

# Northern Vertex Mining East Pit Expansion Drilling Intersects 21.34 m Grading 1.98 g/t Gold and 23.75 g/t Silver Highlighting Potential for Resource Expansion at Moss Mine

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VANCOUVER, May 26, 2021 - [Northern Vertex Mining Corp.](#) (TSXV: NEE) (OTC Nasdaq Intl.: NHVCF) (the "Company" or "Northern Vertex") a Western U.S. gold producer with district-scale exploration projects in the Walker Lane Trend, is pleased to report recent results from its multi-phase infill and resource expansion drilling program at the Moss Mine in NW Arizona. Results for this release are focused along strike to the East of the producing Moss Mine.

## Key Points:

- 21.34 meters grading 1.98 g/t Gold and 23.75 g/t Silver in drillhole AR21-424R.
- 22.86 meters grading 1.32 g/t Gold and 17.43 g/t Silver in hole AR21-425R.
- Drilling indicates economically significant mineralization extends at least 140 meters from mining operations and remains open.

Northern Vertex President, Michael G. Allen commented, "High grade gold mineralization immediately along strike of the producing operation gives us confidence in our ability to expand the resource at the Moss Mine in the near term. We are consistently showing that the Moss Mine has the potential to become a much larger operation as we explore within and around the existing footprint, along with multiple regional opportunities our team has identified. Over the coming months we intend to systematically explore and expand the Moss Property to assess its full potential as Arizona's largest pure precious metals producer."

## Geology East of the Moss Mine

The Moss Vein is a fault-hosted epithermal quartz-calcite vein and vein stockwork. The vein strikes slightly north of east and dips to the south. Locally, the Moss Vein develops a more northerly strike. These changes in strike are potential targets for the development of shoots of higher-grade mineralization. This observation was noted throughout the historical Oatman District which surrounds the Moss Mine.

The Ruth vein appears to narrow yet remains open to the east of the current mine, and is considered a target of interest for further resource expansion.

## Drill Results

Assay results for 14 reverse circulation (RC) drillholes drilled from four different locations are included in this news release (see Table 1). Numerous relatively thick zones of epithermal vein-hosted gold and silver mineralization have been intersected along strike to the Moss East Pit (Figure 1 East Pit Extension Drilling Area Location Map; Figure 2 East Pit Extension Drillhole Location Map).

Significant intersections include drillhole AR20-424R which returned 21.34 meters grading 1.98 g/t gold, and 23.75g/t silver (2.30 g/t gold equivalent), including 3.05 meters grading 5.97 g/t gold and 40.05 g/t silver (6.50 g/t gold equivalent) for the Moss Vein, and drillhole AR21-425R, which returned 22.86 meters grading 1.32 g/t gold, and 17.43 g/t silver, (1.55 g/t gold equivalent), including 7.62 meters grading 3.39 g/t gold and 37.34 g/t silver (3.88g/t gold equivalent), (Figure 3 Cross Section: East Road Site, East Pit Extension Moss Vein Drilling Area).

The Moss Mine resource expansion drilling continues to intersect mineralization approximately 140 meters to

the east of the existing pit rim. Further work to expand the resource is ongoing.

Table 1: Results of Northern Vertex's 2020 Resource Expansion RC Drilling to the East of the Moss Mine

