NORTHERN VERTEX
MINING CORP

PRODUCING GOLD IN THE USA

Moss Gold-Silver Mine I NW Arizona

August 2018

LOW COST • OPEN PIT • HEAP LEACH

TSX.V: NEE I OTC - NASDAQ INTL.: NHVCF I NORTERNVERTEX.COM

Forward Looking Statements

NORTHERN VERTEX MINING CORP

In the interest of providing current and potential shareholders with information regarding the Company's plans and future operations, certain statements and graphics in this presentation contain "forward-looking information" within the meaning of Canadian securities legislation and "forward-looking statements" within the meaning of the United States Private Securities Litigation Reform Act of 1995 (collectively, "forward-looking statements"). All statements, other than statements of historical fact, which address activities, events or developments that the Company believes, expects or anticipates will or may occur in the future are forward-looking statements. Such forward looking statements involve risk and uncertainty. Although at the time of preparation information used in this presentation was considered reasonable by management, the results may prove to be incorrect and actual results may differ materially from those anticipated in the statements made. Participants are advised to read the section entitled "Risk and Uncertainties" in the Company's MD&A dated March 31, 2017. All currency amounts are expressed in United States dollars unless otherwise noted.

Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in the forward-looking statements, there may be other factors that cause such actions, events or results to differ from those anticipated, estimated or intended. Any inaccuracy in the assumptions identified above may also cause actual actions, events or results to differ materially from those described in the forward-looking statements.

Forward-looking statements contained herein is made as of the date of this Presentation and the Company disclaims any obligation to update any forward-looking statements, whether as a result of new information, future events or results, except as may be required by applicable securities laws. There can be no assurance that such forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, potential investors should not place undue reliance on forward-looking statements.

This Presentation does not constitute an offer to sell, or solicitation of an offer to buy, any securities by any person in any jurisdiction in which it is unlawful for such person to make such an offering or solicitation. No representation or warranty, express or implied, is made as to the accuracy or completeness of the information set out herein, and nothing contained herein is, or shall be relied upon, as a promise or representation, whether as to the past or future. An offering of securities will only be made pursuant to formal subscription agreement.

Cautionary Note to US Investors

National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101") is a rule developed by the Canadian Securities Administrators that establishes standards for all public disclosures an issuer makes of scientific and technical information concerning mineral projects. Unless otherwise indicated, all reserve and resource estimates contained or incorporated by reference in this presentation have been prepared in accordance with NI 43-101 and the Canadian Institute of Mining Metallurgy and Petroleum Classification System. These standards differ significantly from the requirements of the SEC, and reserve and resource information contained herein and incorporated by reference into this presentation may not be comparable to similar information disclosed by U.S. companies.

In this presentation, we use the terms "measured", "indicated" and "inferred" resources. U.S. investors are cautioned that, while such terms are recognized and required by Canadian securities laws, the SEC does not recognize them. Under U.S. standards, mineralization may not be classified as a "reserve" unless the determination has been made that the mineralization could be economically and legally produced or extracted at the time the reserve determination is made. U.S. investors are cautioned not to assume that all or any part of measured or indicated resources will ever be converted into reserves.

U.S. investors should also understand that "inferred resources" have a great amount of uncertainty as to their existence and as to whether they can be mined legally or economically. It cannot be assumed that all or any part of the "inferred resources" will ever be upgraded to a higher category. Therefore, U.S. investors are also cautioned not to assume that all or any part of the inferred resources exist, or that they can be mined legally or economically. Disclosure of "contained ounces" is permitted disclosure under Canadian regulations; however, the SEC only permits issuers to report "resources" as in place tonnage and grade without reference to unit measures. Accordingly, information concerning descriptions of mineralization and resources contained in this presentation, including the documents incorporated by reference therein, may not be comparable to information made public by U.S. companies subject to the reporting and disclosure requirements of the SEC.

We have not independently verified the accuracy of the information regarding the mining industry and other market data set forth herein. Unless otherwise indicated the technical disclosure contained within this presentation has been reviewed and approved by Mr. James McDonald, P. Geo (a qualified person for the purpose of National Instrument 43-101 ("NI 43-101"), Standards of Disclosure for Mineral Projects). Mr. McDonald is also a director of the Company. This information is not intended to provide and should not be relied upon for accounting, legal or tax advice or investment recommendations. You should consult your own advisors as to the accounting, legal, tax, regulatory, business, financial and related aspects of making an investment in the Company.

Key Take-Aways

"Producing Gold in the USA"

NORTHERN VERTEX MINING CORP

- **Financially De-Risked -** Strong Financial Partners
- **Technically De-Risked -** Pilot Plant in 2014 yielded 4Koz gold, 20Koz silver
- **Robust Economics -** 63% IRR (after tax); 133M NPV
- **First Gold Pour -** Completed in Q1 2018
- **Blue-Sky Exploration -** Targeting 1M+ gold Oz

LOW COST • OPEN PIT • HEAP LEACH

Capital Structure

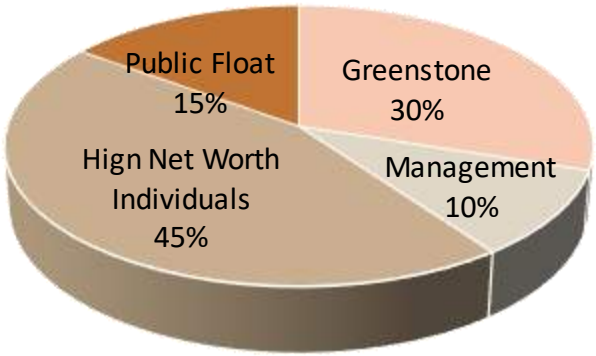
(as of March 31, 2017)

NORTHERN VERTEX MINING CORP

Common Shares O/S	180.30 million
Market Capitalization	C$73.03 million (as at C$0.405 on July 5, 2018)
Warrants	44.37 million ($0.65 - $1.00)
Options	5.40 million ($0.25 - $1.40)
Working Capital	*C$7.38 million (at Mar. 31, 2018)
Credit Facilities	• US$20 million Sprott Resource Lending LP • US$6 million Greenstone Resources LP

* Excluding current portion of long term debt

Share Ownership



Share Price (12 month chart)

Key Management Team

Exploration, Financing, Development and Operations

NORTHERN VERTEX MINING CORP

Ken Berry (B. Comm.), ***CEO & Chairman***
- ***25+ years of corporate finance & venture capital experience***
- Co-founder of Northern Vertex Mining & Kootenay Silver Inc.
- Former Canadian Olympian

Tiziano Romagnoli, ***Advisor***
- ***30+ years of natural resource finance experience***
- Former head of BMO Nesbitt Burns in Geneva

