



NORTHERN VERTEX MINING CORP

NORTHERN VERTEX INTERCEPTS HIGH GRADE MINERALIZATION OF 21.8 GPT GOLD & 211.48 GPT SILVER OVER 6.1 METERS, INCLUDING 69.3 GPT (2.02 OZ) GOLD & 716 GPT SILVER OVER 1.5 METERS AT MOSS MINE, ARIZONA

- *High-Grade Ruth Vein Adjacent to Open-Pit Intercepts 15.2 Meters of 9.11 gpt Gold and 85.99 gpt Silver Including 6.1 Meters of 21.8 gpt Gold & 211.48 gpt Silver; and 1.5 Meters of 69.3 gpt Gold (2.02 ounces of Gold) & 716 gpt Silver, HIGH GRADES TYPICAL OF ORE SHOOT MINED IN THE OATMAN DISTRICT*
- *Emerging Discovery at West Oatman; Drilling Intercepts of 53.3 Meters of 0.81 gpt Gold & 14.77 gpt Silver*
- *Significant Gold Grades Intercepted on Strike and 1.2 Km West of Current Open pit*

August 12th, 2020, Vancouver, B.C. - Northern Vertex Mining Corp. (TSX.V: NEE) (OTC Nasdaq Intl.: NHVCF) (the "Company" or "Northern Vertex") is pleased to announce initial results from the multi-phase drilling and resource expansion program (the "Program") underway at the Moss Mine in NW Arizona. Drilling has successfully intercepted high-grade gold and widespread district scale mineralization within a 2-kilometer radius of mining operations. The Moss Mine land holdings are contained within Arizona's historic Oatman Mining District, recognized for its numerous high-grade gold discoveries.

Ken Berry, President & CEO stated: "We are very pleased to report high-grade gold results and widespread gold and silver mineralization from our current drilling and resource expansion program at Moss. Importantly, results from the Gold Bridge and Ruth Vein areas underscore the potential for the unification of the west and center pits and expansion of the center pit to the south to incorporate the former producing, high-grade Ruth Vein. Moreover, results within the West Extension show good continuity to the current resource with sporadic higher-grade intersections along a strike-length of more than 1.2 kilometers. We believe continued drilling within this area has the potential to add significant gold ounces to the Moss Mine Resource. Results at West Oatman show excellent potential for both high-grade and bulk tonnage mineralization. This area is considered as a prime target for a maiden resource and expansion of active operations as the emerging West Oatman trend is only two kilometers south of the active leach pad."

Initial results from Northern Vertex's drill campaign, follows three consecutive quarters of increased gold production and record revenues for the quarter ended June 30, 2020 at the Moss Gold Mine (see [news release dated July 14, 2020](#)). To date, the Company has completed 54 holes from its ongoing drill program totaling 6,902 meters, and has received results from 34 holes highlighted by the following drilling information:

High-Grade Gold Intercepted in Ruth Vein in Close Proximity to Moss Open pit

- Hole AR20-286R returned **15.2 meters of 9.11 gpt gold and 85.99 gpt silver** including **6.1 meters of 21.8 gpt gold and 211.48 gpt silver** and **1.5 meters of 69.3 gpt gold (2.02 ounces of gold) and 716 gpt silver** within; (estimated true width is calculated to be 85% of the drilled intercept).
- Hole AR20-255R returned **3.0 meters of 3.73 gpt gold and 22.85 gpt silver**.

Resource Expansion within the 5.6Km Mineralized Moss Vein

- Hole AR20-251R returned **6.1 meters of 0.93 gpt gold** in the West Extension area, representing significant mineralization on strike and 1.2 km to the west of the current boundary of the Moss open-pit
- Holes AR20-246R intercepted **21.3 meters of 0.57 gpt gold** and AR20-248R returned **25.9 meters of 0.5 gpt gold** indicating extensive mineralization at Gold Bridge, located in the pillar between the Center pit and the West pit
- Hole AR20-253R in Midwest returned intercepts of **45.7 meters of 0.323 gpt gold** and 1.21 gpt silver; **4.6 meters of 0.442 gpt gold** and 1.53 gpt silver; **3.0 meters of 1.182 gpt gold** and 0.7 gpt silver and **4.6**

meters of **0.539 gpt gold** and 0.76 gpt silver. Hole AR20-253R, located in Midwest, was drilled into disseminated mineralization over a wide area for which insufficient information is available at this stage to determine deposit characteristics and true width of the intercept.

