NYSE: ODV TSXV: ODV

# **OSISKO DEVELOPMENT DEFINES CONTINUITY OF VEIN CORRIDORS ON CARIBOO GOLD PROJECT**

Montreal, Québec, November 15, 2022 – Osisko Development Corporation ("Osisko Development" or the "Company" - https://www.commodity-tv.com/ondemand/companies/profil/osisko-developmentcorp/) is pleased to announce drilling results from the 2022 exploration and category conversion drill campaign at its 100%-owned Cariboo Gold Project ("Cariboo"), located in central British Columbia.

#### **ACTIVITIES SUMMARY:**

- 6,500 meters of total infill drilling conducted in 2022 at the Lowhee Zone within Cariboo.
- 27 holes drilled at the Lowhee Zone at closely spaced 12.5 meter intervals within the area proposed for the Cariboo bulk sample (the "Bulk Sample") and other nearby high priority areas (refer to Figures 1 to 3).
- 10,000 tonnes of mineralized material available and targeted for the Bulk Sample, which is fullypermitted and benefits from a fully-constructed portal (Figure 4), which was excavated with the Company's Roadheader.
- The objective of the Bulk Sample would be to demonstrate the effectiveness of the Company's newly-constructed facility for sorting mineralized material ("Ore Sorting Facility"), which has been designed to seek to meaningfully increase head grade by pre-concentrating material and separating barren from mineralized material, which, if proven, could significantly reduce processing costs, energy costs and the overall environmental impact footprint (Figure 5).

#### **ASSAY HIGHLIGHTS:**

Final assay results of the drill campaign include holes BM-22-001 to BM-22-027. Detailed interval drill results and a drill hole location plan map are presented in Table 1 and 2, respectively, at the end of this news release. Selected assay highlights include:

- 7.13 grams per tonne gold ("g/t Au") over 3.20 meters ("m") in hole BM-22-001
- 32.88 g/t Au over 1.70 m in hole BM-22-003
- **47.30 g/t Au** over 0.50 m in hole BM-22-008
- **18.66 g/t Au** over 2.30 m in hole BM-22-010
- 20.20 g/t Au over 0.75 m in hole BM-22-013
- 16.82 g/t Au over 1.30 m in hole BM-22-014, including 42.50 g/t Au over 0.50 m
- **19.20 g/t Au** over 0.50 m in hole BM-22-015
- **55.20** g/t Au over 0.50 m in hole BM-22-018
- **7.92 g/t Au** over 4.85 m in hole BM-22-018
- **18.06** g/t Au over 2.30 m in hole BM-22-019, including **33.90** g/t Au over 0.50 m
- 8.07 g/t Au over 4.20 m in hole BM-22-020
- **14.63 g/t Au** over 2.35 m in hole BM-22-022
- 11.91 g/t Au over 6.60 m in hole BM-22-022, including 50.30 g/t Au over 0.50 m
- **17.79 g/t Au** over 2.70 m in hole BM-22-023
- 8.32 g/t Au over 6.00 m in hole BM-22-024
- **36.40 g/t Au** over 0.60 m in hole BM-22-025
- 62.30 g/t Au over 0.50 m in hole BM-22-025
- **7.13 g/t Au** over 4.10 m in hole BM-22-026
- **46.00 g/t Au** over 1.00 m in hole BM-22-027

### **Bulk Sample and Ore Sorting Facility Update**

The Bulk Sample, which is fully-permitted for 2,200 meters of development, is planned to be conducted at the Lowhee Zone within Cariboo. The Lowhee Deposit hosts indicated mineral resources totaling 188,000 ounces of gold ("oz Au") (1.60 million tonnes grading 3.6 g/t Au) and inferred mineral resources totaling 59,000 oz Au (0.52 million tonnes grading 3.5 g/t Au). For further information please see the Company's news release dated May 24, 2022 and the Cariboo Technical Report (as defined herein). The Cariboo Technical Report includes statements in relation to mineral resources. Mineral resources that are not mineral reserves do not have demonstrated economic viability.

It is intended that 10,000 tonnes of mineralized material will be extracted for the bulk sample from the Lowhee Zone using a completed portal allowing mining access. The Company then intends to process the mineralized material through its Ore Sorting Facility, which is designed to separate the sandstone (unmineralized waste) from the gold-associated pyrite quartz veins based on density. Figure 5 is an infographic illustrating the Ore Sorting process and click below for a video on the ore sorter, also on the Company website.

The Ore Sorting Facility employs low-cost, durable and energy efficient technology, that has been used for decades in numerous industrial applications, including in recycling and food waste sectors. The Company has already conducted testing on more than 5 tonnes of material, including from the Lowhee Zone, which has demonstrated that the mineralogy at the Cariboo Gold Project is well-suited to this sorting technology. The testing conducted to date has resulted in recoveries of gold averaging an estimated 93.9% and a separation of 57.4% of the waste material. In simple terms, the technology could, if proven, be expected to significantly increase the grade of the material to the mill and substantially reduce the volume of material processed to simultaneously increase grade while reducing costs.

Sean Roosen, CEO of Osisko Development, commented, "It is sometimes difficult to communicate to the market the effectiveness of the Ore Sorting Technology being implemented at the Cariboo Gold Project. Based on the results to date, which we hope to further validate by our bulk sample once conducted, we could potentially remove over 50% of our waste material at minimal cost to focus our processing efforts on the mineralized material in the high-grade veins. The reason why Cariboo is so conducive to this technology is because the resource is comprised of two very different types of rock. Sandstone, which does not contain gold, is low density. Whereas, our gold is contained uniquely within pyrite hosted in quartz veins, which is very high density. The simplest analogy I've been able to come up with so far is that our rock is like a chocolate chip cookie and all we want are the chocolate chips. Once we crumble the cookies, the ore sorter takes care of separating the chocolate chips from the crumbled cookie."

A visual video representation of the ore sorter technology may be viewed <u>HERE</u> or by accessing the following link: <a href="https://youtu.be/RKemT1H33EE">https://youtu.be/RKemT1H33EE</a>.

#### **Vein Corridors**

Vein Corridors of the Cariboo Gold Project mineral resource are defined as a high-density network of mineralized quartz veins hosted within unmineralized sandstone. Individual mineralized veins within these corridors have widths varying from centimeters to several meters and strike lengths from a few meters to over 50 meters. These corridors have been defined from surface to a vertical depth averaging 300 meters and remain open for expansion at depth and along strike. Gold grades are intimately associated with quartz vein-hosted pyrite as well as pyritic, intensely silicified wall rock haloes in close proximity to the veins.

