou	Caribou
including	367.6	368.6	1.0	24.4			
WST-20-0522	374.0	376.0	2.0	6.98		Lynx SW	Lynx SW
including	374.8	375.5	0.7	19.7			
WST-20-0524	225.8	229.3	3.5	141	28.6	Lynx SW	Lynx SW
including	228.4	229.3	0.9	536	100		
WST-20-0534	122.0	124.2	2.2	10.4		LXM_3359	Lynx
including	123.2	124.2	1.0	22.9			
WST-20-0547	421.6	423.9	2.3	74.9	43.4	LXSW_3502	Lynx
including	423.0	423.9	0.9	181	100		
WST-20-0552	127.0	129.0	2.0	11.1		LXM_3339	Lynx
including	127.6	128.3	0.7	29.9			
	235.7	238.0	2.3	22.7		LXSW_3506	Lynx
including	236.4	237.4	1.0	51.8			
WST-20-0556	96.3	98.4	2.1	4.66		Bobcat	Bobcat
including	97.8	98.4	0.6	13.5			

WST-20-0566A	13.7	17.2	3.5	17.7	Mallard_5211	Mallard
including	14.6	15.3	0.7	38.3		
WST-20-0567	58.0	60.0	2.0	4.55	Z27	Zone 27
including	58.0	59.0	1.0	9.01		
	296.0	298.0	2.0	5.01	Caribou corridor	Caribou
WST-20-0569	259.9	262.0	2.1	14.6	LXSW_3507	Lynx SW
including	261.5	262.0	0.5	26.7		
WST-20-0570	206.2	209.1	2.9	25.9	Lynx SW	Lynx SW
including	207.8	208.4	0.6	55.0		
WST-20-0572A	272.0	274.0	2.0	11.0	LXSW_3556	Lynx SW
WST-20-0574	283.6	285.9	2.3	13.7	Lynx SW	Lynx SW
WST-20-0578	170.0	172.0	2.0	24.3	LXM_3304	Lynx
including	170.8	171.2	0.4	76.8		
	785.0	792.0	7.0	9.09	LX4_3412	Lynx
including	789.5	790.4	0.9	24.2		
WST-20-0581	408.9	411.0	2.1	14.8	LXSW_3556	Lynx
including	408.9	409.8	0.9	34.4		
WST-20-0589	351.0	353.1	2.1	29.2	Caribou	Caribou
including	351.7	352.6	0.9	67.7		
WST-20-0584	122.0	124.0	2.0	11.4	LXM_3301	Lynx
WST-20-0626	134.4	136.8	2.4	4.19	LXM_3307	Lynx
including	134.4	135.0	0.6	9.74		
	138.3	140.5	2.2	19.4	LXM_3307	Lynx
including	138.8	139.8	1.0	41.4		

Notes: True widths are estimated at 55 - 80% of the reported core length interval. See *"Quality Control and Reporting Protocols"* below. SW = Southwest.

Drill hole location

Hole Number	Azimuth (?)	Dip (?)	Length (m)	UTM E	UTM N	Elevation	Section
OSK-W-20-852-W2	330	-55	873	452874	5434552	398	2875
OSK-W-20-852-W3	330	-55	849	452874	5434552	398	2875
OSK-W-20-852-W4	330	-55	873	452874	5434552	398	2875
OSK-W-20-913-W2	334	-52	913	452878	5434419	401	2825
OSK-W-20-2170-W7	128	-59	1205	453425	5435657	413	3900
OSK-W-20-2252-W8	129	-54	1239	453241	5435694	415	3750
OSK-W-20-2252-W10	129	-54	824	453241	5435694	415	3750
OSK-W-20-2256-W8	125	-51	1056	453160	5435686	411	3675
OSK-W-20-2271-W4	120	-53	1134	453462	5435683	410	3950
OSK-W-20-2275-W4	127	-49	1052	452888	5435583	409	3400
OSK-W-20-2280-W6	127	-58	1152	453304	5435639	415	3775
OSK-W-20-2280-W8	127	-58	1134	453304	5435639	415	3775
OSK-W-20-2280-W9	127	-58	1037	453304	5435639	415	3775
OSK-W-20-2283-W3	135	-50	1004	452997	5435607	425	3500
OSK-W-20-2283-W4	135	-50	1012	452997	5435607	425	3500
OSK-W-20-2287	116	-53	1406	453607	5435714	404	4075
OSK-W-20-2295-W2	132	-51	963	452933	5435473	415	3375
OSK-W-20-2300	152	-45	192	452699	5435578	406	3225
OSK-W-20-2313-W4	134	-52	1134	452965	5435583	420	3450
OSK-W-20-2313-W5	134	-52	1086	452965	5435583	420	3450
OSK-W-20-2313-W6	134	-52	1029	452965	5435583	420	3450