Emerging Discovery to Feed Hub & Spoke Production Model

- Hole AR20-259R at the West Oatman intercepted **53.3 meters of 0.81 gpt gold** and **14.77 gpt silver** including **10.7 meters of 2.22 gpt gold** and **55.13 gpt silver**. Currently there is insufficient information to determine the true width of the intercept.

Drilling Discussion and Assay Results Overview

The Program continues with two reverse circulation drill rigs, which are expected to remain on the property until October 2020. The Program has focused on several high-priority exploration targets, which include:

- **Ruth Vein:** a high-grade gold vein with historic production, which runs parallel to the Moss Mine open pit
- **Gold Bridge Zone:** mineralized area between the Center and West pits
- **West and Midwest Extensions:** 1.7km mineral trend adjacent to current operations and on strike with the Moss Vein
- **West Oatman:** 3km mineral trend located approximately 2km south from the Moss mineral trend
- **Eastern Extension:** 1.5-kilometer mineral trend adjacent to current Moss Mine Operations

The Ruth Vein

The Ruth Vein is a former producing high-grade vein subparallel to the Moss Vein and dipping north back towards the Moss Vein. An objective of the 2020 drill program is to find high-grade ore shoots within the Ruth Vein and to test the downdip intersection of the Ruth and Moss veins, with the goal of developing higher grade resources and expanding the pit to the south. The Ruth Vein outcrops less than 500 feet south of the Center open-pit boundary. Current drilling demonstrates continuous down-dip gold mineralization from a surface outcrop for at least 260 feet longitudinally and to at least 215 feet below the surface. Eight holes have been completed to date, testing the strike and depth of the Ruth Vein with assays having been received for three holes and are provided in the table below.

Gold Bridge Zone

Gold Bridge lies between the Center pit (active mining) and the West pit (active pioneering) and previously was considered a waste pillar. Drilling is designed to infill the gap in previous drilling, with the objective of proving continuous mineralization between the two planned pits to add gold ounces to the Moss resource and facilitate combining the pits into one. In addition to intersecting significant and consistent tonnage above cut-off grade, drilling in this area has shown significant stockwork veining up to 500 feet into the Moss Vein hanging wall with gold grades up to 1.86 gpt. Several holes drilled to the south showed gold mineralization continuing at depth. Assays have been received for 6 of 16 holes drilled in the Gold Bridge Zone, with the results presented in the table below.

The West Extension

The West Extension of the Moss Vein is a 1.7 kilometer-long zone of vein and stockwork veining along the Moss structure west of the West Pit. Numerous vein stockworks have been observed in outcrop in the area and there

is potential to add significant tons and gold ounces to the Moss mine resource in this area. To date, only the first 1.2 kilometers of observed strike length have been tested.

Hole AR20-253R was drilled furthest to the west into stockwork veining at the Midwest Extension. Several holes were drilled between AR20-253R and the current mining operations including one hole at the Mordor Vein, and two widely spaced wildcat holes along the mineralized corridor. Significant assay results are presented in the table below.

West Oatman Prospect

The West Oatman prospect is a vein and breccia system situated 2.5 kilometer south of the Moss Mine. Shallow drilling of the target by Northern Vertex in 2017 encountered 8 to 20-meter-thick sections of mineralization with several high-grade internal zones (up to 12 gpt gold). One deeper hole, AR20-259R was completed by the Company to test thick mineralization previously drilled by Reynolds Metals in 1992. This hole encountered a very thick section of medium grade with a high-grade core. Significant assay results for drilling completed in 2020 at the West Oatman prospect are presented in the table below.