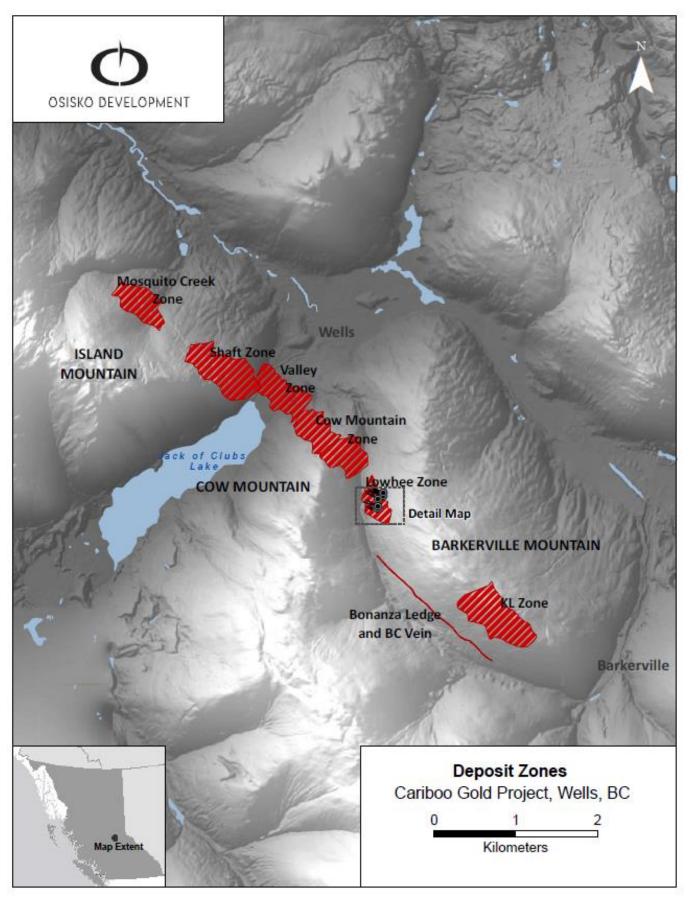


Figure 1: Cariboo Gold Project Deposits Location

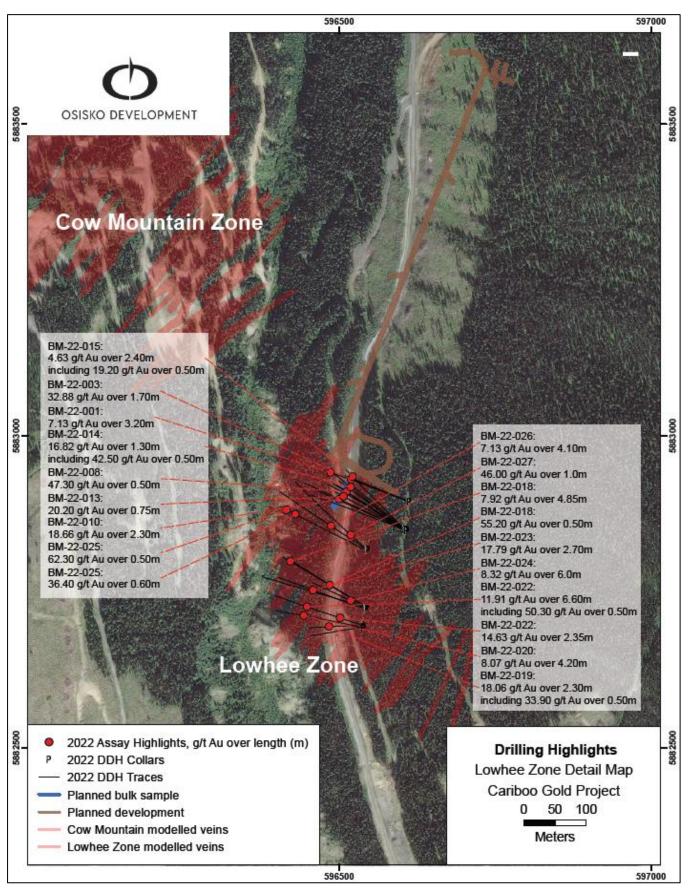


Figure 2: Lowhee Zone 2022 Drill Highlights

# LOWHEE ZONE PROPOSED BULK SAMPLE

OSISKO DEVELOPMENT

LONG SECTION DRILL RESULTS
10 METER ENVELOPE (LOOKING NORTHWEST)

