



OSISKO DEVELOPMENT

## **OSISKO DEVELOPMENT INTERSECTS 10.93 G/T GOLD OVER 12.0 METERS AT VALLEY ZONE DRILLING ON CARIBOO GOLD PROJECT**

**MONTREAL, April 12, 2021** – Osisko Development Corp. (“**Osisko Development**” or the “**Company**”) (TSX.V-ODV) is pleased to announce drilling results from the category conversion drill program campaign at its Cariboo Gold Project (“**Cariboo**”) in central British Columbia.

This news release states the assay results from holes CM-20-086 to CM-20-099 drilled in the Valley Zone in 2020 (Figures 1 and 2). Highlights include **10.81 g/t Au over 6.8 meters** including **100.50 g/t Au over 0.5 meter** in hole CM-20-086 and **10.93 g/t Au over 12.0 meters** in hole CM-20-089. The drilling hole CM-20-089 confirmed anomalous gold values within multiple modelled vein corridors as shown in Figure 3 and extended a vein corridor down dip an additional 35 meters. Complete assay highlights are presented in Table 1. A total of ten rigs are currently active on the property, four of which are at the Valley Zone deposit.

Chris Lodder, President of Osisko Development commented, “Drilling in the Valley Zone continues to confirm and expand the known vein corridors down dip and along strike. In light of recent highly positive drill results and the recent closing of the Flow Through financing, Osisko Development has expanded its 2021 Cariboo drill program to 200,000 meters and will actively bring further regional targets to drill stage.

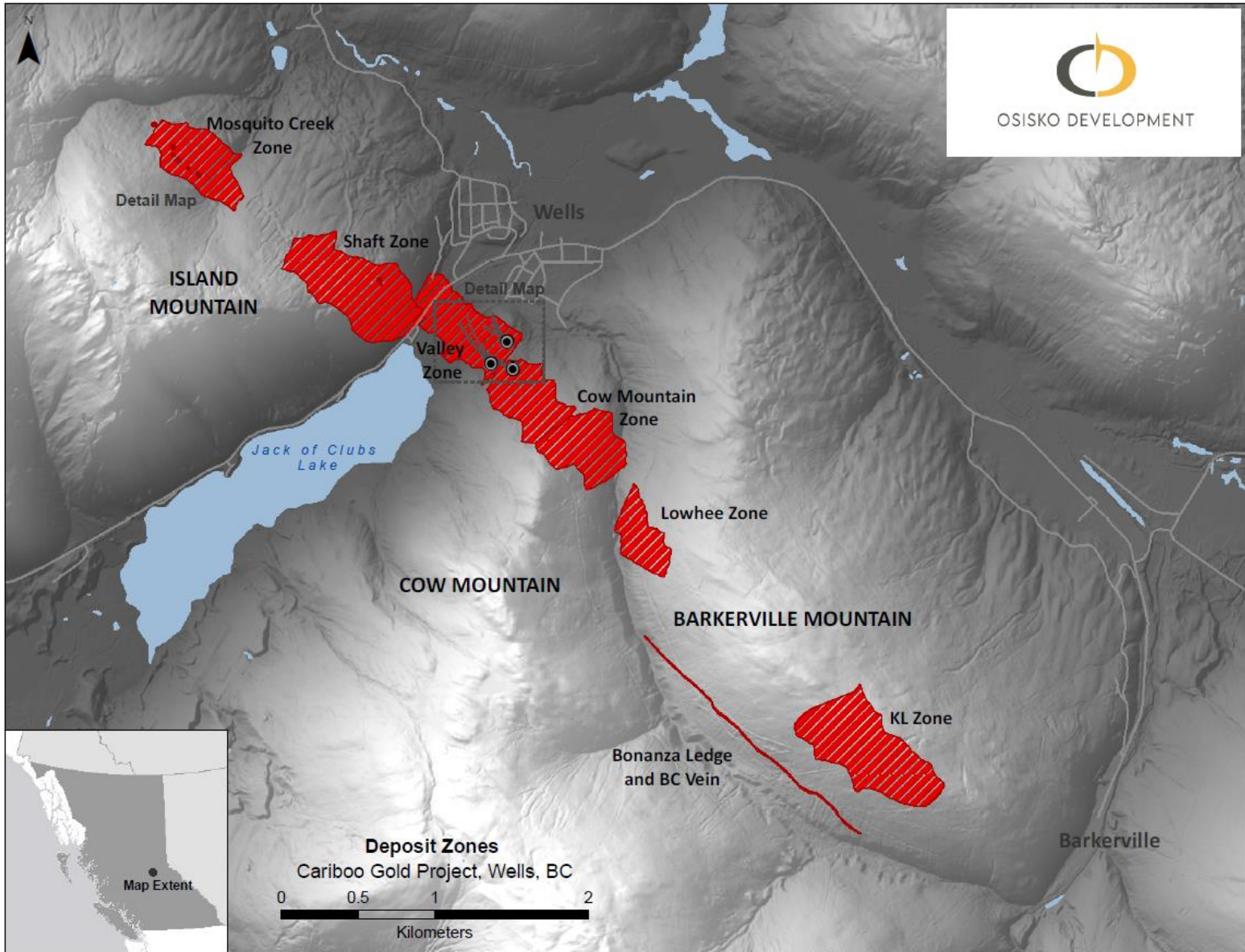
Further highlights from drilling at Valley Zone are presented below.