Joseph Bardswich (P. Eng.) ***Director***
- ***35+ years of engineering and operations experience***
- Current director of Buccaneer Gold Corp and Theia Resources
- Former Director of Canada Carbon, BRC Diamond Co., United Bolero Development Corp. and Verbina Resources

Gordon D. Ulrich (M.B.A., P.Eng) ***Director***
- ***40+ years of exec. experience in natural resource sector***
- Formerly President and CEO of Luscar Ltd. (coal, oil and gas) leading their $500M IPO

Perry Durning (M.Sc.), ***Exploration Advisor***
- ***43+ years of mineral exploration experience***
- Co-founder of La Cuesta Int. (Thayer Lindsay Award – 2010)

Michael Haworth, ***Director***
- ***Senior Partner and Co-Founder Greenstone Resources L.P.***
- Former Managing Director and Head of Mining & Metals Corporate Finance at JP Morgan

David Farrell (LL.P.), ***Director***
- ***20+ years of M&A experience in the natural resource sector***
- Current Director at Fortuna Mines

William (Bill) Martinich, ***Mine General Manager***
- ***20+ years of experience in open pit gold production predominately in the Western region of the United States***
- Formerly with New Gold, Taseko, Barrick and Placer Dome

Jim McDonald (P.Geo.) , ***Director***
- ***25+ years of technical & financial exp. in the mining sector***
- Current CEO & President of Kootenay Silver
- Co-founder & former director of Alamos Gold

Bud Hillemeyer (M.Sc.), ***Exploration Advisor***
- ***27+ years of mineral exploration experience in the Americas***
- Co-Founder of La Cuesta Int. (Thayer Lindsay Award - 2010)

Corporate Milestones

"Ability to Execute"

NORTHERN VERTEX MINING CORP

Signed Moss Option Agreement

Pilot Plant Production of 4,000oz gold & 20,000oz silver

Final Permits Received

US$20 million Sprott Facility

Exploration Drilling

NI 43-101 Resource Estimate

Feasibility Study

US$9 million CAT Financing

Commissioning Substantially Complete

Poised for M&A

2011 - 2016

2017

2018

Engineering and Metallurgy Studies

Consolidated 100% asset ownership

US$20 million Greenstone Financing

Commercial Production

475 Confirmation Drill Holes

Updated Resource Estimate

PEA Mine Expansion

First gold pour Q1 2018

Powerline Permit

**forward looking*

$100 Million

Excellent Jurisdiction, NW Arizona

Adjacent to Work Force and Infrastructure

NORTHERN VERTEX MINING CORP

Water	Patented ground wells on site
Labor	9km from Bullhead City
Access	State Highway 8km from site, gravel road to site
Power	Powerline 6km from site (awaiting extension permit)

Social License

Participated in establishing a cultural and heritage center in Bullhead City's Community Park

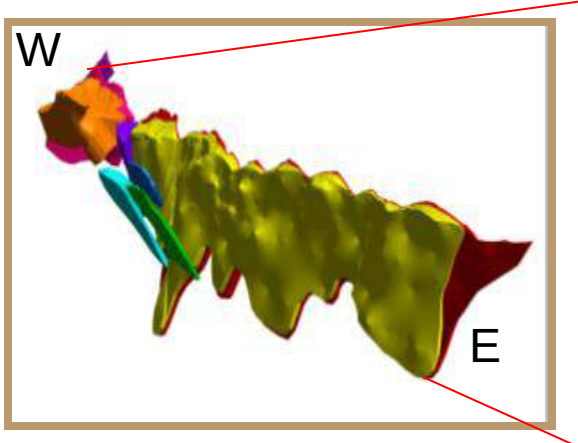
Initiated a educational program to facilitate the establishment of an Earth Sciences program at Mohave High School

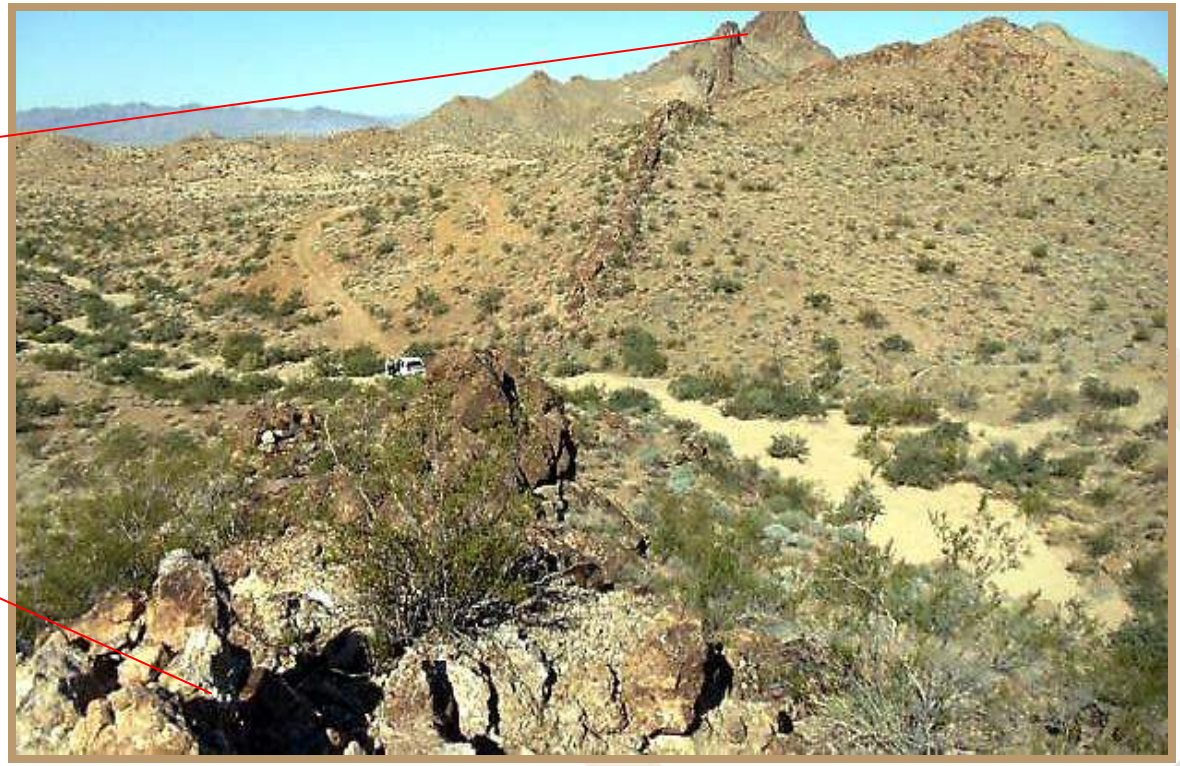
Geology

Simple and Well Understood

NORTHERN VERTEX MINING CORP

- Uncomplicated Geology
- Gold-silver stock-work, brecciated, low sulphidation, epithermal vein system
- Outcrops at surface for over 1.5km





Source: Company Reports
Notes: Golden Queen metrics based on 2015 FS; Alio Gold metrics based 2017 PFS; West Kirkland metrics based on 2016 FS; Northern Vertex metrics based on 2017 PEA; Pershing Gold Metrics based on 2017 PFS; McEwen Mining metrics based on 2018 FS ; Isabella Pearl metrics based on 2017 FS ; Scorpio Gold metrics based on 2018 FS.