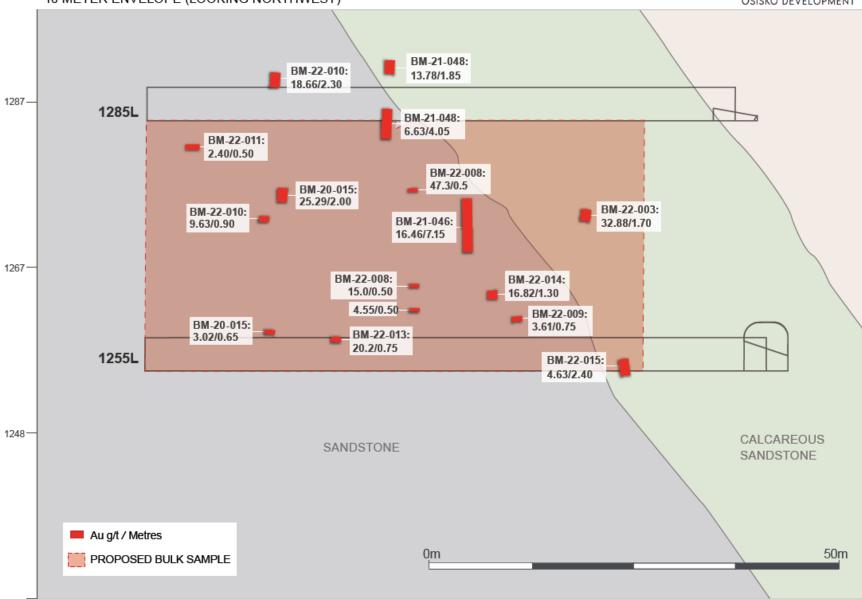


Figure 3: Lowhee Proposed Bulk Sample Infill Drilling Highlights



Figure 4: Images of portal to Lowhee Zone on Barkerville Mountain

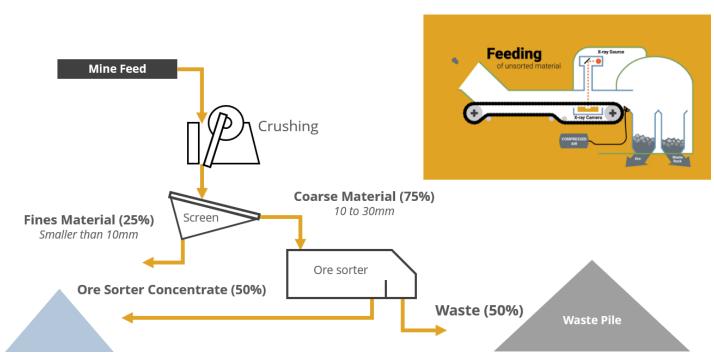


Figure 5: Infographic of Ore Sorting Preconcentration Process

Table 1: Cariboo Gold Project 2022 Length Weighted Drill Hole Gold Composites

Hole ID		From (m)	To (m)	Length (m)	Gold (g/t)
BM-22-001		228.70	229.20	0.50	3.62
		233.40	236.60	3.20	7.13
	Including	234.55	235.15	0.60	22.90
	and	236.10	236.60	0.50	10.90
		243.20	243.70	0.50	4.71
BM-22-002	No Significant Assays				
BM-22-003		210.00	211.70	1.70	32.88
BM-22-004		211.70	212.70	1.00	4.47
BM-22-005		228.00	228.75	0.75	3.17
BM-22-006		187.85	192.00	4.15	4.53
	Including	187.85	188.35	0.50	15.35
	and	190.50	192.00	1.50	6.15
		196.30	196.80	0.50	6.82
BM-22-007	No Significant Assays				
BM-22-008		196.25	196.75	0.50	37.40
		223.20	223.70	0.50	47.30
		237.60	238.10	0.50	15.00
		241.25	241.75	0.50	4.55
		248.20	248.80	0.60	5.49
BM-22-009		234.00	234.75	0.75	3.61
BM-22-010		200.00	201.00	1.00	7.23
		210.75	213.05	2.30	18.66
		233.10	234.00	0.90	9.63
		254.60	255.10	0.50	120.50
		294.60	295.10	0.50	15.10
BM-22-011		183.10	183.85	0.75	3.01
BM-22-012		284.50	285.00	0.50	2.67
BM-22-013		202.90	203.80	0.90	4.85
		234.75	235.50	0.75	20.20
		263.00	263.50	0.50	30.70
		265.10	265.80	0.70	2.88
BM-22-014		228.00	229.30	1.30	16.82
	Including	228.80	229.30	0.50	42.50
		259.70	260.90	1.20	4.72
	Including	260.40	260.90	0.50	8.54
BM-22-015		241.60	244.00	2.40	4.63
	Including	243.50	244.00	0.50	19.20
BM-22-016		50.00	50.50	0.50	17.05
		62.50	63.00	0.50	8.08
		79.20	80.50	1.30	9.99
		100.00	100.50	0.50	16.45
		114.50	115.00	0.50	7.65

Hole ID	From (m)	To (m)	Length (m)	Gold (g/t)
	129.30	130.00	0.70	5.80
	166.50	170.50	4.00	3.25
Including	167.70	168.20	0.50	12.15
and	170.00	170.50	0.50	6.74
	184.50	185.00	0.50	12.60
BM-22-017	32.30	33.00	0.70	9.38
	69.00	70.00	1.00	8.74
	80.10	81.30	1.20	7.28
	125.00	125.50	0.50	4.73
BM-22-018	28.00	28.50	0.50	3.80
	50.00	50.50	0.50	5.88
	57.50	60.00	2.50	2.72
	57.50	58.00	0.50	9.34
	64.00	64.50	0.50	4.05
	67.90	68.40	0.50	3.48
	73.00	73.70	0.70	13.55
	98.50	99.00	0.50	55.20
	120.75	121.25	0.50	6.25
	127.00	127.60	0.60	7.00
	133.00	135.00	2.00	9.88
Including	133.00	133.70	0.70	22.70
	162.90	163.50	0.60	36.40
	166.50	167.00	0.50	10.50
	205.90	210.75	4.85	7.92
Including	205.90	206.40	0.50	21.70
and	207.00	207.50	0.50	7.30
and	209.35	210.00	0.65	19.00
and	210.00	210.75	0.75	15.05
	216.00	216.50	0.50	5.02
	224.20	224.80	0.60	3.17
BM-22-019	14.30	14.80	0.50	4.31
	64.50	66.00	1.50	15.45
	77.60	78.20	0.60	8.56
	115.00	115.50	0.50	4.60
	131.50	133.80	2.30	18.06
Including	131.50	132.30	0.80	19.30
and	132.80	133.30	0.50	12.95
and	133.30	133.80	0.50	33.90
	142.00	143.00	1.00	6.02
	209.20	209.70	0.50	4.61
BM-22-020	15.40	16.35	0.95	14.30
	64.70	65.20	0.50	5.83
	75.00	77.00	2.00	6.12

Hole ID	From (m)	To (m)	Length (m)	Gold (g/t)
Including	75.70	76.50	0.80	9.10
and	76.50	77.00	0.50	8.44
	101.70	103.00	1.30	8.98
	136.00	140.20	4.20	8.07
Including	136.00	136.50	0.50	29.00
and	137.50	138.00	0.50	9.25
and	138.50	139.00	0.50	20.20
BM-22-021	14.50	15.00	0.50	16.10
	38.20	38.70	0.50	27.00
	42.00	42.50	0.50	8.58
	55.10	55.70	0.60	24.80
	58.50	61.25	2.75	2.66
Including	58.50	59.00	0.50	10.40
	63.00	63.60	0.60	11.15
	84.75	86.30	1.55	6.34
Including	84.75	85.70	0.95	9.77
	94.50	95.20	0.70	5.70
BM-22-022	50.35	50.85	0.50	7.28
	61.00	63.35	2.35	14.63
Including	62.00	63.35	1.35	18.15
	73.40	73.90	0.50	3.19
	94.40	97.50	3.10	4.64
Including	94.40	95.30	0.90	11.25
and	97.00	97.50	0.50	8.07
	136.15	136.75	0.60	4.25
	142.00	142.60	0.60	35.90
	146.40	153.00	6.60	11.91
Including	146.40	147.30	0.90	32.20
and	147.30	148.50	1.20	11.05
and	150.50	151.00	0.50	16.50
and	152.50	153.00	0.50	50.30
	156.30	156.80	0.50	3.17
	192.70	193.70	1.00	4.59
BM-22-023	50.60	51.10	0.50	11.75
	69.00	70.00	1.00	16.97
Including	69.00	69.50	0.50	25.30
	121.50	122.60	1.10	12.43
Including	121.50	122.00	0.50	23.30
	141.60	144.30	2.70	17.79
Including	141.60	142.20	0.60	36.10
and	142.20	142.80	0.60	38.20
	146.40	147.00	0.60	2.91
	148.70	149.40	0.70	3.54