Eastern Extension

The Eastern Extension is a continuation of the Moss Vein to the east of the current mining operations. Only shallow drilling has been completed to date and returned results of only narrow low-grade mineralized intervals within the Moss Vein structure near surface. Two additional exploration drill holes were completed in the Far East Extension which targeted the intersection of the New York and Moss Veins in areas not previously drilled. It is presumed that the collar locations were in a non-mineralized portion of the vein, and ore shoots have the potential to exist at depth and along strike.

Moss Detailed Drill Results:

Click the following link to view: [Drill Plan Map, Plan Map of Cross Sections and Cross Sections for Holes AR20-286R, 255R, 256R & 268R](#). Click here to view: further drill information such as azimuth and dip.

Location	Hole ID	From (m)	To (m)	From (ft)	To (ft)	Length (m)	Length (ft)	Gold (gpt)	Silver (gpt)
Ruth	AR20-255R	42.67	57.91	140	190	15.24	50	1.11	6.85
	including	53.34	56.38	175	185	3.0	10	3.73	22.85
	AR20-256R	57.91	79.25	190	260	21.3	70	0.6	4.05
	including	67.05	70.1	220	230	3.1	10	1.95	10.55
	AR20-265R	57.95	61	190	200	3.1	10	0.57	0.25
	AR20-266R	67.1	71.68	220	235	4.6	15	0.57	0.57
	AR20-268R	47.275	67.1	155	220	19.8	65	1.55	7.06
	including	57.95	65.58	190	215	7.6	25	3.35	15.0
	AR20-286R	36.6	51.8	120	170	15.2	50	9.11	85.99
	including	38.125	44.23	125	145	6.1	20	21.8	211.48
		39.65	41.18	130	135	1.5	5	69.3	716
Location	Hole ID	From (m)	To (m)	From (ft)	To (ft)	Length (m)	Length (ft)	Gold (gpt)	Silver (gpt)
Gold Bridge	AR20-245R	0.00	10.67	0	35	10.67	35	0.447	5.90
		38.10	44.20	125	145	6.10	20	0.568	10.65

	80.83	88.39	265	290	7.56	25	0.674	6.18
	100.58	118.87	330	390	18.29	60	0.552	13.59
AR20-246R	0.00	21.34	0	70	21.34	70	0.569	8.20
including	13.72	16.76	45	55	3.04	10	1.343	28.05
	131.06	137.2	430	450	6.10	20	0.611	13.30
AR20-247R	10.67	21.33	35	70	10.66	35	0.370	4.41
	51.81	56.39	170	185	4.58	15	0.389	7.74
	74.67	91.44	245	300	16.77	55	0.438	5.69
	100.58	111.25	330	365	10.67	35	0.445	3.97
including	108.20	111.25	355	365	3.05	10	0.828	4.95
AR20-248R	0.00	25.91	0	85	25.91	85	0.498	7.67
	19.81	24.38	65	80	4.57	15	1.102	18.70
AR20-249R	6.10	10.67	20	35	4.57	15	0.449	1.90
	33.53	60.96	110	200	27.43	90	0.395	5.63
including	48.77	56.39	160	185	7.62	25	0.572	10.12
AR20-250R	22.86	42.67	75	140	19.81	65	0.381	5.06
AR20-267R	10.67	16.76	35	55	6.10	20	0.723	0.80
	24.38	28.96	80	95	4.57	15	0.399	0.57
	39.62	47.24	130	155	7.62	25	0.409	1.14
AR20-270R	6.10	22.86	20	75	16.8	55	0.523	1.09
including	6.1	10.67	20	35	4.6	15	1.440	2.13
	67.05	73.15	220	240	6.1	20	0.828	23.35
	96.075	99.13	315	325	3.1	10	0.370	0.90
AR20-271R	0	6.1	0	20	6.1	20	0.570	0.65
	61	68.63	200	225	7.6	25	0.763	8.18
including	64.05	65.58	210	215	1.5	5	1.898	4.70
AR20-272R	7.625	13.73	25	45	6.1	20	0.356	0.85
AR20-273R	0	4.575	0	15	4.6	15	0.578	4.53
	32.025	44.23	105	145	12.2	40	1.045	3.00
including	32.025	35.08	105	115	3.1	10	2.722	5.60
	85.4	100.7	280	330	15.3	50	0.353	0.82
AR20-274R	0	3.05	0	10	3.1	10	0.460	2.40
	32.025	35.08	105	115	3.1	10	0.577	0.70
	48.8	61	160	200	12.2	40	0.412	1.10
AR20-275R	33.55	54.9	110	180	21.4	70	1.11	25.84
including	42.7	50.33	140	165	7.6	25	2.47	60.24
AR20-276R	0	24.4	0	80	24.4	80	0.37	2.23
including	0	4.575	0	15	4.6	15	0.72	6.9
AR20-279R	19.825	25.93	65	85	6.1	20	0.69	1.08
including	21.35	22.88	70	75	1.5	5	1.46	1.2
AR20-280R	4.575	15.25	15	50	10.7	35	0.98	5.11
including	7.625	12.2	25	40	4.6	15	1.74	7.0