Location	Hole ID	Target Vein	Az/Dip	From (m)	To (m)	Length (m)	Au (g/t)	Ag (g/t)	AuEq (g/t)
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Hillside Pits	AR20-387R	Qtz	140/-45	35.05	38.10	3.05	0.59	1.80	0.62
		stockworks							
	and			160.02	163.07	3.05	1.15	97.15	2.44
	AR20-388R	Qtz	140/-65	35.05	92.96	57.91	0.28	5.76	0.36
		stockworks							
	including			56.39	62.48	6.10	0.50	5.63	0.57
	including			73.15	74.68	1.52	2.33	64.50	3.19
	AR21-391R	Qtz	140/-80	85.34	91.44	6.10	0.79	11.08	0.94
		stockworks							
	including			88.39	91.44	3.05	1.11	7.90	1.21
	AR21-392R	Moss vein	320/-80	54.86	60.96	6.10	0.47	3.48	0.52
	and			76.20	89.92	13.72	0.37	2.62	0.41
	and			123.44	129.54	6.10	0.42	14.08	0.60
	AR21-405R	Moss vein	90/-45	85.34	86.87	1.52	1.10	9.90	1.23
	AR21-406R	Moss vein	90/-65	57.91	59.44	1.52	0.51	2.10	0.54
	and			108.20	117.35	9.14	1.20	2.15	1.23
	including			111.25	114.30	3.05	2.87	3.55	2.91
	AR21-408R	Qtz	180/-45	no significant results					
		stockworks							
	AR21-409R	Qtz	180/-65	71.63	74.68	3.05	0.35	4.90	0.41
		stockworks							
	and			82.30	83.82	1.52	2.40	2.30	2.43
	and			123.44	126.49	3.05	1.21	2.45	1.24
	and			216.41	217.93	1.52	0.62	2.20	0.65
	AR21-412R	Moss vein	45/-75	105.16	117.35	12.19	0.37	4.29	0.43

East Road	AR21-413R	Qtz	140/-45	no significant results					
		stockworks							
	AR21-415R	Qtz	140/-65	no significant results					
		stockworks							
	AR21-417R	Qtz	140/-80	152.40	153.92	1.52	0.34	15.80	0.55
		stockworks							
	and			175.26	176.78	1.52	0.40	19.60	0.67
	and			181.36	182.88	1.52	1.42	45.00	2.02
	AR21-424R	Moss vein	320/-80	73.15	94.49	21.34	1.98	23.75	2.30
	including			74.68	77.72	3.05	5.97	40.05	6.50
	including			83.82	86.87	3.05	3.61	44.60	4.20
	and			108.20	115.82	7.62	0.34	3.90	0.39
	AR21-425R	Moss vein	320/-60	39.62	62.48	22.86	1.32	17.43	1.55
	including			50.29	57.91	7.62	3.39	37.34	3.88
	and			74.68	76.20	1.52	0.46	20.70	0.73
	and			83.82	85.34	1.52	0.61	10.80	0.75
	and			103.63	105.16	1.52	0.79	6.80	0.88

Note: True thickness ranges between approximately 46% of the reported interval thickness for subvertical drilling and 99% for drilling inclined at -45 degrees to the Ruth vein. Assay data are uncapped. AuEq = Au + Ag/75. RC drilling was conducted by Boart Longyear. RC samples, collected every 1.52 m, were transported in sealed bags to Skyline Assayers and Laboratories (Skyline) in Tucson, AZ. Field control QAQC samples, including standards, blanks, and field duplicates, were inserted into the sample stream at a rate of three field control samples approximately every 20 regular samples. Gold was determined by fire-assay fusion of a 30 g sub-samples with atomic absorption spectroscopy (method FA-01). Overlimit samples of gold were assayed by gravimetric means (FA-02). Skyline Laboratories is accredited in accordance with ISO/IEC 17025:2017 and ISO 9001:2015.

Qualified Person

Dr. Warwick Board, P.Geo., Vice President Exploration of Northern Vertex, is the Qualified Person as defined by NI 43-101 responsible for the Moss Regional Exploration Project and has reviewed and approved the scientific and technical information in this news release related thereto.

About Northern Vertex Mining Corp.

Northern Vertex offers investors a rare combination of cash flow, production, top-tier management, and

exceptional exploration potential within two projects on the Walker Lane Gold Trend of western Nevada and Arizona. Management is executing a clear strategy that expands production and resources at the Moss Mine in Arizona while aggressively exploring the Hercules Project in Nevada.

ON BEHALF OF THE BOARD OF [Northern Vertex Mining Corp.](#)

"Michael G. Allen"  
President

TSXV: NEE | Nasdaq Intl: NHVCF | Frankfurt: 54N | ISIN: CA6660061012 | WKN: A1JUA0

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