Mineral Resources

at 0.25 Gold g/t Cut-Off

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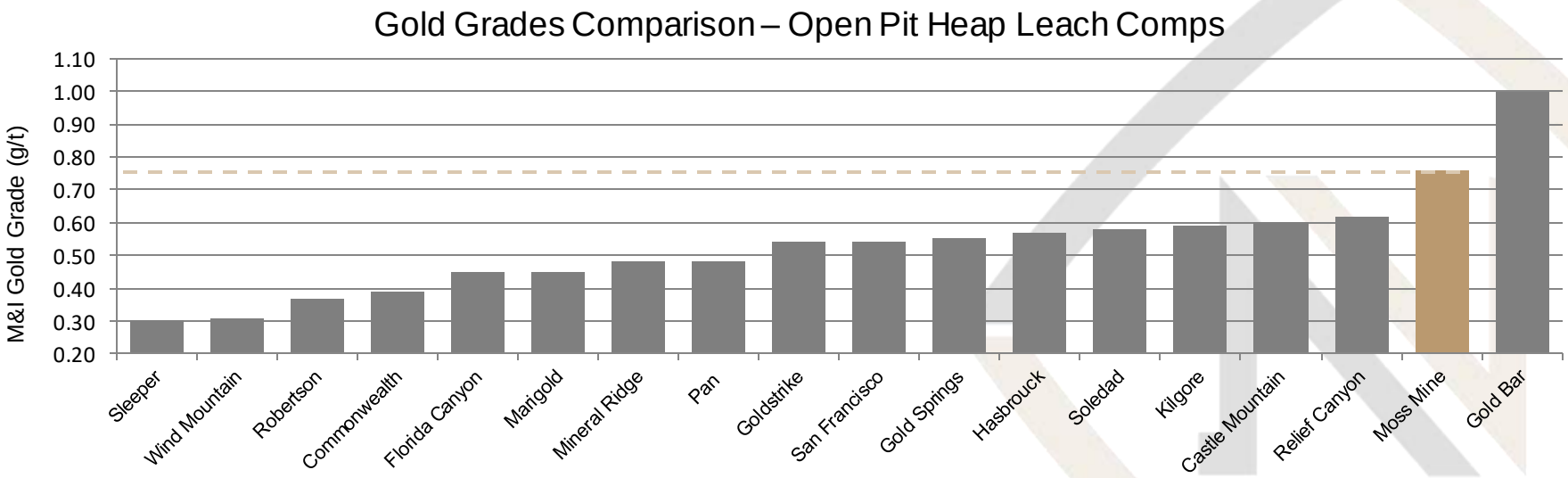
Resource Category	Tonnes	Au (g/t)	Ag (g/t)	Au (oz)	Ag (oz)	Au Eq (g/t)	Au Eq (oz)
Measured	4,860,000	0.97	10.4	152,000	1,630,000	1.10	172,000
Indicated	10,620,000	0.66	8.7	225,000	2,980,000	0.77	263,000
Measured & Indicated	15,480,000	0.76	9.3	377,000	4,610,000	0.87	435,000
Inferred	2,180,000	0.55	5.6	38,000	390,000	0.62	43,000

NI 43-101 Technical Report Feasibility Study , "Mohave County Arizona" Report by M3 Engineering, Effective date June 8, 2015 ccalculated the Mineral Resource Estimate within a pit constrained LG pit with maximum slope angles of 65°. Metal prices of $1,250/oz and $20/oz were used for gold and silver respectively. Metallurgical recoveries of 82% for gold and 65% for silver were applied. • A 0.25 g/t gold cut-off was estimated based on a total process and G&A operating cost of $6.97/t of ore mined.



Source: Company Reports; no by-product credits included, M&I grades used.
Notes: Golden Queen metrics based on 2015 FS; Alio Gold metrics based 2017 PFS; Rye Patch metrics based 2016 PEA; West Kirkland metrics based 2016 FS; Northern Vertex metrics based on 2017 PEA; Pershing Gold metrics based on 2017 PFS; Bravada Gold metrics based on 2014 PEA ; Paramount Gold metrics based on 2017 PEA; Marlin Gold metrics based on 2013 PEA; Tri-Metals Mining metrics based on 2015 Resource Estimate; Robertson metrics based on Coral Gold 2012 PEA; Fiore Gold metrics based on 2017 Resource Estimate ; Liberty Gold metrics based on 2018 Resource Estimate ; Castle Mountain metrics based on 2017 Resource Estimate ; Otis Gold metrics based on 2012 Resource Estimate; McEwen Mining metrics based on 2018 FS; Scorpio Gold metrics based on 2017 Resource Estimate ; SSR Mining metrics based on 2017 Reserves.

2017 PEA Highlights

Base Case at US$1,250oz Gold

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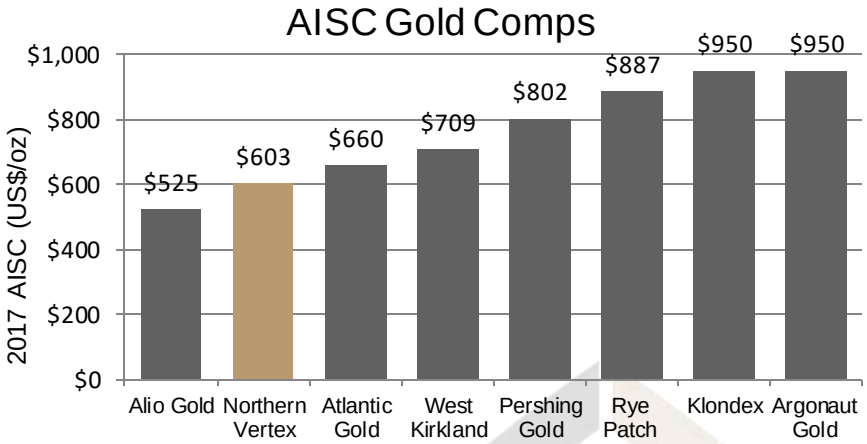
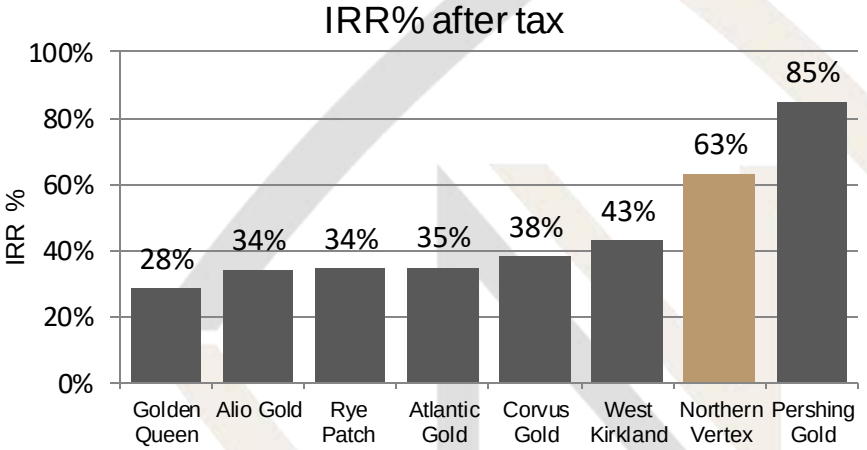
2017 PEA MINE LIFE EXTENSION	
Mine Life	10 years
Strip Ratio	1.85 : 1
Average Gold Eq Grade	0.83 grams per tonne
Recoveries to Doré	Gold 82%; Silver 65%
Annual Gold Eq. Production	45,000 oz/yr
Initial Capital Costs	US$61 million
All-in Sustaining Costs AuEq**	US$603 /oz
After-Tax NPV (5%)	US$106 million****
After-Tax IRR	63%****
After-Tax Payback Period	1.8 years





