



**GMV MINERALS INC.**

# Developing Gold Resources in the USA



# Forward-Looking Statement

*Information set forth in this presentation may contain forward-looking statements. Forward-looking statements are statements that relate to future, not past, events. In this context, forward-looking statements often address a company's expected future business and financial performance, and often contain words such as "anticipate", "believe", "plan", "estimate", "expect", and "intend", statements that an action or event "may", "might", "could", "should", or "will" be taken or occur, or other similar expressions. By their nature, forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements, or other future events, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Such factors include, among others, the following risks: the risks associated with outstanding litigation, if any; risks associated with project development; the need for additional financing; operational risks associated with mining and mineral processing; fluctuations in uranium, gold and other commodity prices; title matters; environmental liability claims and insurance; reliance on key personnel; the potential for conflicts of interest among certain officers, directors or promoters with certain other projects; the absence of dividends; competition; dilution; the volatility of our common share price and volume; and tax consequences to U.S. Shareholders. Forward-looking statements are made based on management's beliefs, estimates and opinions on the date that statements are made and the Company undertakes no obligation to update forward-looking statements if these beliefs, estimates and opinions or other circumstances should change. Investors are cautioned against attributing undue certainty to forward-looking statements.*

*Dr. D.R. Webb, B.A.Sc., M.Sc., Ph.D., P.Geo. is the Q.P. within the meaning of NI 43-101 and has reviewed and approved the technical content of this presentation.*

## Strategy

**GMV has a highly experienced technical team solely focused on realizing the full mineral potential of the Mexican Hat Gold Project.**

“The combination of low strip ratio, excellent metallurgy and logistics plus the potential to be a "run of mine" heap leach operation means Mexican Hat already has all the hallmarks of an economic gold deposit that could deliver high margins per ounce.”

*Eric Coffin, HRA Advisories*

## Mission & Vision

**To become a leading gold development company by advancing the Mexican Hat Gold discovery to the production stage.**

“GMV may be in the early stages of making a very sizeable discovery, which could drive these shares many times higher, given the current miniscule market cap and relatively low exploration costs.”

*Jay Taylor, Gold, Energy & Tech Stocks*

# Company Overview

- GMV Minerals is focused on developing the Mexican Hat Gold Project in S.E. Arizona (100% interest)
- Mexican Hat has an Inferred Mineral Resource of over 650,000 ounces of gold\*
- Completed Positive Preliminary Economic Assessment
- Project spans approximately 5000 acres, forming one of the most promising gold development opportunities in the western USA
- The mineralization at Mexican Hat is open in four directions. Continued Expansion drilling planned for 2020.
- Excellent capital structure: 42.7M shares outstanding (tightly held)



***\* 32,876,000 tonnes grading 0.616 grams of gold per tonne hosting 651,000 troy ounces of gold using a 32 gpt capping grade and a 0.20 gpt cut-off grade***



# Mexican Hat Project

- Inferred Mineral Resource of 651,000 ounces of gold
- The resource assumes an open pit scenario suited to a run-of-mine heap leach extraction process
- Mineralization is open in all directions and at depth
- Extensive column metallurgical studies demonstrate recoveries ranging from 88.4% to 96%
- Extensive exploration by Placer Dome (late 1980's and early 1990's)
- Over 195 drill holes from past programs (Mostly near surface approx. 28,000m)
- GMV has tripled the project's land position since acquiring Mexican Hat in 2014 (5000 acres total)
- Mexican Hat Gold Resource. (Tetra Tech Inc., DRW Geological Consultants Ltd., and Laurion Consulting Ltd. August, 2018.)

