

orthern Vertex Mining Corp. (TSXV: 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

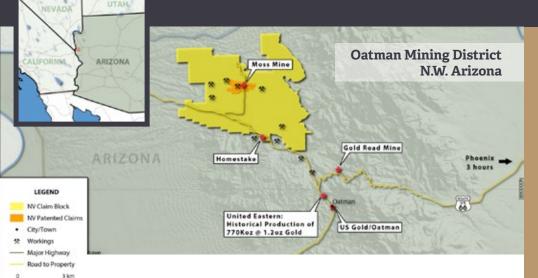
- 1. Strong Partners: Greenstone Resources LP, Maverix Metals and HNW Private Banking Investors
- 2. Commercial Production announced in September 2018
- 3. Targeting gold production of 40,000oz in fiscal 2020
- 4. Mine optimization underway; Power-line permit received
- 5. Resource expansion potential 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









#### **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					

# 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) Hillemeyer, Exploration Advisor Perry Durning, Exploration Advisor

Moss Mine Reserve									
Material	Category	ROM	Contained Gold	Contained Silver	<b>Grade</b> Goldi Eq	Contained Goldi⊞q			
Primary Ore	Proven	4.20 MT	128,160 oz	1,352,030 oz	1.07 g/t	144,490 <b>oz</b>			
	Pro bable	3.30 Mt	79,770 oz	976,260 oz	0.86 g/t	91,240 <b>oz</b>			
Low Grade Ore	Proven	0.25 MT	1,740 oz	24,070 oz	0.25 g/t	2,010 <b>oz</b>			
	Pro bable	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 ozz			

\* 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 \$4.48/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 uni-off of 0.2 g/t Au. The gold equivalent ("AuEq") formulae, applied for purposes of estimating AuEg grades and ounces, are as follows: • Factor A (gold) = 1 / 31.10346 x metallurgical recovery (92%) x smelter recovery (92%) x unit Ag price (US \$1.850 / oz) • AuEq grade = Au grade + (Ag grade x [Factor A]) AuEq grade x material tonnes) / 31.10346