### **Valley Zone Drilling Highlights:**

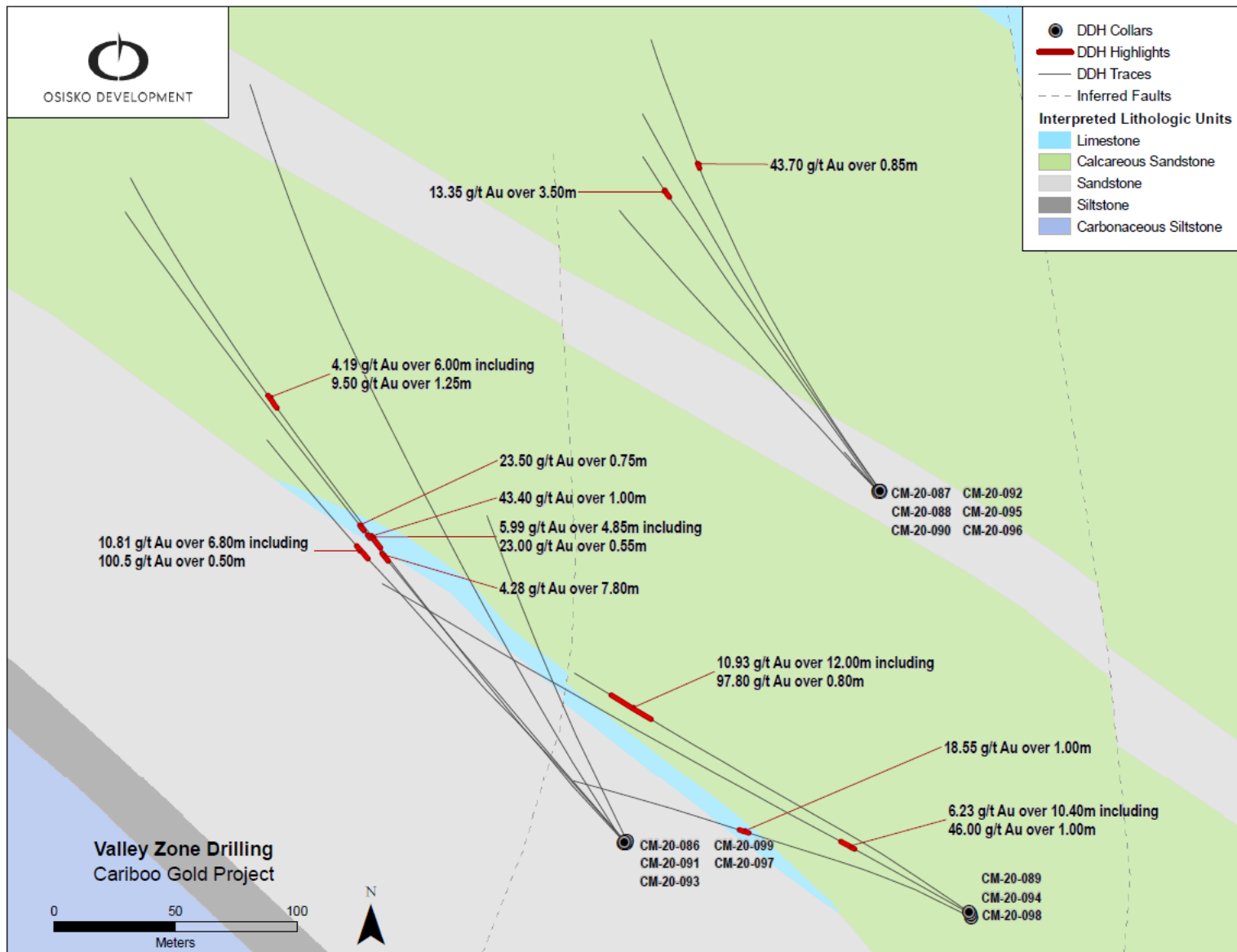
- CM-20-086: 10.81 g/t Au over 6.80 meters including 100.5 g/t Au over 0.50 meter
- CM-20-089: 10.93 g/t Au over 12.0 meters including 97.8 g/t Au over 0.80 meter
- CM-20-093: 4.28 g/t Au over 7.80 meters
- CM-20-093: 43.40 g/t Au over 1.00 meter
- CM-20-093: 23.50 g/t Au over 0.75 meter
- CM-20-096: 13.35 g/t Au over 3.50 meters
- CM-20-098: 6.23 g/t Au over 10.40 meters including 46.0 g/t Au over 1.00 meter
- CM-20-099: 5.99 g/t Au over 4.85 meters including 23.0 g/t Au over 0.55 meter
- CM-20-099: 4.19 g/t Au over 6.00 meters

