



60 NORTH GOLD

# Restarting High-grade Gold Mining at the Mon Gold Mine in the Yellowknife Greenstone Belt .....and more

Presented by D.R. Webb, Ph.D., P.Geol., P.Eng.  
President and CEO

# Caution



60 NORTH GOLD

Sixty North Gold Mining Ltd. is a British Columbia company (“the Company”). All statements in this presentation are made as at April 22, 2024. This presentation contains “forward-looking statements” within the meaning of applicable securities laws, including statements relating to proposed or anticipated work programs, plans for development of the Mon Property, and/or anticipated financings. Actual results and developments may differ materially from those contemplated by these statements. Factors which may lead the Company to not proceed with anticipated work programs, construction or development projects and studies include factors such as analysis of the exploration results may lead to a determination that further exploration or development is not warranted, delays by weather and other constraints, insufficient funding, delays as a result of early or late onset of winter conditions, availability of personnel and equipment to conduct work programs, a decline in precious metals prices, permit reviews, information requests and other factors not within the Company’s control, changes in market conditions, and insufficient financing to complete work programs. Factors that could cause the Company to not proceed with, or reduce or increase, anticipated financings include change in market conditions and changes in the Company’s exploration and development plans.

If the Company is unable to complete future financings, the Company may have to delay or alter its operations plans. The factors identified above are not intended to represent a complete list of the factors that could affect the Company. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward looking statements, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended.

There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. The Company does not undertake to update forward-looking statements, except where required by law. Readers should not place undue reliance on forward-looking statements.

No Mineral Reserves or Mineral Resources as defined within the meaning of NI 43-101 have been established on the Mon Gold Property. No Preliminary Assessment (PA), Preliminary Feasibility (PFS), or Feasibility Study (FS) has been completed on the property, and the Company does not anticipate that its work programs will result in the establishment of mineral resources, mineral reserves, or an economic study, on the Mon Gold Property. Readers are cautioned that, as not all risks may have been identified at the time of a production decision is made, mineral properties developed in the absence of a PFS and FS have a higher risk of failure. Investors should consider the investment in securities of the Company as a speculative investment.

Technical information in this presentation has been prepared and reviewed by Dr. Dave R Webb, Ph.D., P.Geol., P.Eng., who is a qualified person for the purposes of NI 43-101, and is the controlling shareholder of Giauque Holdings Ltd. (the royalty holder of the Mon Gold Property) and a principal of New Discovery Mines Ltd. (Project Manager of the Mon Gold Property). A technical report dated August 3, 2023 was prepared on Form NI 43-101F1 by Dr. Dave R Webb, Ph.D., P.Geol., P.Eng., a qualified person for the purposes of NI 43-101 who is independent of the Company.



Most mining startups are focused on expensive exploration programs and feasibility studies in the hopes of de-risking a project and selling out to a larger company. Chester Millar prefers to skip drilling and start mining. **“My Feasibility Study is done by doing things. I will actually mine and produce gold. That to me is better than any Feasibility Study because it isn’t a study, it’s proven fact.”**

*Chester Millar is the founder of several multi-billion-dollar gold producers including Glamis Gold (bought by Goldcorp), Alamos Gold and Eldorado Gold. He was inducted into the Canadian Mining Hall of Fame in 2008. The 88 year old mine developer credits luck, experience and a simple strategy for his success.*

# Simple Plan



60 NORTH GOLD

Sixty North Gold Mining Ltd is focused on restarting a high-grade past producing gold mine by driving ramps and developing the known vein beneath the historic stopes at shallow levels. (Four to six weeks)