		67.1	122	220	400	54.9	180	0.43	7.33
	including	73.2	89.98	240	295	16.8	55	0.39	3.78
	including	102.18	114.4	335	375	12.2	40	0.87	17.74
Location	Hole ID	From (m)	To (m)	From (ft)	To (ft)	Length (m)	Length (ft)	Gold (gpt)	Silver (gpt)
West Extension	AR20-251R	12.19	18.29	40	60	6.1	20	0.93	3.65
		53.34	77.72	175	255	24.4	80	0.36	1.21
	AR20-252R	No Significant Intersection							
	AR20-253R	15.24	60.96	50	200	45.7	150	0.32	1.21
	including	22.86	32	75	105	9.1	30	0.44	2.13
		68.58	73.15	225	240	4.6	15	0.44	1.53
		94.49	97.53	310	320	3.0	10	1.18	0.7
		114.3	118.9	375	390	4.6	15	0.54	0.76
	AR20-254R	32	44.2	105	145	12.2	40	0.37	3.26
	including	42.67	44.19	140	145	1.5	5	1.08	11.4
		94.49	118.9	310	390	24.4	80	0.4	0.84
	including	109.73	118.9	360	390	9.1	30	0.66	0.72
Location	Hole ID	From (m)	To (m)	From (ft)	To (ft)	Length (m)	Length (ft)	Gold (gpt)	Silver (gpt)
West Oatman	AR20-259R	68.58	121.9	225	400	53.3	175	0.81	14.77
	including	91.44	102.1	300	335	10.7	35	2.22	55.13
	including	100.58	102.1	330	335	1.5	5	9.78	275
RC Holes Completed with No Significant Results									
Location	Hole ID	From (m)	To (m)	From (ft)	To (ft)	Length (m)	Length (ft)	Gold (gpt)	Silver (gpt)
Mid East Ext	AR20-257R	No Significant Intersection							
Mid East Ext	AR20-258R	No Significant Intersection							
East Ext	AR20-260R	No Significant Intersection							
East Ext	AR20-261R	No Significant Intersection							
East Ext	AR20-262R	No Significant Intersection							
East Ext	AR20-263R	No Significant Intersection							
East Ext	AR20-264R	No Significant Intersection							

Hole AR20-286 Detailed Drill Results:

SAMPLE ID	From (m)	To (m)	From (ft)	To (ft)	Gold (gpt)	Silver (gpt)
AR20-286_ 115-120	35.1	36.6	115	120	0.011	0.5
AR20-286_ 120-125	36.6	38.1	120	125	0.732	1.3
AR20-286_ 125-130	38.1	39.7	125	130	9.39	110.1
AR20-286_ 130-135	39.7	41.2	130	135	69.3	716
AR20-286_ 135-140	41.2	42.7	135	140	5.33	16.7
AR20-286_ 140-145	42.7	44.2	140	145	3.114	3.1