Mineralized quartz veins on Cariboo are overall sub-vertical dip and northeast strike. **Vein corridors are defined as a high-density network of mineralized quartz veins within the axis of the F3 fold and hosted within the sandstones. Vein corridors are modelled at a minimum thickness of 2 meters and individual veins within each corridor range in width from millimeter to several meters** These corridors have been defined from surface to a vertical depth averaging 300 meters and remain open for expansion at depth. Gold grades are intimately associated with vein-hosted pyrite as well as pyritic, intensely silicified wall rock haloes in close proximity to the veins.

True widths are estimated to be 60% to 75% of reported core length intervals. Intervals not recovered by drilling were assigned zero grade. Top cuts have not been applied to high grade assays. Complete assay highlights are presented in Table 1, drill hole locations are listed in Table 2.



**Figure 1:** Cariboo Deposit Areas



**Figure 2:** Valley Zone plan map of drill hole locations

# CARIBOO GOLD PROJECT

## VALLEY ZONE

VERTICAL SECTION  
LOOKING NORTH EAST  
50 METER ENVELOPE

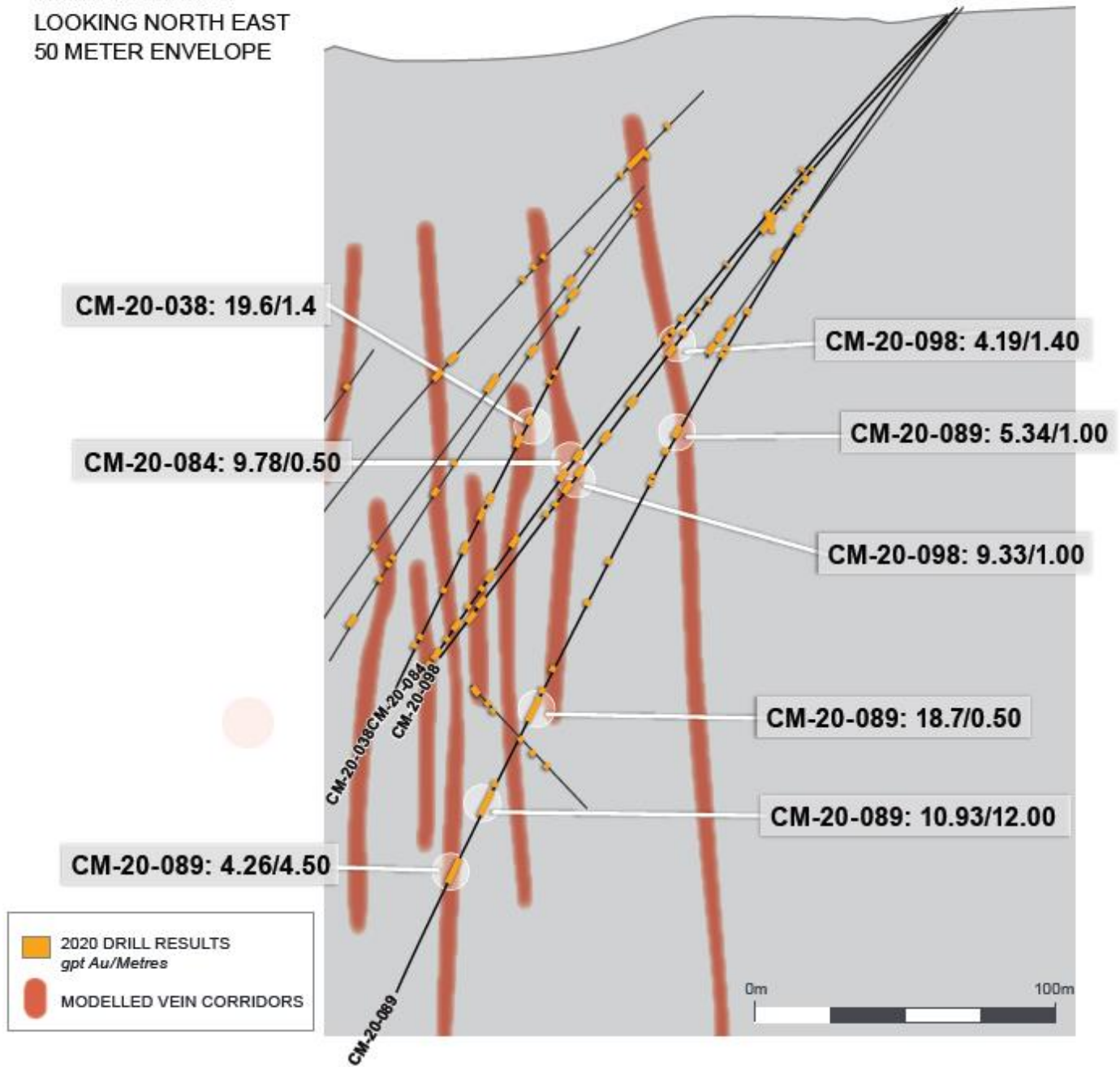


Figure 3: Drill hole Cross Section.

## Qualified Persons

Per National Instrument 43-101 Standards of Disclosure for Mineral Projects, Maggie Layman, P.Geo. Vice President Exploration of Osisko Development Corp., is a Qualified Person and has prepared, validated, and approved the technical and scientific content of this news release.

## Quality Assurance – Quality Control

Once received from the drill and processed, all drill core samples are sawn in half, labelled and bagged. The remaining drill core is subsequently stored on site at a secured facility in Wells, BC. Numbered security tags are applied to lab shipments for chain of custody requirements. Quality control (QC) samples are inserted at regular intervals in the sample stream, including blanks and reference materials with all sample shipments to monitor laboratory performance. The QAQC program was designed and approved by Lynda Bloom, P.Geo. of Analytical Solutions Ltd.

Drill core samples are submitted to ALS Geochemistry's analytical facility in North Vancouver, British Columbia for preparation and analysis. The ALS facility is accredited to the ISO/IEC 17025 standard for gold assays and all analytical methods include quality control materials at set frequencies with established data acceptance criteria. The entire sample is crushed, and 250 grams is pulverized. Analysis for gold is by 50g fire assay fusion with atomic absorption (AAS) finish with a lower limit of 0.01 ppm and upper limit of 100 ppm. Samples with gold assays greater than 100 ppm are re-analyzed using a 1,000g screen metallic fire assay. A selected number of samples are also analyzed using a 48 multi-elemental geochemical package by a 4-acid digestion, followed by Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES) and Inductively Coupled Plasma Mass Spectroscopy (ICP-MS).