169.00	Hole ID		From (m)	To (m)	Length (m)	Gold (g/t)
BM-22-024			169.00	170.00	1.00	3.81
BM-22-024			178.80	182.70	3.90	2.22
BM-22-024         Including and body and and body an			201.50	202.10	0.60	2.36
Including and   50.50   51.50   1.00   16.65   1.50   1.00   16.65   1.50   1.00   16.65   1.50   1.50   1.00   16.65   1.50			216.50	218.00	1.50	2.86
BM-22-025   Including   129.00   129.	BM-22-024		49.00	55.00	6.00	8.32
BM-22-025   Including   Incl		Including	49.00	49.70	0.70	14.75
Part		and	50.50	51.50	1.00	16.65
		and	51.50	52.40	0.90	19.20
BM-22-026   Including   Incl			75.00	78.25	3.25	7.60
BM-22-026   BM-22-026   BM-22-027   BM-2		Including	76.00	76.70	0.70	25.00
Including   93.50   95.00   1.50   10.66     141.50   142.00   0.50   5.60     157.00   157.50   0.50   0.70     163.10   163.60   0.50   10.05     166.60   167.10   0.50   15.60     166.60   167.10   0.50   15.60     167.50   69.30   0.70   10.45     167.50   69.30   0.50   0.50     188.70   119.20   0.50   0.50   0.50     118.70   119.20   0.50   0.50   0.50     118.70   119.20   0.50   0.50   0.50     118.70   119.20   0.50   0.60   0.61     181.20   129.60   0.60   0.61     181.20   181.80   0.60   0.60   0.60     181.20   181.80   0.60   0.65     16.60   167.50   0.50   0.50   0.55     16.60   167.50   0.50   0.50   0.50     16.60   167.50   0.50   0.50   0.50     16.60   0.50   0.50   0.50   0.50     16.60   0.50   0.50   0.50     16.60   0.50   0.50   0.50     16.60   0.50   0.50   0.50		and	76.70	77.25	0.55	8.18
Including   94.00   95.00   1.00   13.90   141.50   142.00   0.50   5.60   157.00   157.50   0.50   2.77   163.10   163.60   0.50   10.05   166.60   167.10   0.50   15.60   166.60   167.10   0.50   15.60   166.60   167.10   0.50   15.60   166.60   167.10   0.50   15.60   166.60   167.10   0.50   15.60   167.50   169.50   16			88.30	90.00	1.70	2.37
141.50			93.50	95.00	1.50	10.66
157.00		Including	94.00	95.00	1.00	13.90
BM-22-025         34.20         34.90         0.50         15.60           Including         68.80         69.30         1.80         7.52           Including         68.80         69.30         0.50         23.30           Including         68.80         69.30         0.50         23.30           118.70         119.20         0.50         4.24           127.60         129.60         2.00         2.64           Including         129.00         129.60         0.60         61.4           181.20         181.80         0.60         36.40           201.00         208.50         7.50         5.55           Including         204.50         205.00         0.50         62.30           and         207.00         208.50         7.50         5.55           BM-22-026         33.00         33.70         0.50         5.28           63.30         64.00         0.70         3.04           95.60         99.70         4.10         7.13           Including         95.60         99.70         4.10         7.13           and         99.50         99.70         0.50         20.40           a			141.50	142.00	0.50	5.60
BM-22-025         34.20         34.90         0.70         10.45           67.50         69.30         1.80         7.52           67.50         69.30         1.80         7.52           118.70         119.20         0.50         23.30           127.60         129.60         2.00         2.64           127.60         129.60         0.60         6.14           181.20         181.80         0.60         36.40           201.00         208.50         7.50         5.55           Including         204.50         205.00         0.50         62.30           and         207.50         205.00         0.50         62.30           BM-22-026         33.00         33.70         0.70         5.28           63.30         64.00         0.70         5.28           95.60         99.70         4.10         7.13           10cluding         95.60         99.70         4.10         7.13           10cluding         95.60         99.70         0.50         10.40           10cluding         95.60         99.70         0.50         23.90           174.00         174.50         0.50         10.40			157.00	157.50	0.50	2.77
BM-22-025         34.20         34.90         0.70         10.45           67.50         69.30         1.80         7.52           67.50         69.30         0.50         23.30           118.70         119.20         0.50         4.24           127.60         129.60         2.00         2.64           Including         129.00         129.60         0.60         6.14           181.20         181.80         0.60         36.40           201.00         208.50         7.50         5.55           Including         204.50         205.00         0.50         62.30           and         207.00         207.50         0.50         7.39           and         207.50         208.50         1.00         4.96           BM-22-026         33.00         33.70         0.70         5.28           63.30         64.00         0.70         3.04           95.60         99.70         4.10         7.13           Including         95.60         99.70         0.50         15.15           and         99.20         0.70         15.15           and         205.00         29.70         0.50			163.10	163.60	0.50	10.05
Including   68.80   69.30   1.80   7.52     118.70   119.20   0.50   4.24     127.60   129.60   2.00   2.64     181.20   181.80   0.60   61.44     181.20   181.80   0.60   36.40     201.00   208.50   7.50   5.55     Including   204.50   205.00   0.50   62.30     and   207.00   207.50   0.50   7.39     and   207.50   208.50   1.00   4.96      BM-22-026   33.00   33.70   0.70   5.28     63.30   64.00   0.70   3.04     95.60   99.70   4.10   7.13     Including   95.60   96.10   0.50   10.40     and   98.50   99.20   0.70   15.15     and   99.20   99.70   0.50   23.90     174.00   174.50   0.50   10.40     and   205.00   213.50   8.50   2.24     Including   205.00   205.50   0.50   4.91     and   206.30   207.00   0.70   7.00     and   206.30   207.00   0.50   4.93     and   207.00   207.50   0.50   0.50   4.93     and   207.00   207.50   0.50   0.50   4.93     and   207.00   207.50   0.50   0.50     and   207.00			166.60	167.10	0.50	15.60
