



TSX.V: NEE | OTC - Nasdaq Intl.: NHVCF

NORTHERN VERTEX MINING CORP

PRODUCING GOLD IN THE USA

Moss Gold-Silver Mine | NW Arizona



Northern Vertex Mining Corp. (TSX.V: NEE / OTC - Nasdaq Intl: NHVCF) **AMERICA'S NEWEST GOLD PRODUCER** is focused on low cost gold and silver production including further exploration in the USA, at its 100% owned Moss Mine located 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 with over 200,000 ounces of gold production annually

WHY INVEST?

MOSS PROJECT / N.W. ARIZONA, U.S.A

1. Strong Partners: Greenstone Resources LP, Maverix Metals and HNW Private Banking Investors
2. Commercial Production announced in September 2018
3. Targeting gold production of 40,000oz in fiscal 2020
4. Mine optimization underway; Power-line permit received
5. Resource expansion potential targeting +1Moz Gold
6. Drill program conducted in Q42019 - results pending
7. Excellent infrastructure and nearby workforce
8. Situated in historic mining friendly region
9. Positioned for US Gold consolidation





**Oatman Mining District
N.W. Arizona**

MINE OPERATIONS / PRODUCTION PLAN

- ◆ Commercial Production achieved as of September 2018
- ◆ Crushing plant operating > 7,500tpd above Feasibility Study (5,000tpd)
- ◆ Low Strip Ratio: 1.85 : 1 (Mine-Life)
- ◆ Metallurgical recoveries – 82% gold – 60% silver
- ◆ Current Mine-Life - 10 years

OPTIMIZATION OPPORTUNITIES

- ◆ Build Power-line with expected cost savings of approx. \$200K / month
- ◆ Increase crush size to leach pad from 1/4" to 3/8"
- ◆ Improve production consistency to average > 100oz / day
- ◆ Develop exploration to increase resource and extend LOM
- ◆ Leverage existing staff to acquire projects with focus on heap leach gold within the Americas

RESOURCE EXPANSION PROGRAM

- ◆ Exploration upside – only 5% of property explored
- ◆ Multi-phase drill and expansion program initiated Q42019
- ◆ Numerous high priority targets identified
- ◆ High-grade gold mineralization recently discovered at depth below established gold-silver resource

RESOURCES + RESERVES

Moss Mine Resource					
Category	Tonnes	Gold	Silver	Gold Eq	Au Eq
Measured	4,860,000	152,000 oz	1,630,000 oz	1.10 g/t	172,000 oz
Indicated	10,620,000	225,000 oz	2,980,000 oz	0.77 g/t	263,000 oz
Measured & Indicated	15,480,000	377,000 oz	4,610,000 oz	0.87 g/t	435,000 oz
Inferred	2,180,000	38,000 oz	390,000 oz	0.62 g/t	43,000 oz

Moss Mine Reserve						
Material	Category	ROM	Contained Gold	Contained Silver	Grade Gold Eq	Contained Gold Eq
Primary Ore	Proven	4.20 MT	128,160 oz	1,352,030 oz	1.07 g/t	144,490 oz
	Probable	3.30 Mt	79,770 oz	976,260 oz	0.86 g/t	91,240 oz
Low Grade Ore	Proven	0.25 MT	1,740 oz	24,070 oz	0.25 g/t	2,010 oz
	Probable	0.21 MT	1,460 oz	23,920 oz	0.26 g/t	1,760 oz
ALL	Combined	7.96 Mt	211,130 oz	2,376,270 oz	0.93 g/t	238,010 oz

* NI 43-101 Technical Report Feasibility Study, "Mohave County Arizona" Report by M3 Engineering, Effective date June 8, 2015 calculated the Mineral Reserve Estimate within a pit-constrained LG pit with maximum slope angles of 65°. Metal prices of US\$1,250/oz and US\$18.50/oz were used for gold and silver respectively. Metallurgical recoveries of 82% for gold and 65% for silver were applied. A variable gold cut-off was estimated based on a mining cost of US\$2.75/t mined, and a total process and G&A operating cost of US\$6.48/t of ore mined. Primary ore is based on a cut-off of 0.25 g/t Au, and low grade ore is based on a cut-off of 0.2 g/t Au. The gold equivalent ("AuEq") formulae, applied for purposes of estimating AuEq grades and ounces, are as follows: • Factor A (gold) = 1 / 31.10346 x metallurgical recovery (82%) x smelter recovery (99%) x refinery recovery (99%) x unit Au price (US\$1,250 / oz) • Factor B (silver) = 1 / 31.10346 x metallurgical recovery (65%) x smelter recovery (98%) x refinery recovery (99%) x unit Ag price (US\$18.50 / oz) • AuEq grade = Au grade + (Ag grade x [Factor B / Factor A]) AuEq ounces = (AuEq grade x material tonnes) / 31.10346

CORPORATE DATA

(as of March 31, 2018)

TSX Venture Symbol	TSX.V: NEE
Current Price*	\$0.25
Common Shares Outstanding	246.45M
Warrants Outstanding	96.70M
Options Outstanding	13.44M
Working Capital**	\$7.5M

* NOTE: Current Price as at Nov. 14, 2019
**NOTE: Working Capital as at Sep. 30, 2019



KEY SHAREHOLDERS

Greenstone Resources
Directors + Officers
Insider's Associates
High Net Worth / Private Banking



MANAGEMENT, DIRECTORS & ADVISORS

Ken Berry, *President & CEO, Director*
Christopher Park, *CFO and Corporate Secretary*
Joe Bardswich, *General Manager & Director*
Michael Haworth, *Director*
David Farrell, *Director*
Mark Sawyer, *Director*
Jim McDonald, *Director*
Geoff Burns, *Director*
Joel Murphy, *Moss Mine Manager*
Kesler Morris, *Crushing Supervisor*
Frank (Bud) Hillemeier, *Exploration Advisor*
Perry Durning, *Exploration Advisor*