## About Osisko Development Corp.

*Osisko Development Corp. is well-capitalized and uniquely positioned as a premier gold development company in North America to advance the Cariboo Gold Project and other Canadian and Mexican properties, with the objective of becoming the next mid-tier gold producer. The Cariboo Gold Project, located in central British Columbia, is Osisko Development's flagship asset with measured and indicated resources of 21.44 Mt at 4.6 Au g/t for a total of 3.2 million ounces of gold and inferred resource of 21.69 Mt at 3.9 Au g/t for a total of 2.7 million ounces of gold. The considerable exploration potential at depth and along strike distinguishes the Cariboo Gold Project relative to other development assets as does the historically low, all-in discovery costs of US \$19 per ounce. The Cariboo Gold Project is advancing through permitting as a 4,750 tonnes per day underground operation with a feasibility study on track for completion in the second half of 2021. Osisko Development's project pipeline is complemented by potential near-term production targeted from the San Antonio gold project, located in Sonora Mexico and early exploration stage properties including the Coulon Project and James Bay Properties located in Québec as well as the Guerrero Properties located in Mexico. Osisko Development began trading on the TSX Venture Exchange under the symbol "ODV" on December 2, 2020.*

## For further information, please contact Osisko Development Corp.:

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## Forward-looking Statements

Certain statements contained in this press release may be deemed “forward-looking statements” within the meaning of applicable Canadian and U.S. securities laws. These forward-looking statements, by their nature, require Osisko to make certain assumptions and necessarily involve known and unknown risks and uncertainties that could cause actual results to differ materially from those expressed or implied in these forward-looking statements. Forward-looking statements are not guarantees of performance. Words such as “may”, “will”, “would”, “could”, “expect”, “believe”, “plan”, “anticipate”, “intend”, “estimate”, “continue”, or the negative or comparable terminology, as well as terms usually used in the future and the conditional, are intended to identify forward-looking statements. Information contained in forward-looking statements is based upon certain material assumptions that were applied in drawing a conclusion or making a forecast or projection, including management’s perceptions of historical trends, current conditions and expected future developments, results of further exploration work to define and expand mineral resources, expected conclusions of optimization studies, that vein corridors continue to be defined as a high-density network of mineralized quartz within the axis of the F3 fold and hosted within the sandstones and that the deposit remains open for expansion at depth and down plunge, as well as other considerations that are believed to be appropriate in the circumstances. Osisko considers its assumptions to be reasonable based on information currently available, but cautions the reader that their assumptions regarding future events, many of which are beyond the control of Osisko, may ultimately prove to be incorrect since they are subject to risks and uncertainties that affect Osisko and its business. Such risks and uncertainties 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 to complete further exploration activities, including drilling; property and royalty interests in the Cariboo 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 and the responses of relevant governments to the COVID-19 outbreak and the effectiveness of such responses.

For additional information with respect to these and other factors and assumptions underlying the forward-looking statements made in this news release concerning Osisko Development, see the Filing Statement available electronically on SEDAR ([www.sedar.com](http://www.sedar.com)) under Osisko Development’s issuer profile. The forward-looking statements set forth herein concerning Osisko Development reflect management’s expectations as at the date of this news release and are subject to change after such date. Osisko Development disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, other than as required by law.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this news release. No stock exchange, securities commission or other regulatory authority has approved or disapproved the information contained herein.

**Table 1: Cariboo Gold Project 2020 Length Weighted Drill Hole Gold Composites**

HOLE ID	FROM (M)	TO (M)	LENGTH (M)	AU G/T
CM-20-086	204.80	205.30	0.50	4.61
	247.15	247.70	0.55	3.67
	248.80	249.30	0.50	8.62

		254.20	261.00	6.80	10.81
	INCLUDING	256.75	257.25	0.50	15.80
	AND	260.50	261.00	0.50	100.50
		314.75	315.25	0.50	3.61
CM-20-087	ABANDONED				
CM-20-088	NO SIGNIFICANT ASSAYS				
CM-20-089		87.25	87.75	0.50	9.17
		173.00	174.00	1.00	5.34
		222.50	223.00	0.50	7.59
		270.35	270.85	0.50	18.70
		270.85	271.50	0.65	8.99
		304.50	316.50	12.00	10.93
	INCLUDING	308.70	309.30	0.60	16.50
	AND	310.25	310.75	0.50	28.60
	AND	311.25	312.05	0.80	97.80
	AND	314.90	315.40	0.50	9.17
		336.00	340.50	4.50	4.26
	INCLUDING	337.50	338.25	0.75	9.97
	AND	338.25	339.00	0.75	10.30
CM-20-090		233.40	234.00	0.60	12.10
		244.50	245.50	1.00	11.35
		337.40	338.25	0.85	43.70
		341.15	341.70	0.55	3.21
CM-20-091		36.10	37.10	1.00	4.03
		156.90	159.50	2.60	4.35
	INCLUDING	157.50	158.50	1.00	6.70
		170.00	171.00	1.00	3.34
		171.60	173.00	1.40	3.30
		177.90	178.85	0.95	13.40
		195.25	195.75	0.50	5.40
CM-20-092		90.60	91.25	0.65	6.46
CM-20-093		223.00	223.50	0.50	3.49
		226.60	234.40	7.80	4.28
	INCLUDING	226.60	227.20	0.60	18.50
	AND	228.00	229.00	1.00	6.03
	AND	231.00	232.00	1.00	5.16
	AND	233.90	234.40	0.50	20.10
		239.00	239.70	0.70	9.64
		245.00	246.00	1.00	43.40
		249.55	250.30	0.75	23.50
		328.00	329.00	1.00	5.30
		466.00	466.50	0.50	15.80