Including   68.80   69.30   0.50   23.30   118.70   119.20   0.50   4.24   127.60   129.60   2.00   2.64   129.60   129.60   0.60   6.14   181.20   181.80   0.60   36.40   201.00   208.50   7.50   5.55   201.00   207.50   0.50   62.30   30.40	BM-22-025		34.20	34.90	0.70	10.45
118.70   119.20   0.50   4.24   127.60   129.60   2.00   2.64   129.60   129.60   0.60   6.14   129.00   129.60   0.60   6.14   120.00   129.60   0.60   36.40   201.00   208.50   7.50   5.55   10.00   204.50   205.00   0.50   62.30   and   207.00   207.50   0.50   7.39   and   207.50   208.50   1.00   4.96   207.50   208.50   1.00   4.96   207.50   208.50   1.00   4.96   207.50   208.50   1.00   4.96   207.50   208.50   1.00   4.96   207.50   208.50   1.00   4.96   207.50   208.50   1.00   4.96   207.50   208			67.50	69.30	1.80	7.52
127.60   129.60   2.00   2.64     129.00   129.60   0.60   6.14     181.20   181.80   0.60   36.40     201.00   208.50   7.50   5.55     10cluding   204.50   205.00   0.50   62.30     and   207.00   207.50   0.50   7.39     and   207.50   208.50   1.00   4.96      BM-22-026   33.00   33.70   0.70   5.28     63.30   64.00   0.70   3.04     95.60   99.70   4.10   7.13     Including   95.60   99.70   4.10   7.13     and   98.50   99.20   0.70   15.15     and   99.20   99.70   0.50   23.90     174.00   174.50   0.50   10.40     205.00   213.50   8.50   2.24     Including   205.00   205.50   0.50   4.91     and   206.30   207.00   0.70   7.00     and   207.00   207.50   0.50   4.93     BM-22-027   49.60   58.50   8.90   5.69		Including	68.80	69.30	0.50	23.30
Including   129.00   129.60   0.60   6.14     181.20   181.80   0.60   36.40     201.00   208.50   7.50   5.55     Including   204.50   205.00   0.50   62.30     and   207.00   207.50   0.50   7.39     and   207.50   208.50   1.00   4.96     BM-22-026   33.00   33.70   0.70   5.28     63.30   64.00   0.70   3.04     95.60   99.70   4.10   7.13     Including   95.60   96.10   0.50   10.40     and   98.50   99.20   0.70   15.15     and   99.20   99.70   0.50   23.90     174.00   174.50   0.50   10.40     205.00   213.50   8.50   2.24     Including   205.00   205.50   0.50   4.91     and   206.30   207.00   0.70   7.00     and   207.00   207.50   0.50   4.93     and   207.00   207.50   0.50   4.93     and   207.00   207.50   0.50   4.93     BM-22-027   49.60   58.50   8.90   5.69			118.70	119.20	0.50	4.24
181.20			127.60	129.60	2.00	2.64
Description		Including	129.00	129.60	0.60	6.14
Including and 207.00 207.50 0.50 62.30 and 207.50 208.50 1.00 4.96			181.20	181.80	0.60	36.40
and			201.00	208.50	7.50	5.55
BM-22-026         and         207.50         208.50         1.00         4.96           BM-22-026         33.00         33.70         0.70         5.28           63.30         64.00         0.70         3.04           95.60         99.70         4.10         7.13           Including         95.60         96.10         0.50         10.40           and         98.50         99.20         0.70         15.15           and         99.20         99.70         0.50         23.90           174.00         174.50         0.50         10.40           205.00         213.50         8.50         2.24           Including         205.00         205.50         0.50         4.91           and         206.30         207.00         0.70         7.00           and         207.00         207.50         0.50         4.93           and         212.50         213.00         0.50         11.20           BM-22-027         49.60         58.50         8.90         5.69		Including	204.50	205.00	0.50	62.30
BM-22-026       33.00       33.70       0.70       5.28         63.30       64.00       0.70       3.04         95.60       99.70       4.10       7.13         Including       95.60       96.10       0.50       10.40         and       98.50       99.20       0.70       15.15         and       99.20       99.70       0.50       23.90         174.00       174.50       0.50       10.40         205.00       213.50       8.50       2.24         Including       205.00       205.50       0.50       4.91         and       206.30       207.00       0.70       7.00         and       207.00       207.50       0.50       4.93         BM-22-027       49.60       58.50       8.90       5.69		and	207.00	207.50	0.50	7.39
63.30   64.00   0.70   3.04   95.60   99.70   4.10   7.13   10cluding   95.60   96.10   0.50   10.40   and   98.50   99.20   0.70   15.15   and   99.20   99.70   0.50   23.90   174.00   174.50   0.50   10.40   205.00   213.50   8.50   2.24   10cluding   205.00   205.50   0.50   4.91   and   206.30   207.00   0.70   7.00   and   207.00   207.50   0.50   4.93   and   212.50   213.00   0.50   11.20   1.20		and	207.50	208.50	1.00	4.96
Page 10   Page	BM-22-026		33.00	33.70	0.70	5.28
Including and			63.30	64.00	0.70	3.04
and			95.60	99.70	4.10	7.13
and       99.20       99.70       0.50       23.90         174.00       174.50       0.50       10.40         205.00       213.50       8.50       2.24         Including       205.00       205.50       0.50       4.91         and       206.30       207.00       0.70       7.00         and       207.00       207.50       0.50       4.93         and       212.50       213.00       0.50       11.20         BM-22-027       49.60       58.50       8.90       5.69		Including	95.60	96.10	0.50	10.40
174.00		and	98.50	99.20	0.70	15.15
205.00   213.50   8.50   2.24		and	99.20	99.70	0.50	23.90
Including and and 206.30     205.50     0.50     4.91       and 206.30     207.00     0.70     7.00       and 207.00     207.50     0.50     4.93       and 212.50     213.00     0.50     11.20       BM-22-027     49.60     58.50     8.90     5.69			174.00	174.50	0.50	10.40
and			205.00	213.50	8.50	2.24
and and207.00207.500.504.93and212.50213.000.5011.20BM-22-02749.6058.508.905.69		Including	205.00	205.50	0.50	4.91
and         212.50         213.00         0.50         11.20           BM-22-027         49.60         58.50         8.90         5.69		and	206.30	207.00	0.70	7.00
BM-22-027 49.60 58.50 8.90 5.69		and	207.00	207.50	0.50	4.93
		and	212.50	213.00	0.50	11.20
Including 50.30 51.30 1.00 46.00	BM-22-027		49.60	58.50	8.90	5.69
		Including	50.30	51.30	1.00	46.00