Source: Northern Vertex 2017 PEA effective & SEDAR filing date November 22, 2017
-2017 PEA Gold equivalent ounces of silver calculated by multiplying by 20 and dividing by 1250
-Includes US$37.5 million of previously funded Phase II committed costs.
***All-in Sustaining Costs ("AISC") as presented are defined by the World Gold Council ("WGC") less corporate G&A*
****Using current tax pool estimates as of October 31, 2017, which may be subject to change.*

Source: Company Reports
Notes: Golden Queen metrics based on 2015 FS (gold @ $1,250oz); Alio Gold metrics based 2017 PFS (gold @ $1,350oz); Rye Patch metrics based 2016 PEA (gold @ $1,150oz); Atlantic Gold metrics based 2015 FS (gold @ $1,200oz); Corvus Gold metrics based 2015 PEA (gold @ $1,200oz); West Kirkland metrics based 2016 FS (gold @ $1,250oz); Northern Vertex metrics based on 2017 PEA (gold @ $1,250oz); Pershing Metrics based on 2017 PFS (gold @ $1,250oz)

Low Cost – Open Pit Mining

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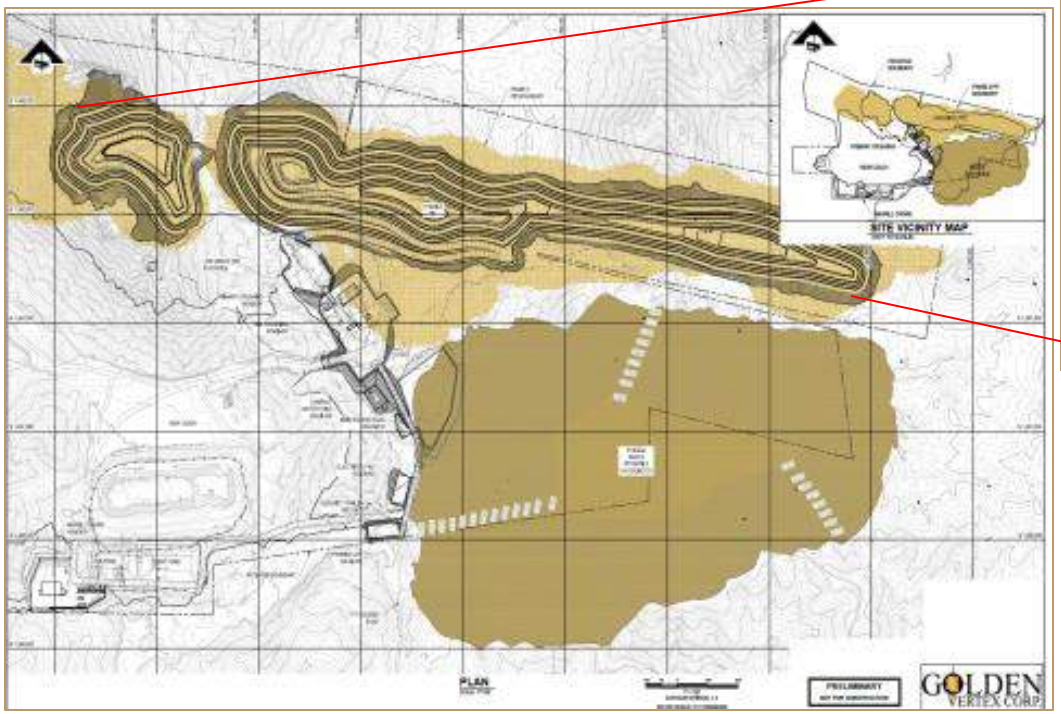
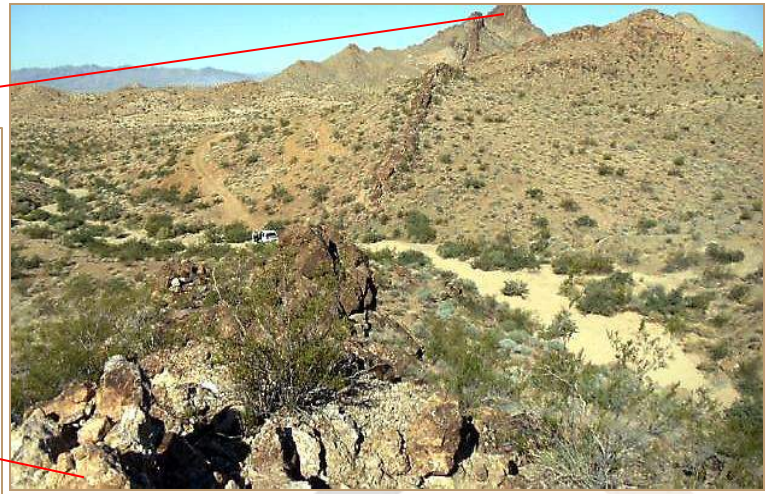
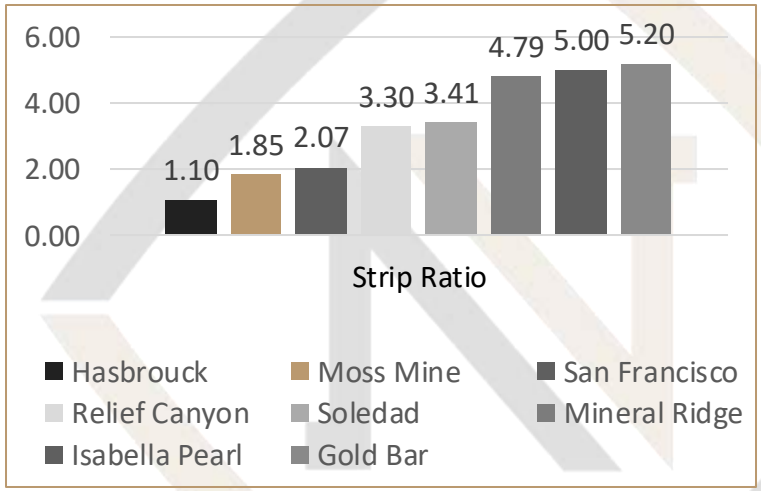
Low strip ratio: 1.85