CM-20-094		103.05	103.95	0.90	4.61
		156.25	157.00	0.75	3.49
		157.50	158.00	0.50	3.94
		165.00	166.00	1.00	18.55
		180.70	181.40	0.70	6.23
		251.00	251.50	0.50	3.44
CM-20-095	ABANDONED				
CM-20-096		77.50	79.00	1.50	4.18
		96.00	96.50	0.50	5.10
		335.00	336.00	1.00	11.05
		354.50	358.00	3.50	13.35
	INCLUDING	354.50	355.50	1.00	8.77
	AND	355.50	356.10	0.60	31.70
	AND	356.10	356.90	0.80	15.45
	AND	357.50	358.00	0.50	12.80
		368.50	370.70	2.20	5.07
	INCLUDING	368.50	369.00	0.50	5.53
	AND	370.20	370.70	0.50	12.85
		388.30	389.50	1.20	5.75
		400.40	400.90	0.50	13.15
	CM-20-097		264.95	265.70	0.75
		269.10	269.60	0.50	10.20
		278.65	281.70	3.05	4.88
INCLUDING		278.65	279.15	0.50	15.85
AND		281.20	281.70	0.50	11.45
		490.15	490.70	0.55	3.16
CM-20-098		80.10	90.50	10.40	6.23
	INCLUDING	80.10	81.10	1.00	46.00
	AND	90.00	90.50	0.50	21.70
		92.40	93.00	0.60	5.64
		103.50	104.30	0.80	64.00
		153.50	154.90	1.40	4.19
		210.05	212.05	2.00	6.04
	INCLUDING	210.05	211.05	1.00	9.33
	AND	211.55	212.05	0.50	5.33
		221.00	221.50	0.50	3.70
		255.50	256.90	1.40	4.29
		258.40	259.60	1.20	7.48
		436.55	437.05	0.50	5.85
CM-20-099		203.00	203.50	0.50	8.78
		219.20	219.70	0.50	32.20
		254.60	256.10	1.50	4.85

INCLUDING	254.60	255.10	0.50	4.48
AND	255.60	256.10	0.50	10.05
	263.90	268.75	4.85	5.99
INCLUDING	263.90	264.45	0.55	23.00
AND	264.45	265.20	0.75	6.23
AND	266.15	266.70	0.55	10.45
AND	268.25	268.75	0.50	9.22
	305.65	306.15	0.50	14.15
	365.30	371.30	6.00	4.19
INCLUDING	365.30	366.00	0.70	9.73
AND	368.25	369.50	1.25	9.50
	411.65	412.25	0.60	4.04
	414.00	414.50	0.50	15.30

**Table 2: Drill Hole Locations and Orientations**

HOLE ID	EASTING	NORTHING	ELEV	DIP	AZI	DEPTH (M)
CM-20-086	595545	5883879	1228	-47	319	357
CM-20-087	595650	5884023	1239	-52	314	27
CM-20-088	595649	5884024	1239	-53	325	351
CM-20-089	595686	5883850	1269	-52	304	384
CM-20-090	595650	5884024	1239	-56	325	492
CM-20-091	595545	5883880	1228	-46	334	219
CM-20-092	595649	5884023	1238	-56	317	342
CM-20-093	595545	5883879	1228	-43	319	534
CM-20-094	595687	5883848	1269	-49	296	300
CM-20-095	595649	5884024	1238	-56	319	39
CM-20-096	595649	5884024	1238	-57	324	411
CM-20-097	595544	5883879	1228	-44	328	550
CM-20-098	595687	5883850	1268	-48	299	468
CM-20-099	595544	5883879	1229	-49	317	603