Hole ID	From (m)	To (m)	Length (m)	Gold (g/t)
	121.15	121.90	0.75	6.08
	186.30	186.85	0.55	10.05
	214.50	215.00	0.50	4.06

#### Notes:

True widths are estimated to be between 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. Drill hole locations are listed in Table 2.

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

BM-22-003         596613         5882894         1459         -60         290         222           BM-22-004         596605         5882847         1464         -49         305         225           BM-22-005         596608         5882849         1473         -51         302         252           BM-22-006         596610         5882847         1471         -56         304         252           BM-22-007         596608         5882849         1471         -58         301         156           BM-22-008         596608         5882849         1471         -58         301         156           BM-22-009         596608         5882849         1470         -62         308         261           BM-22-010         596607         5882849         1466         -55         293         330           BM-22-011         596607         5882849         1465         -57         288         309           BM-22-012         596608         5882849         1465         -60         291         309           BM-22-013         596607         5882849         1465         -61         297         270           BM-22-014         596607	HOLE ID	EASTING	NORTHING	ELEV	DIP	AZI	DEPTH (M)
BM-22-003         596613         5882894         1459         -60         290         222           BM-22-004         596605         5882847         1464         -49         305         225           BM-22-005         596608         5882849         1473         -51         302         252           BM-22-006         596610         5882847         1471         -56         304         252           BM-22-007         596608         5882849         1471         -58         301         156           BM-22-008         596608         5882849         1471         -58         301         156           BM-22-009         596608         5882849         1470         -62         308         261           BM-22-010         596607         5882849         1466         -55         293         330           BM-22-011         596607         5882849         1465         -57         288         309           BM-22-012         596608         5882849         1465         -60         291         309           BM-22-013         596607         5882849         1465         -61         297         270           BM-22-014         596607	BM-22-001	596612	5882895	1459	-53	291	261
BM-22-004         596605         5882847         1464         -49         305         225           BM-22-005         596608         5882849         1473         -51         302         252           BM-22-006         596610         5882847         1471         -56         304         252           BM-22-007         596608         5882849         1471         -58         301         156           BM-22-008         596608         5882848         1469         -60         301         264           BM-22-009         596608         5882849         1470         -62         308         261           BM-22-010         596607         5882849         1466         -55         293         330           BM-22-011         596607         5882849         1465         -57         288         309           BM-22-012         596608         5882849         1465         -60         291         309           BM-22-013         596607         5882849         1465         -61         297         270           BM-22-014         596607         5882849         1464         -61         306         306           BM-22-015         596606	BM-22-002	596613	5882895	1459	-56	292	216
BM-22-005         596608         5882849         1473         -51         302         252           BM-22-006         596610         5882847         1471         -56         304         252           BM-22-007         596608         5882849         1471         -58         301         156           BM-22-008         596608         5882848         1469         -60         301         264           BM-22-009         596608         5882849         1470         -62         308         261           BM-22-010         596607         5882849         1466         -55         293         330           BM-22-011         596607         5882849         1465         -57         288         309           BM-22-012         596608         5882849         1465         -60         291         309           BM-22-013         596607         5882849         1465         -61         297         270           BM-22-014         596607         5882849         1464         -61         306         306           BM-22-015         596606         5882850         1466         -60         312         276           BM-22-016         596544	BM-22-003	596613	5882894	1459	-60	290	222
BM-22-006         596610         5882847         1471         -56         304         252           BM-22-007         596608         5882849         1471         -58         301         156           BM-22-008         596608         5882848         1469         -60         301         264           BM-22-009         596608         5882849         1470         -62         308         261           BM-22-010         596607         5882849         1466         -55         293         330           BM-22-011         596607         5882849         1465         -57         288         309           BM-22-012         596608         5882849         1465         -60         291         309           BM-22-013         596607         5882849         1465         -61         297         270           BM-22-014         596607         5882849         1465         -61         297         270           BM-22-014         596607         5882849         1466         -60         312         276           BM-22-015         596606         5882850         1466         -60         312         276           BM-22-016         596544	BM-22-004	596605	5882847	1464	-49	305	225
BM-22-007         596608         5882849         1471         -58         301         156           BM-22-008         596608         5882848         1469         -60         301         264           BM-22-009         596608         5882849         1470         -62         308         261           BM-22-010         596607         5882849         1466         -55         293         330           BM-22-011         596607         5882849         1465         -57         288         309           BM-22-012         596608         5882849         1465         -60         291         309           BM-22-013         596607         5882849         1465         -61         297         270           BM-22-014         596607         5882849         1465         -61         297         270           BM-22-014         596607         5882849         1466         -61         306         306           BM-22-015         596606         5882850         1466         -60         312         276           BM-22-016         596544         5882725         1466         -44         285         243           BM-22-018         596540	BM-22-005	596608	5882849	1473	-51	302	252
BM-22-008         596608         5882848         1469         -60         301         264           BM-22-009         596608         5882849         1470         -62         308         261           BM-22-010         596607         5882849         1466         -55         293         330           BM-22-011         596607         5882849         1465         -57         288         309           BM-22-012         596608         5882849         1465         -60         291         309           BM-22-013         596607         5882849         1465         -61         297         270           BM-22-014         596607         5882849         1464         -61         306         306           BM-22-014         596607         5882849         1464         -61         306         306           BM-22-015         596606         5882850         1466         -60         312         276           BM-22-016         596544         5882725         1466         -44         285         243           BM-22-017         596544         5882725         1465         -48         300         231           BM-22-018         596540	BM-22-006	596610	5882847	1471	-56	304	252
BM-22-009         596608         5882849         1470         -62         308         261           BM-22-010         596607         5882849         1466         -55         293         330           BM-22-011         596607         5882849         1465         -57         288         309           BM-22-012         596608         5882849         1465         -60         291         309           BM-22-013         596607         5882849         1465         -61         297         270           BM-22-014         596607         5882849         1464         -61         306         306           BM-22-015         596606         5882850         1466         -60         312         276           BM-22-016         596544         5882725         1466         -44         285         243           BM-22-017         596544         5882725         1465         -48         300         231           BM-22-018         596544         5882725         1466         -44         299         231           BM-22-019         596540         5882692         1465         -63         278         216           BM-22-021         596540	BM-22-007	596608	5882849	1471	-58	301	156
BM-22-010         596607         5882849         1466         -55         293         330           BM-22-011         596607         5882849         1465         -57         288         309           BM-22-012         596608         5882849         1465         -60         291         309           BM-22-013         596607         5882849         1465         -61         297         270           BM-22-014         596607         5882849         1464         -61         306         306           BM-22-015         596606         5882850         1466         -60         312         276           BM-22-015         596606         5882850         1466         -60         312         276           BM-22-016         596544         5882725         1466         -44         285         243           BM-22-017         596544         5882725         1465         -48         300         231           BM-22-018         596540         5882692         1465         -63         278         216           BM-22-020         596540         5882693         1465         -44         280         207           BM-22-021         596540	BM-22-008	596608	5882848	1469	-60	301	264