Conventional open pit mining

Source: Company Reports
Notes: Golden Queen metrics based on 2015 FS; Alio Gold metrics based 2017 PFS; West Kirkland metrics based on 2016 FS; Northern Vertex metrics based on 2017 PEA; Pershing Gold Metrics based on 2017 PFS; McEwen Mining metrics based on 2018 FS ; Isabella Pearl metrics based on 2017 FS ; Scorpio Gold metrics based on 2018 FS.

Metallurgy and Processing

Technically De-Risked

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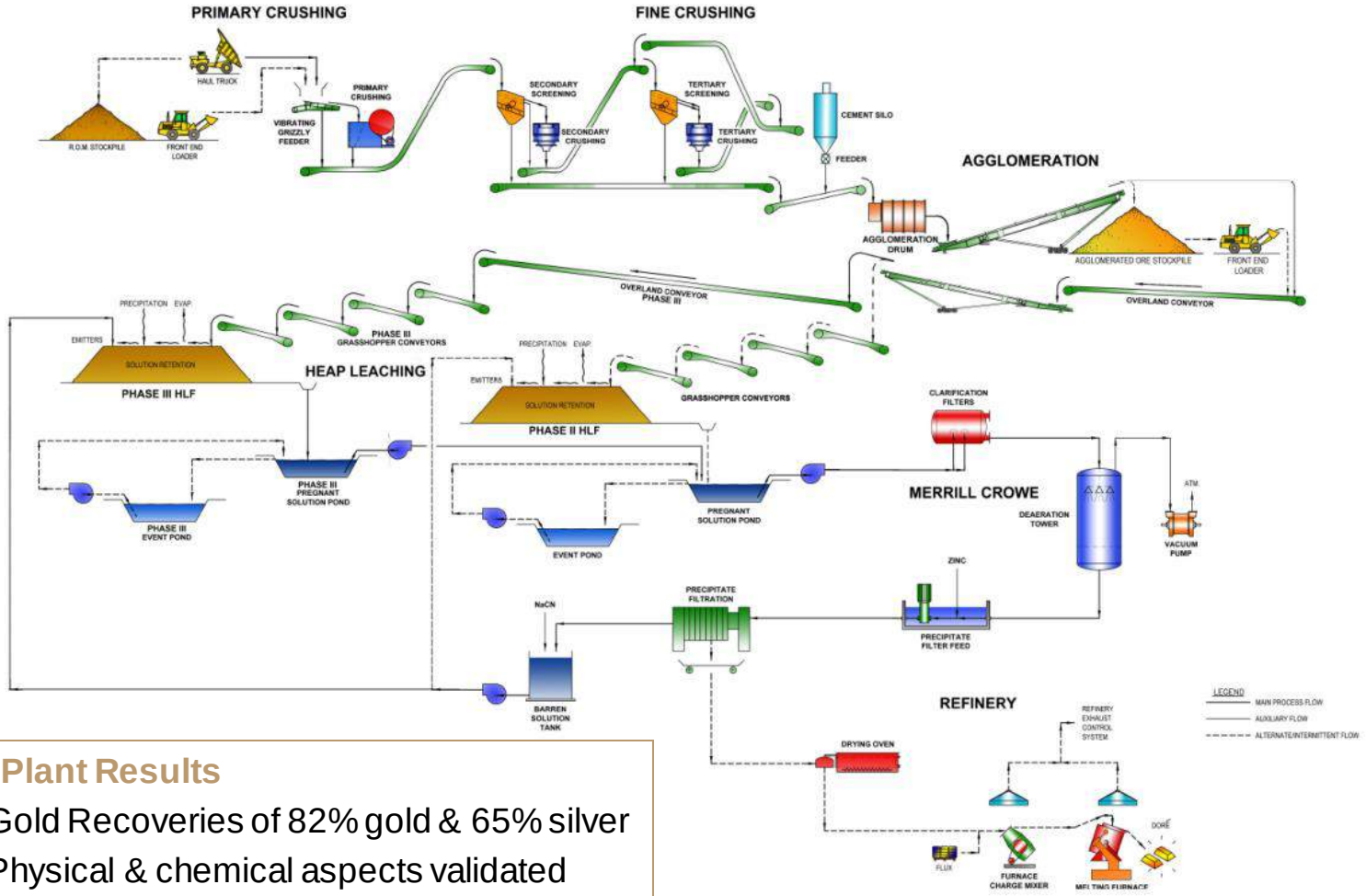

Pilot Plant Results

- ✓ Gold Recoveries of 82% gold & 65% silver
- ✓ Physical & chemical aspects validated
- ✓ Cone crushing successfully utilized
- ✓ Geotechnical results confirmed design

Commissioning Progress

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Crushing Facility (Complete)

Merrill Crowe Plant (Complete)

Heap Leach Pad (Complete)

First Gold Pour - Q1 2018

Road to Commercial Production

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- Ramp up to commercial production continues to exceed feasibility expectations
- Mining is expected to continue to increase as N.A. Degerstrom brings in 70-ton haul trucks to replace the 40-ton articulated trucks currently on site
- Gold production in May 2018 of 1,276 ounces of gold and 3,556 ounces of silver, a considerable increase month over month
- Crushing Crew "best day" in June of 11,367 tonnes of ore crushed and stacked beats May's number of 8,261 tonnes
- Feasibility Study projections of reaching 3,500 tpd in month 7 from start-up of the mine followed by an increase to 5,000 tpd in month 13
- Ounces processed are being recovered faster than the 100-day leaching cycle time period as set out in the Company's feasibility study.