Category	Cut-off (g/t Au)	Grade (Au, g/t)	Tonnes	Gold Oz	Strip Ratio
Inferred	0.20	0.616	32,876,000	651,000	2.56

*Grades, tonnes, grams and ounces are rounded for presentation and totals may not add up. A gold price of US\$1,300 is assumed. \* See NI 43-101 Report dated August, 2018*

# Preliminary Economic Assessment -Highlights

- Two-stage open circuit stacked at a rate of approximately 15,000 tonnes per day on a conventional heap leach pad
- Current mine life of 5-years with a 1-year pre-production period....**open to expansion**
- Life of mine (LOM) head grade of 0.66 g/t gold
- Low LOM Strip Ratio of 2.8
- IRR---33.1%
- Payback ---**2 years based upon \$1300 gold price**
- Next phases of work: drilling to expand resource and enhance NPV of US\$133.3million.
- Total amount of gold recovered is estimated at 470,000 oz
- Average annual gold production of approximately 94,000 oz
- Peak annual gold production of approximately 118,000 oz
- LOM direct operating cash cost is estimated at \$658/oz of gold recovered
- All-in sustaining cost is estimated at \$764/oz of gold recovered
- LOM sustaining capital costs is estimated at \$40.0 million
- Resource is currently open in three directions and to depth

***\*\*The base case assumes a gold price of US\$1,300 per ounce (oz). All figures are stated in U.S. Dollars (\$). All tonnages are metric tonnes. Precious metal grades are in grams per metric tonne (g/t).***

# Next Steps

**Current**

Induced Polarization Survey - Hernandez Hill target

**Q1-Q2 2020**

Revise Preliminary Economic Assessment

**Q3-2020**

Conduct drill program to mature inferred to indicated category at Mexican Hat deposit, Little Hat target and Hernandez Hill target

**Q4-2020**

Develop Mining Plan

# Mexican Hat Geology and Mineralization

- The Mexican Hat project is a low sulphidation, structurally controlled epithermal gold deposit
- Primary mineralization consists of oxides with gold in a metasomatic assemblage of carbonate, epidote, chlorite and minor silica along fractures and fault zones within a tilted conformable package of Tertiary rocks
- Deep oxidation has taken place with sulphides replaced primarily by hematite and limonite
- Mineralization consists of free gold within fractures, faults and open space throughout the property
- All rocks are oxidized to at least 200m with minor weakly oxidized rocks report 95% gold recoveries





# Arizona

## Mining-Friendly Jurisdiction

- The Mexican Hat Gold property is located in Cochise County, Arizona - 72 miles ESE of Tucson
- Arizona is a mining-friendly jurisdiction, with the industry generating over 40,000 jobs for the State
- Mining had a \$5.9 billion economic impact on Arizona's economy in 2017

Source: Azmining.com



# Capital Structure

<b>Stock Symbol:</b>	<b>TSX-V: GMV</b>	<i>(as at February, 2020)</i>
<b>Issued &amp; Outstanding</b>	42,726,206	
<b>Options</b>	3,020,000	
<b>Warrants</b>	7,979,000	
<b>Fully Diluted</b>	53,725,206	

<b>Legal</b>	Fennemore Craig/Fasken Martineau DuMoulin LLP
<b>Auditor</b>	Manning Elliott LLP
<b>Transfer Agent</b>	Computershare

# Key Personnel

## **MANAGEMENT**

Ian Klassen, B.A. (Hons.) – President & CEO

Michele Pillon – Chief Financial Officer

Dr. D.R. Webb, B.A.Sc. (Engineering), M.Sc. Ph.D., P.Geo. – Acting Project Manager

## **BOARD OF DIRECTORS**

Alistair MacLennan – Chairman

Ian Klassen, B.A. (Hons.) – President & CEO

Douglas A. Perkins, B.Sc., FGAC – Independent Director

Carl Hale, P.Geo – Independent Director

Robert Coltura – Independent Director

## **ADVISORS**

Dr. Roger Newell, Ph.D (Mineral Exploration)

*(Biographies are available on the Company website)*

# Conclusion

- ✓ Recently completed positive Preliminary Economic Assessment
  - ✓ Low market capitalization and tight share float
  - ✓ 100% interest in Mexican Hat Gold Property in a key, mining-friendly jurisdiction of the USA
  - ✓ Over 650,000 ounces of gold in an Inferred Resource
  - ✓ Project is open for resource expansion
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- Excellent metallurgical results
  - Low strip ratio
  - Low cost heap leach model
  - Regulatory approvals underway



## HEAD OFFICE

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