BM-22-011         596607         5882849         1465         -57         288         309           BM-22-012         596608         5882849         1465         -60         291         309           BM-22-013         596607         5882849         1465         -61         297         270           BM-22-014         596607         5882849         1464         -61         306         306           BM-22-015         596606         5882850         1466         -60         312         276           BM-22-016         596544         5882725         1466         -44         285         243           BM-22-017         596544         5882725         1465         -48         300         231           BM-22-018         596544         5882725         1466         -44         299         231           BM-22-019         596540         5882692         1465         -63         278         216           BM-22-020         596540         5882693         1465         -44         280         207           BM-22-021         596540         5882694         1465         -60         262         183           BM-22-022         596540	BM-22-009	596608	5882849	1470	-62	308	261
BM-22-012         596608         5882849         1465         -60         291         309           BM-22-013         596607         5882849         1465         -61         297         270           BM-22-014         596607         5882849         1464         -61         306         306           BM-22-015         596606         5882850         1466         -60         312         276           BM-22-016         596544         5882725         1466         -44         285         243           BM-22-017         596544         5882725         1465         -48         300         231           BM-22-018         596544         5882725         1466         -44         299         231           BM-22-019         596540         5882692         1465         -63         278         216           BM-22-020         596540         5882693         1465         -44         280         207           BM-22-021         596540         5882694         1465         -60         262         183           BM-22-022         596540         5882696         1465         -50         287         240           BM-22-023         596544	BM-22-010	596607	5882849	1466	-55	293	330
BM-22-013 596607 5882849 1465 -61 297 270 BM-22-014 596607 5882849 1464 -61 306 306 BM-22-015 596606 5882850 1466 -60 312 276 BM-22-016 596544 5882725 1466 -44 285 243 BM-22-017 596544 5882725 1465 -48 300 231 BM-22-018 596544 5882725 1466 -44 299 231 BM-22-019 596540 5882692 1465 -63 278 216 BM-22-020 596540 5882693 1465 -44 280 207 BM-22-021 596540 5882694 1465 -60 262 183 BM-22-022 596540 5882696 1465 -50 287 240 BM-22-023 596544 5882722 1464 -50 287 240 BM-22-024 596544 5882723 1465 -57 295 180 BM-22-025 596546 5882816 1454 -44 291 222 BM-22-026 596547 5882817 1454 -44 300 237	BM-22-011	596607	5882849	1465	-57	288	309
BM-22-014         596607         5882849         1464         -61         306         306           BM-22-015         596606         5882850         1466         -60         312         276           BM-22-016         596544         5882725         1466         -44         285         243           BM-22-017         596544         5882725         1465         -48         300         231           BM-22-018         596544         5882725         1466         -44         299         231           BM-22-019         596540         5882692         1465         -63         278         216           BM-22-020         596540         5882693         1465         -44         280         207           BM-22-021         596540         5882694         1465         -60         262         183           BM-22-022         596540         5882696         1465         -50         287         240           BM-22-024         596544         5882722         1464         -50         287         240           BM-22-024         596546         5882816         1454         -44         291         222           BM-22-026         596547	BM-22-012	596608	5882849	1465	-60	291	309
BM-22-015         596606         5882850         1466         -60         312         276           BM-22-016         596544         5882725         1466         -44         285         243           BM-22-017         596544         5882725         1465         -48         300         231           BM-22-018         596544         5882725         1466         -44         299         231           BM-22-019         596540         5882692         1465         -63         278         216           BM-22-020         596540         5882693         1465         -44         280         207           BM-22-021         596540         5882694         1465         -60         262         183           BM-22-022         596540         5882696         1465         -50         287         240           BM-22-023         596544         5882722         1464         -50         287         240           BM-22-024         596544         5882723         1465         -57         295         180           BM-22-025         596546         5882816         1454         -44         291         222           BM-22-026         596547	BM-22-013	596607	5882849	1465	-61	297	270
BM-22-016 596544 5882725 1466 -44 285 243 BM-22-017 596544 5882725 1465 -48 300 231 BM-22-018 596544 5882725 1466 -44 299 231 BM-22-019 596540 5882692 1465 -63 278 216 BM-22-020 596540 5882693 1465 -44 280 207 BM-22-021 596540 5882694 1465 -60 262 183 BM-22-022 596540 5882696 1465 -50 287 240 BM-22-023 596544 5882722 1464 -50 287 240 BM-22-024 596544 5882723 1465 -57 295 180 BM-22-025 596546 5882816 1454 -44 291 222 BM-22-026 596547 5882817 1454 -44 300 237	BM-22-014	596607	5882849	1464	-61	306	306
BM-22-017 596544 5882725 1465 -48 300 231 BM-22-018 596544 5882725 1466 -44 299 231 BM-22-019 596540 5882692 1465 -63 278 216 BM-22-020 596540 5882693 1465 -44 280 207 BM-22-021 596540 5882694 1465 -60 262 183 BM-22-022 596540 5882696 1465 -50 287 240 BM-22-023 596544 5882722 1464 -50 287 240 BM-22-024 596544 5882723 1465 -57 295 180 BM-22-025 596546 5882816 1454 -44 291 222 BM-22-026 596547 5882817 1454 -44 300 237	BM-22-015	596606	5882850	1466	-60	312	276
BM-22-018 596544 5882725 1466 -44 299 231 BM-22-019 596540 5882692 1465 -63 278 216 BM-22-020 596540 5882693 1465 -44 280 207 BM-22-021 596540 5882694 1465 -60 262 183 BM-22-022 596540 5882696 1465 -50 287 240 BM-22-023 596544 5882722 1464 -50 287 240 BM-22-024 596544 5882723 1465 -57 295 180 BM-22-025 596546 5882816 1454 -44 291 222 BM-22-026 596547 5882817 1454 -44 300 237	BM-22-016	596544	5882725	1466	-44	285	243
BM-22-019       596540       5882692       1465       -63       278       216         BM-22-020       596540       5882693       1465       -44       280       207         BM-22-021       596540       5882694       1465       -60       262       183         BM-22-022       596540       5882696       1465       -50       287       240         BM-22-023       596544       5882722       1464       -50       287       240         BM-22-024       596544       5882723       1465       -57       295       180         BM-22-025       596546       5882816       1454       -44       291       222         BM-22-026       596547       5882817       1454       -44       300       237	BM-22-017	596544	5882725	1465	-48	300	231
BM-22-020       596540       5882693       1465       -44       280       207         BM-22-021       596540       5882694       1465       -60       262       183         BM-22-022       596540       5882696       1465       -50       287       240         BM-22-023       596544       5882722       1464       -50       287       240         BM-22-024       596544       5882723       1465       -57       295       180         BM-22-025       596546       5882816       1454       -44       291       222         BM-22-026       596547       5882817       1454       -44       300       237	BM-22-018	596544	5882725	1466	-44	299	231
BM-22-021 596540 5882694 1465 -60 262 183 BM-22-022 596540 5882696 1465 -50 287 240 BM-22-023 596544 5882722 1464 -50 287 240 BM-22-024 596544 5882723 1465 -57 295 180 BM-22-025 596546 5882816 1454 -44 291 222 BM-22-026 596547 5882817 1454 -44 300 237	BM-22-019	596540	5882692	1465	-63	278	216
BM-22-022       596540       5882696       1465       -50       287       240         BM-22-023       596544       5882722       1464       -50       287       240         BM-22-024       596544       5882723       1465       -57       295       180         BM-22-025       596546       5882816       1454       -44       291       222         BM-22-026       596547       5882817       1454       -44       300       237	BM-22-020	596540	5882693	1465	-44	280	207
BM-22-023 596544 5882722 1464 -50 287 240 BM-22-024 596544 5882723 1465 -57 295 180 BM-22-025 596546 5882816 1454 -44 291 222 BM-22-026 596547 5882817 1454 -44 300 237	BM-22-021	596540	5882694	1465	-60	262	183
BM-22-024       596544       5882723       1465       -57       295       180         BM-22-025       596546       5882816       1454       -44       291       222         BM-22-026       596547       5882817       1454       -44       300       237	BM-22-022	596540	5882696	1465	-50	287	240
BM-22-025     596546     5882816     1454     -44     291     222       BM-22-026     596547     5882817     1454     -44     300     237	BM-22-023	596544	5882722	1464	-50	287	240
BM-22-026 596547 5882817 1454 -44 300 237	BM-22-024	596544	5882723	1465	-57	295	180
	BM-22-025	596546	5882816	1454	-44	291	222
BM-22-027 596546 5882817 1453 -44 309 225	BM-22-026	596547	5882817	1454	-44	300	237
	BM-22-027	596546	5882817	1453	-44	309	225