	May 2018	Year to Date
Mining		
Ore mined (tonnes)	97,755	335,177
Waste mined (tonnes)	74,720	498,973
Crushing Plant and Leach Pad		
Tonnes stacked	96,103	286,241
Tonnes stacked per day (average)	3,100	2,346
Tonnes stacked per hour (average)	444	407
Contained gold ounces stacked	3,416	8,383
Contained silver ounces stacked	36,361	77,676
Gold grade (g/t)	1.11	0.91
Silver grade (g/t)	11.77	8.44
Processing Plant		
Gold produced (ounces)	**1,276**	**1,655**
Silver produced (ounces)	**3,556**	**4,667**

La Questa Exploration Partnership

"An Award Winning Exploration Team"

NORTHERN VERTEX MINING CORP

- Significant track record of grass roots discovery
- Proprietary resource data bank on the Oatman Mining District
- Expertise in planning and managing an exploration program designed to expand the Moss gold and silver resource

Perry Durning and Bud Hillemeyer receive the Thayer Lindsay Award - 2010

Accomplishments

Project	Resources	Stage	Outcome
San Sebastian	23Moz Ag and 350koz remaining after several years of production	Production	Hired by Hecla to lead discovery
San Agustin	900koz Au and 30moz Ag M&I remaining resources	Production	Acquired in 2013 by Argonaut from SSR Mining for US$75 million
Pitarilla	526moz Ag M&I Resource	Feasibility (SSR)	Hired by SSR Mining and led discovery
Camino Rojo	7.5moz Au and 64.7moz of Ag	Feasibility (Goldcorp)	Acquired in 2010 by Goldcorp for US$300 million
Los Gatos	178moz Ag Eq. M&I (602 g/t AgEq) & 47moz Ag Inferred (405 g/t AgEq)	Feasibility (Sunshine Silver)	Acquired in 2005 by Sunshine Silver Mining

Resource Expansion Targets

140 Exploration Drill Holes Planned & Funded

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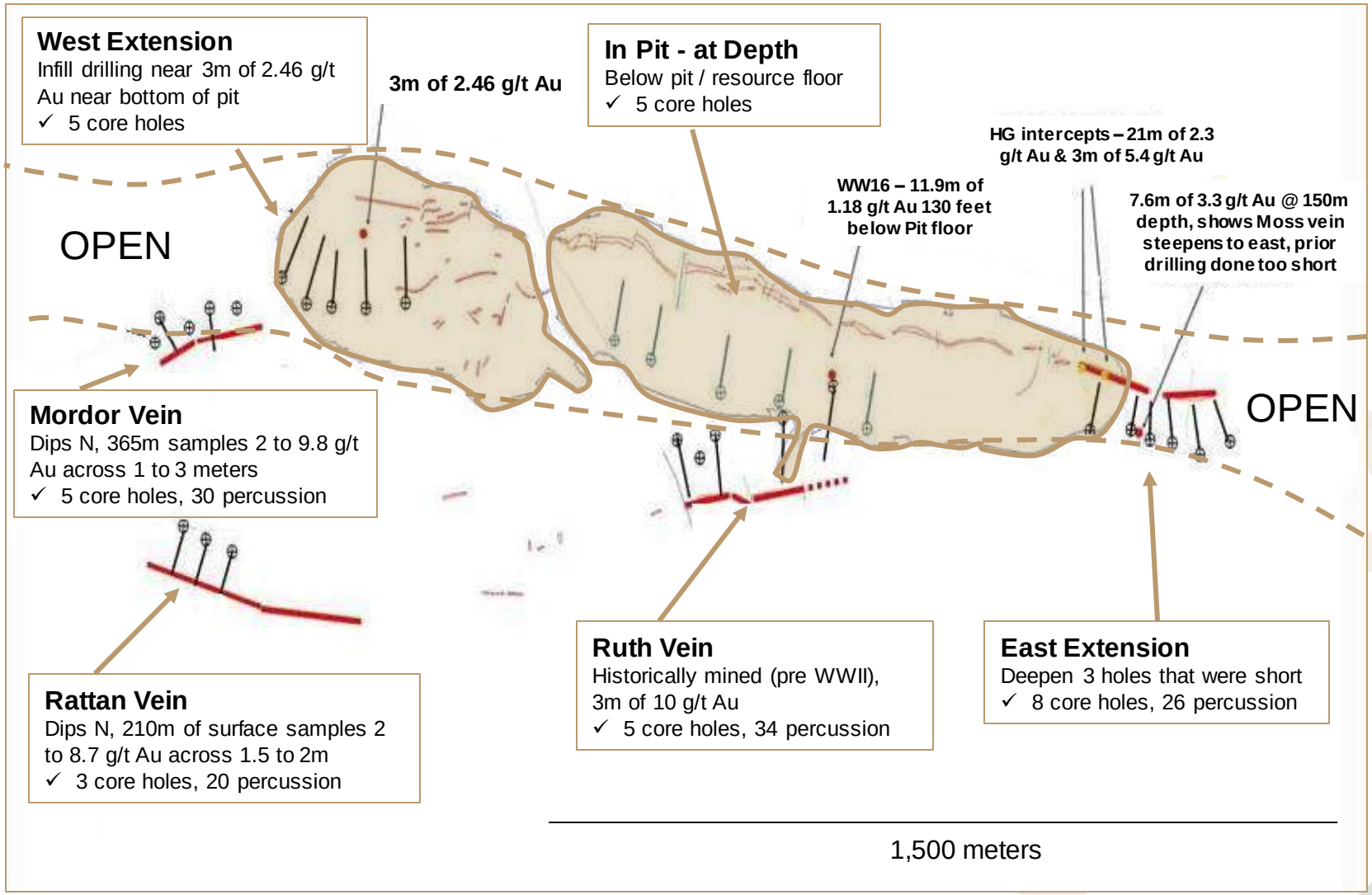