OSK-W-20-2313-W7	134	-52	1086	452965 5435583 420	3450
OSK-W-20-2319	141	-50	768	452872 5435153 409	3175
OSK-W-20-2322-W3	130	-54	1274	453608 5435715 403	4075
OSK-W-20-2328	136	-56	942	452872 5435153 409	3175
OSK-W-20-2331	335	-50	239	451987 5434764 406	2200
OSK-W-20-2338	155	-57	213	452679 5435584 405	3200
OSK-W-20-2340	146	-55	201	452650 5435568 405	3175
OSK-W-20-2346	130	-53	1161	453397 5435557 413	3825
OSK-W-20-2354	336	-60	759	452739 5434474 401	2725
OSK-W-20-2354-W1	336	-60	792	452739 5434474 401	2725
OSK-W-20-2354-W2	336	-60	750	452739 5434474 401	2725
OSK-W-20-2354-W3	336	-60	750	452739 5434474 401	2725
OSK-W-20-2354-W4	336	-60	783	452739 5434474 401	2725
OSK-W-20-2362	350	-45	256	452719 5434777 398	2850
OSK-W-20-2363	139	-52	1031	452930 5435548 419	3425
OSK-W-20-2363-W2	139	-52	695	452930 5435548 419	3425
OSK-W-20-2365	354	-46	312	452673 5434766 398	2800
OSK-W-20-2369	130	-56	909	453426 5435565 410	3850
OSK-W-20-2371	123	-53	1203	452996 5435364 412	3375
OSK-W-20-2371-W1	123	-53	1032	452996 5435364 412	3375
OSK-W-20-2371-W2	123	-53	945	452996 5435364 412	3375
OSK-W-20-2375-W1	122	-56	987	453810 5435779 400	4300
OSK-W-20-2376	325	-55	510	452689 5434635 398	2750
OSK-W-20-2377-W1	132	-49	1097	452702 5435548 409	3225
OSK-W-20-2381	134	-53	1230	453620 5435791 402	4125
OSK-W-20-2384	127	-52	1164	453397 5435557 413	3825
OSK-W-20-2387-W1	336	-59	738	452694 5434440 401	2675
OSK-W-20-2388	326	-61	363	452715 5434606 397	2775
OSK-W-20-2390	330	-65	647	452597 5434393 401	2550
OSK-W-20-2391	117	-57	1230	453281 5435894 408	3900
OSK-W-20-2397	131	-58	1197	453451 5435594 412	3900
OSK-W-20-2399-W1	333	-54	425	452874 5434552 398	2875
OSK-W-20-2400	336	-53	884	452876 5434419 402	2825
OSK-W-20-2405	332	-58	723	452694 5434440 401	2675
OSK-W-20-2405-W1	332	-58	716	452694 5434440 401	2675
OSK-W-20-2406	333	-56	623	452632 5434280 400	2525
OSK-W-20-2415	328	-54	143	452738 5434474 401	2725
OSK-W-20-2421	332	-59	699	452632 5434280 400	2525
OSK-W-20-2425	336	-60	747	452715 5434606 397	2775
OSK-W-20-2432	333	-57	864	452809 5434415 404	2750
OSK-W-20-2440	330	-52	807	452739 5434474 401	2725
OSK-W-21-2451	330	-58	803	452809 5434415 404	2750
OSK-W-21-2455	328	-53	780	452738 5434474 401	2725
WST-20-0346	136	-18	391	452282 5434975 264	2575
WST-20-0476	132	-33	403	452282 5434975 263	2575
WST-20-0477	131	-30	394	452282 5434976 263	2575
WST-20-0478	123	-31	391	452282 5434976 263	2575
WST-20-0479B	138	-59	393	452281 5434975 262	2575
WST-20-0480B	142	-52	382	452281 5434975 262	2575
WST-20-0496	173	-60	537	453227 5435125 134	3475
WST-20-0521	151	-58	385	452281 5434975 262	2575
WST-20-0522	177	-52	457	453104 5435064 231	3325

WST-20-0524	182	-44	243	453104 5435064 231	3325
WST-20-0534	143	-32	135	453315 5435165 124	3575
WST-20-0547	167	-53	487	453227 5435125 134	3475
WST-20-0552	165	-39	517	453257 5435209 97	3525
WST-20-0556	155	-26	163	452955 5435003 254	3175
WST-20-0566A	133	-16	368	452208 5434898 248	2475
WST-20-0567	139	-19	379	452208 5434898 248	2475
WST-20-0569	165	-59	526	453104 5435065 231	3325
WST-20-0570	159	-50	454	453104 5435065 231	3325
WST-20-0572A	136	-51	463	452955 5435004 252	3175
WST-20-0574	139	-62	370	452955 5435004 252	3175
WST-20-0578	151	-46	802	453418 5435306 68	3725
WST-20-0581	181	-60	474	453177 5435126 173	3425
WST-20-0589	147	-55	376	452281 5434975 263	2575
WST-20-0584	174	-19	205	453417 5435304 69	3725
WST-20-0626	194	-59	471	453176 5435125 173	3425

Lynx Zone
Mineralization occurs as grey to translucent quartz-carbonate-pyrite-tourmaline veins and pyrite replacement zones and stockworks. The vein-type 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.

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.

F-Zone
Mineralization is hosted in sheared andesites with carbonate replacement or quartz veining and occurs as quartz ? ankerite veinlets or in shear zones as replacement, characterised by trace to 10% pyrite with local visible gold. Alteration is dominated by sericite-fuchsite-tourmaline-pyrite.

Bobcat
Mineralization most commonly occurs in gold-bearing quartz-pyrite veins controlled by northeast trending faults and shears and to a lesser extent in minor crustiform quartz-tourmaline-ankerite-pyrite veins and pyrite replacement zones and stockwork. Mineralization is hosted in sheared mafic volcanics, rhyolites near faults, or at the contact with felsic porphyritic intrusions.

Mallard
Mineralization is hosted in sheared mafic volcanics with felsic porphyritic intrusions and occurs as veins associated with sericite-pyrite ? silica ? chlorite alteration and contains pyrite ranging from trace to 30% and local visible gold.

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 Osisko's 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 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 3.0 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 defined by Osisko, as disclosed in the news release dated February 17, 2021 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, certain of which are described in the February 17, 2021 news release, will be further described in the full technical report being prepared for this updated mineral resource estimate in accordance with NI 43-101, and will be available on SEDAR (www.sedar.com) under the Corporation's issuer profile within 45 days from February 17, 2021. 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 precious metal 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 2,700 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 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.

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