## **Qualified Persons**

The scientific and technical information contained in this news release has been prepared in accordance with National Instrument 43-101 – *Standards of Disclosure for Mineral Projects* ("**NI 43-101**"), and has been reviewed and approved by Maggie Layman, P.Geo., Vice President, Exploration of Osisko Development, and a "qualified person" within the meaning of NI 43-101.

### **Technical Reports**

Information relating to the Mineral Resource Estimate is supported by the technical report titled "NI 43-101 Technical Report, Preliminary Economic Assessment for the Cariboo Gold Project, District of Wells, British Columbia, Canada", dated June 22, 2022 (with an effective date of May 24, 2022) prepared for the Company by representatives of BBA Engineering Ltd., InnovExplo Inc., SRK Consulting (Canada) Inc., WSP Canada Inc. (WSP Golder), WSP USA Inc. (WSP Golder), Klohn Crippen Berger and Falkirk Environmental Consultants Ltd. (the "Cariboo Technical Report"). Reference should be made to the full text of the Cariboo Technical Report, which was prepared in accordance with NI 43-101 and is available electronically on SEDAR (<a href="www.sedar.com">www.sedar.com</a>) under Osisko Development's issuer profile.

## **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, British Columbia. 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 1,000 gram 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. (NYSE: ODV, TSXV: ODV) is uniquely positioned as a premier gold development company in North America to advance the Cariboo Gold Project and other Canadian, U.S.A. and Mexican properties, with the objective of becoming the next mid-tier gold producer. The Cariboo Gold Project, located in central British Columbia, Canada, is Osisko Development's flagship asset. The considerable exploration potential at depth and along strike distinguishes the Cariboo Gold Project relative to other development assets. Osisko Development's project pipeline is complemented by its 100% ownership of the San Antonio gold project, located in Sonora, Mexico and the Tintic Project, located in Utah, U.S.A.

## For further information, please contact Osisko Development:

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## Forward Looking Statements

Certain statements contained in this news release may be considered forward-looking information and/or forward-looking statements (together, "forward-looking statements") within the meaning of applicable Canadian securities laws and the United States Private Securities Litigation Reform Act of 1995. All statements, other than statements of historical fact, are forward-looking statements and are based on expectations, estimates and projections as at the date

of this news release. Any statement that involves discussions with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions, future events or performance (often but not always using phrases such as "expects", or "does not expect", "is expected", "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 considered forward-looking statements.

In this news release, forward-looking statements relate, among other things, to: the prospects, projections and success of the Corporation; the ability of the Company to complete the Bulk Sample; the ability of the Company to demonstrate the effectiveness of the Ore Sorting Facility, including the technology proposed to be used; the benefits (if any) of the Ore Sorting Facility on reducing processing costs, increasing gold recoveries and reducing waste materials; our ability to define grade continuity within the mineralized vein corridors; future gold productions; the ability of exploration results (including drilling) to accurately predict mineralization; future mining activities; the ability of Osisko Development to identify mineral resources at our properties; the ability of Osisko Development to expand mineral resources beyond current mineral resource estimates; the ability to adapt to changes in gold prices; estimates of costs, estimates of planned exploration and development expenditures; the ability of Osisko Development to obtain further capital on reasonable terms; the profitability of our mining operations; Osisko Development being well-positioned as a gold development company in Canada, U.S.A. and Mexico; indicative valuations; expected investor returns; mineral inventory; and estimates of gold prices. All forward-looking statements entail various risks and uncertainties that are based on current expectations and actual results may differ materially from those contained in such information.

Although Osisko Development believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements involve known and unknown risks, uncertainties and other factors and are not guarantees of future performance and actual results may accordingly differ materially from those in forward-looking statements. These uncertainties and risks relate, among other things, to: the Company's ability to complete the Bulk Sample, including its ability to fund such work; the effectiveness of unproven technology or technological processes at Cariboo; the ability of exploration activities (including drill results) to accurately predict mineralization; the ability to realize upon geological modelling; the ability of Osisko Development to complete further exploration activities, including drilling; property interests in the assets of Osisko Development; the ability of the results of exploration activities; risks relating to mining activities; fluctuations in spot and forward prices of gold, silver, base metals or certain other commodities; fluctuations in currency markets (such as the Canadian dollar to United States dollar exchange rate); change in international, national and local government, legislation, taxation, controls, regulations and political or economic developments; risks and hazards associated with the business of mineral exploration, development and mining (including environmental hazards, industrial accidents, unusual or unexpected formations pressures, cave-ins and flooding); inability to obtain adequate insurance to cover risks and hazards; the presence of laws and regulations that may impose restrictions on mining; employee relations; relationships with and claims by local communities and indigenous populations; availability of increasing costs associated with mining inputs and labour; the speculative nature of mineral exploration and development (including the risks of obtaining necessary licenses, permits and approvals from government authorities); and title to properties. However, there can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Investors are cautioned that forward-looking statements are not guarantees of future performance. Osisko Development cannot assure investors that actual results will be consistent with these forward-looking statements and investors should not place undue reliance on forward-looking statements due to the inherent uncertainty

For additional information with respect to these and other factors and assumptions underlying the forward-looking statements in this news release concerning Osisko Development, please refer to the public disclosure record of Osisko Development, including the restated annual information form of Osisko Development for the year ended December 31, 2021 as amended, and the most recent annual and interim financial statements and related management's discussion and analysis of Osisko Development, which are available on SEDAR (<a href="www.sedar.com">www.sedar.com</a>) and EDGAR (<a href="www.sec.gov">www.sec.gov</a>) under Osisko Development's issuer profile. The forward-looking statements in this news release reflect management's expectations as of 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.

This news release does not constitute an offer to sell or a solicitation of an offer to buy any securities in the United States or any other jurisdiction. No securities may be offered or sold in the United States or in any other jurisdiction in which such offer or sale would be unlawful prior to registration under the U.S. Securities Act of 1933 or an exemption therefrom or qualification under the securities laws of such other jurisdiction or an exemption therefrom.

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.