Oatman District & Moss Mine

Multiple Targets for Satellite Deposits & New Discoveries

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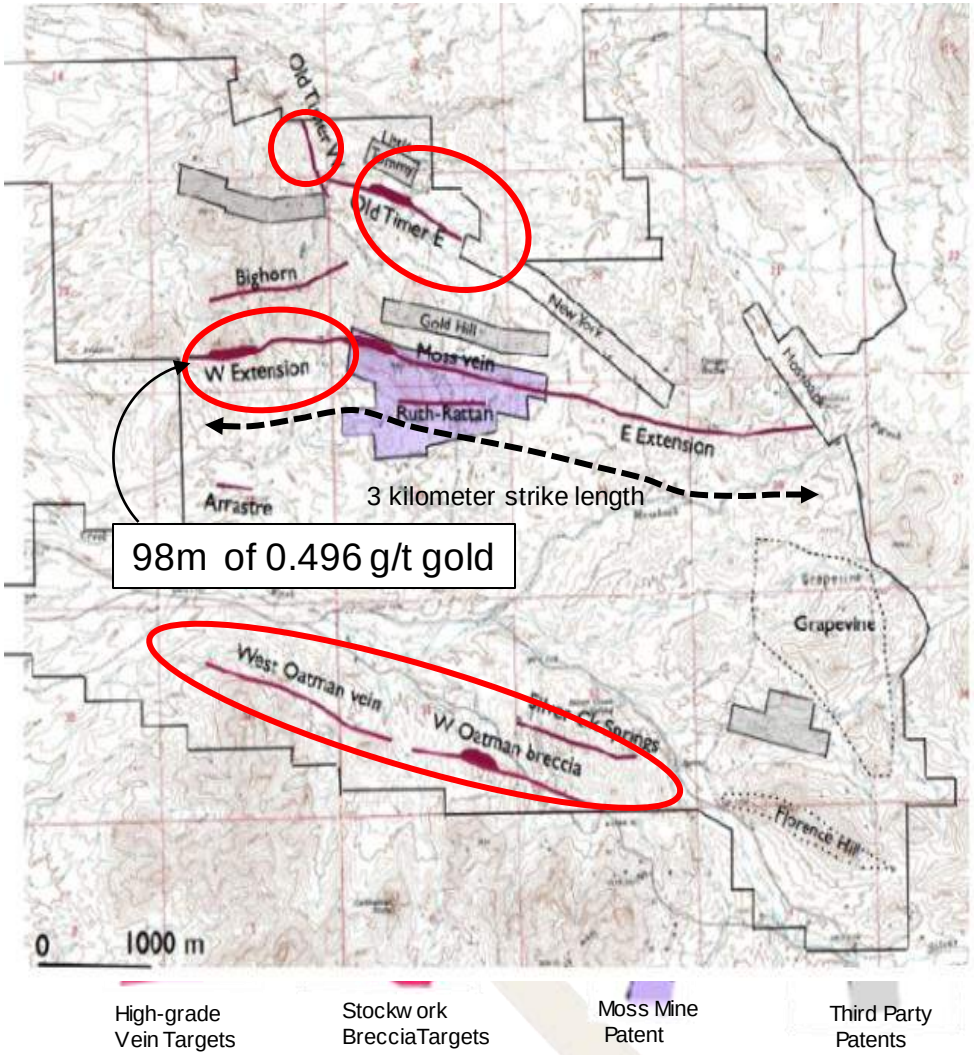
- Historical district production totalling more than 2.5 million ounces of gold
- 200+ high grade historic gold showings with multiple untested drill ready targets
- The Moss mine has a 1.5km strike visible at surface with 3km of untested strike length and dip potential at depth
- United Eastern Mine contained 770,000oz grading 31 g/t gold over 130m strike length



Peer Group Valuations

Growth Through Exploration and Acquisitions

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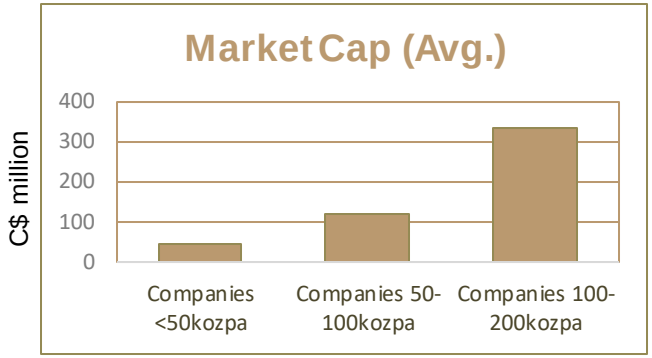
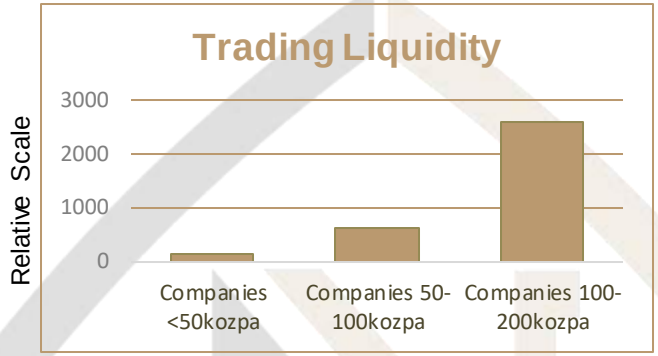
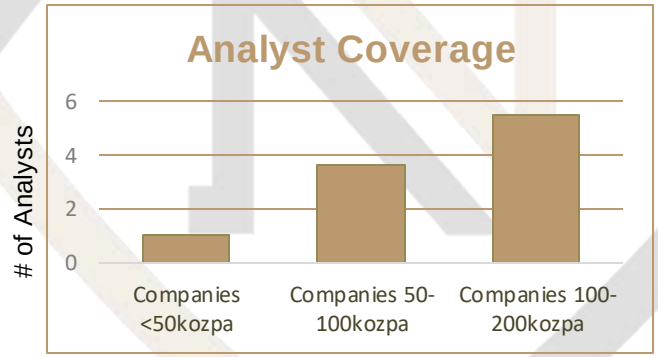
Benefits Of Consolidation….

- Improved P/NAV discounts
- Higher valuation
- Increased liquidity
- Increased analyst coverage
- Remove single asset risk
- Increased exposure to gold price upside







Source: Hayw ood Research: <50kozpa based on average of 8 companies; 50-100kozpa based on average of 13 companies; 100-200kozpa based on average of 12 companies