AR20-286_ 145-150	44.2	45.8	145	150	0.828	6.3
AR20-286_ 150-155	45.8	47.3	150	155	0.415	1.2
AR20-286_ 155-160	47.3	48.8	155	160	0.356	1
AR20-286_ 160-165	48.8	50.3	160	165	0.302	1.1
AR20-286_ 165-170	50.3	51.9	165	170	1.312	3.1
AR20-286_ 170-175	51.9	53.4	170	175	0.194	0.3
AR20-286_ 175-180	53.4	54.9	175	180	0.158	0.4
AR20-286_ 180-185	54.9	56.4	180	185	0.043	0.3
AR20-286_ 185-190	56.4	58.0	185	190	0.112	0.5
AR20-286_ 190-195	58.0	59.5	190	195	0.275	0.4
AR20-286_ 195-200	59.5	61.0	195	200	3.081	8.5
AR20-286_ 200-205	61.0	62.5	200	205	0.897	0.6
AR20-286_ 205-210	62.5	64.1	205	210	0.084	0.3
AR20-286_ 210-215	64.1	65.6	210	215	0.564	0.6
AR20-286_ 215-220	65.6	67.1	215	220	0.103	0.2
AR20-286_ 220-225	67.1	68.6	220	225	0.258	0.2

QA/QC

Samples of drill cuttings were collected by the drilling crew using a wet rotary splitter to ensure a representative sample of each five-foot interval. Field notes were recorded for each sample documenting what was sampled and how the sample was taken. Samples were collected in bags with a sample tag inserted and delivered to a secure on-site location prior to pick-up by Skyline Labs, a commercial laboratory in Tucson, Arizona. Skyline Labs is an ISO 9001:2008 qualified assay lab that uses and makes available internal assaying controls. Quality control consisted of one certified gold standard, one blank, and one duplicate sample inserted into every 20 samples submitted to Skyline Laboratories.

At the lab, rock samples are dried, crushed and pulverized to 85% passing through a 200-mesh sieve. The pulps are assayed for gold using a 30 g split, Fire Assay (FA) and Atomic Absorption (AA) finish. Over limit assays for both gold and silver (10 gpt for gold and 100 gpt for silver) were rerun using a gravimetric procedure. Rejects and pulps are stored at Golden Vertex's warehouse in Bullhead City for future reference.

Qualified Person

The foregoing technical information contained in this news release has also been reviewed and verified by Mr. Joseph Bardswich, P.Eng., a director of the Company and a Qualified Person ("QP") for the purpose of National Instrument 43-101 (Disclosure Standards for Mineral Projects).

Neither 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 release.

About Northern Vertex Mining Corp.

Northern Vertex Mining Corp. is focused on low cost gold and silver production at its 100% owned Moss Mine in NW Arizona. The Company has experience across all areas of operations, mine development, exploration, acquisitions, and financing of mining projects. With operations at the flagship Moss Mine achieving commercial production the Company intends to consolidate additional producing or near-term production gold assets within the Western US. Through mergers and acquisitions Northern Vertex's corporate goal is to become a mid-tier gold producer.

ON BEHALF OF THE BOARD OF NORTHERN VERTEX

"Kenneth Berry"

President & CEO

For further information, please visit www.northernvertex.com or contact Investor Relations at: 604-601-3656 or at 1-855-633-8798

Cautionary Note Regarding Forward-Looking Statements:

This news release contains statements about our future business and planned activities. These are "forward-looking" because we have used what we know and expect today to make a statement about the future. Forward-looking statements including but are not limited to comments regarding the timing and content of upcoming work and analyses. Forward-looking statements usually include words such as scheduled, may, intend, plan, expect, anticipate, believe or other similar words. Forward-looking statements are necessarily based upon a number of factors and assumptions that, while considered reasonable by the Company as of the date of such statements, are inherently subject to significant business, economic and competitive uncertainties, and contingencies. Many factors, known and unknown, could cause actual results to be materially different from those expressed or implied by such forward-looking statements. We believe the expectations reflected in these forward-looking statements are reasonable. However, actual events and results could be substantially different because of the risks and uncertainties associated with our business or events that happen after the date of this news release. Readers are cautioned not to place undue reliance on forward-looking statements, which speak only as of the date made. As a general policy, we do not update forward-looking statements except as required by securities laws and regulations. US investors should be aware that mining terminology used for Canadian mineral project reporting purposes differs significantly from US terminology.

2020 number 15