Investment Cycles

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Equites vs Commodities

Source: Doubleline Funds

Gold Equities - Down Cycles

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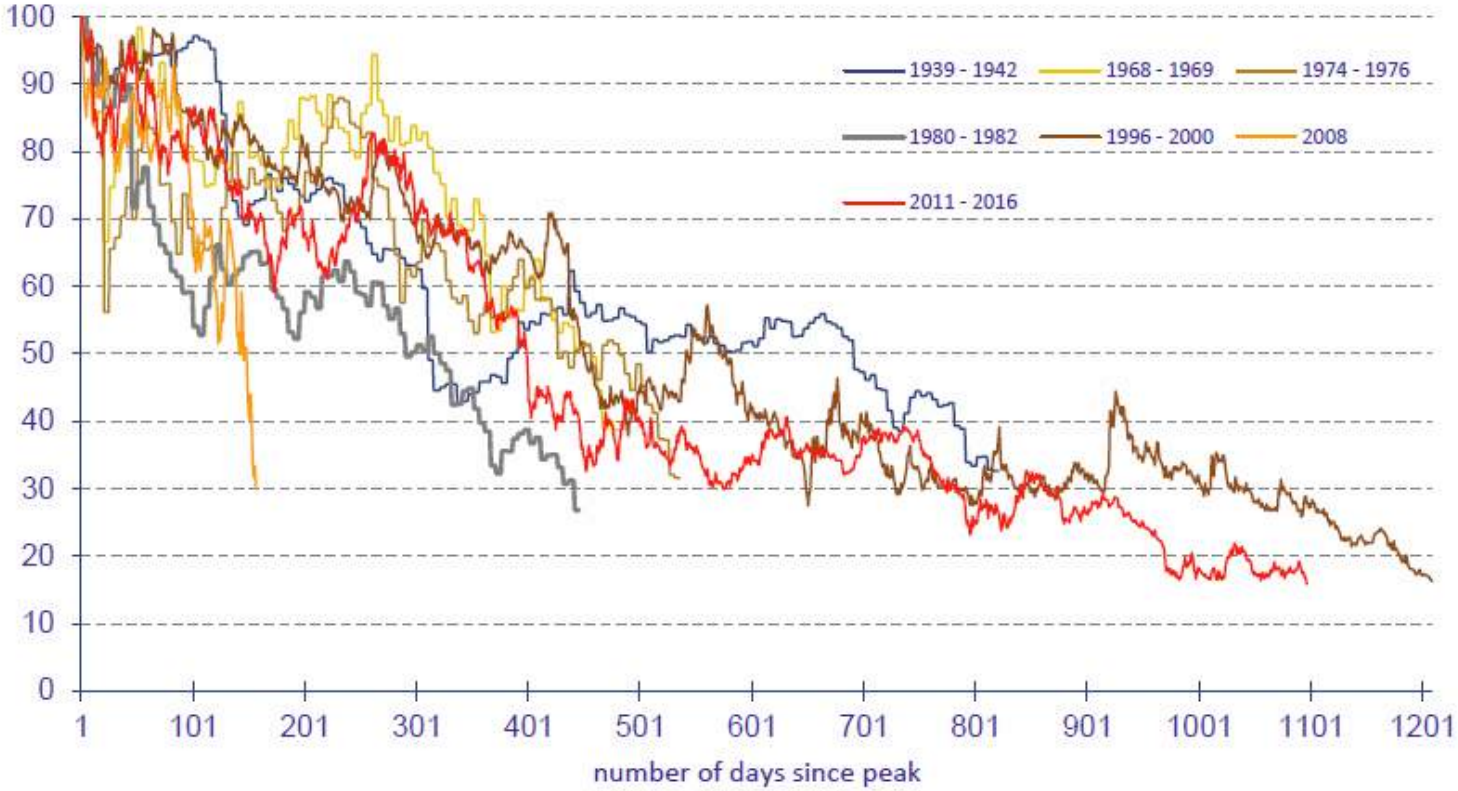
Major corrections of gold equities since 1939 (Barron Gold Mines, XAU, HUI)



Over the past 78 years all major gold equity corrections ended between -67% to -84%

Sources: Barron, Bloomberg

Gold Equities - Recovery Cycles

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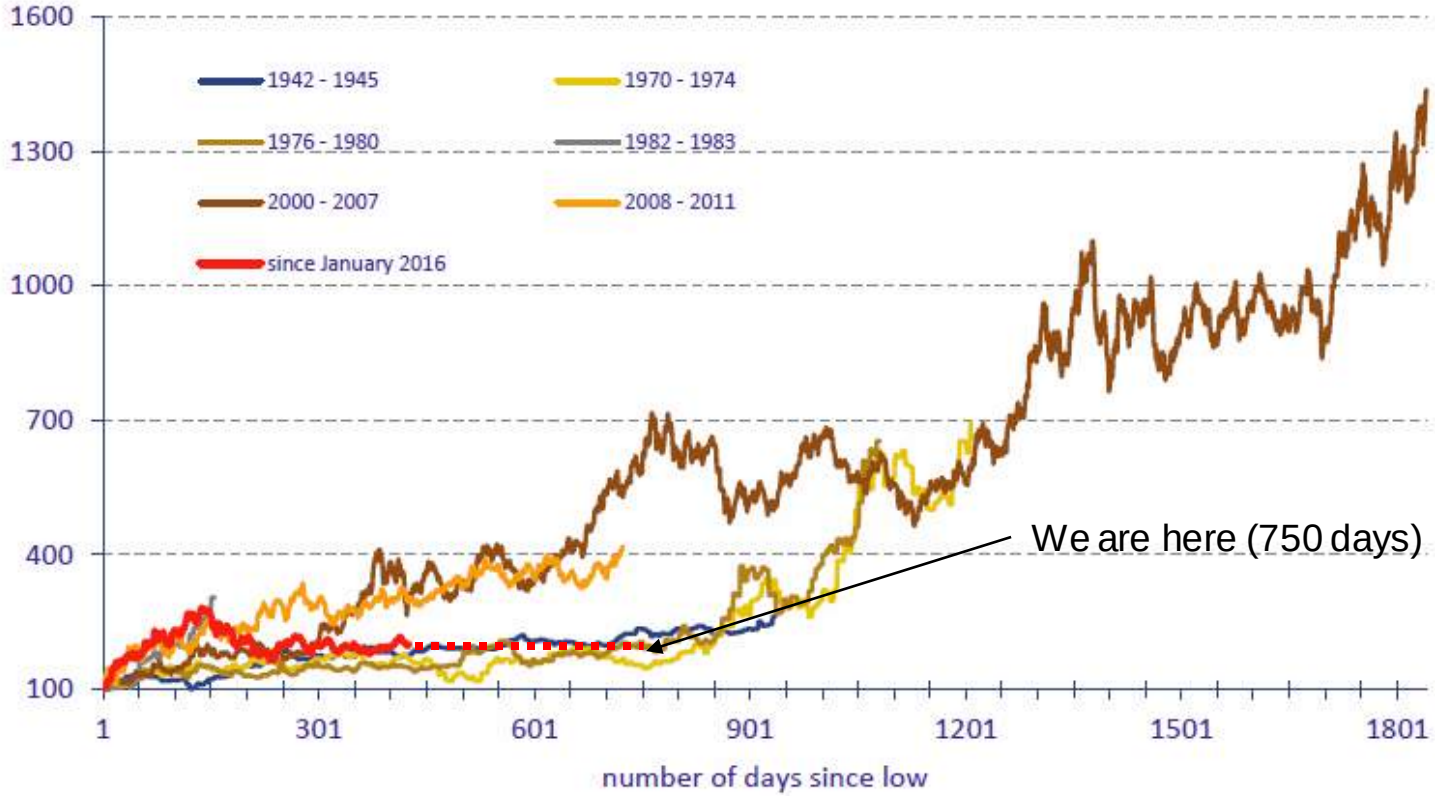
…and what happened after these sharp corrections?



During structural bull markets, gold equities rose by over 500% (320% to 1'337%), while they rebounded by about 170% during structural bear phases (153% to 205%)

Sources: Barron, Bloomberg, last data point: September 25th, 2017

Mine Development Cycle

and NEE Share Performance

NORTHERN VERTEX MINING CORP

Highlights & Catalysts

NORTHERN VERTEX MINING CORP

- Financially & Technically De-risked
- Robust Economics - 63% IRR (after tax)
- Commercial Production / Cash Flow
- Resource Expansion & New Discoveries
- Strong Financial Partners
- Positioned for US Consolidation

Contact Us

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