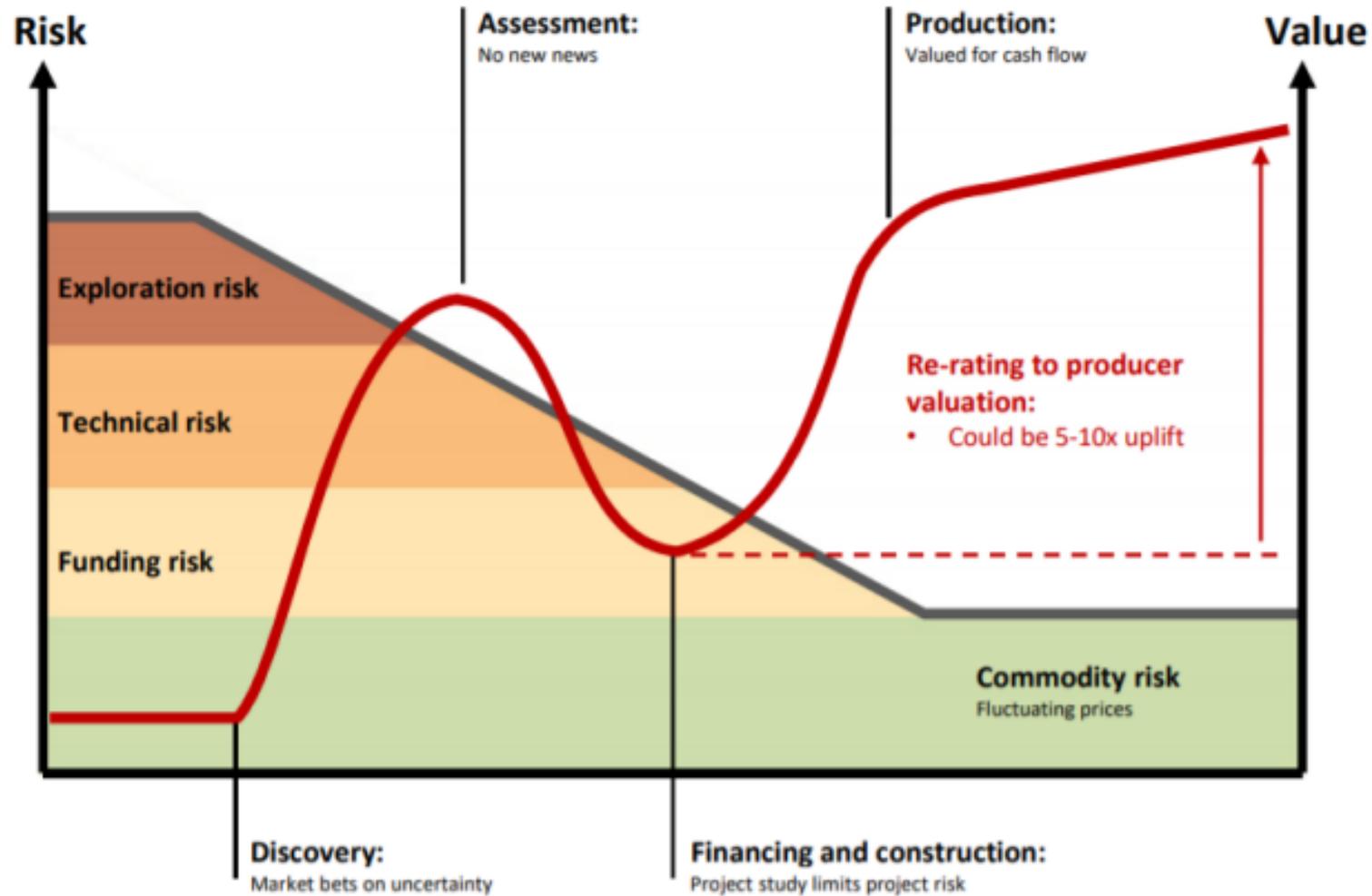
Stopes (mining areas) will be developed and gold bearing vein material will be brought to surface. (Four weeks, operating for years)

If warranted, a mill will be brought to the property again, and gold bars will be poured and sold. (Sixteen months, operating for years)

# Mining Investment Cycle



60 NORTH GOLD



# HISTORY

## East-facing Longitudinal Section through the Con Mine C-4 Shear Zone



60 NORTH GOLD

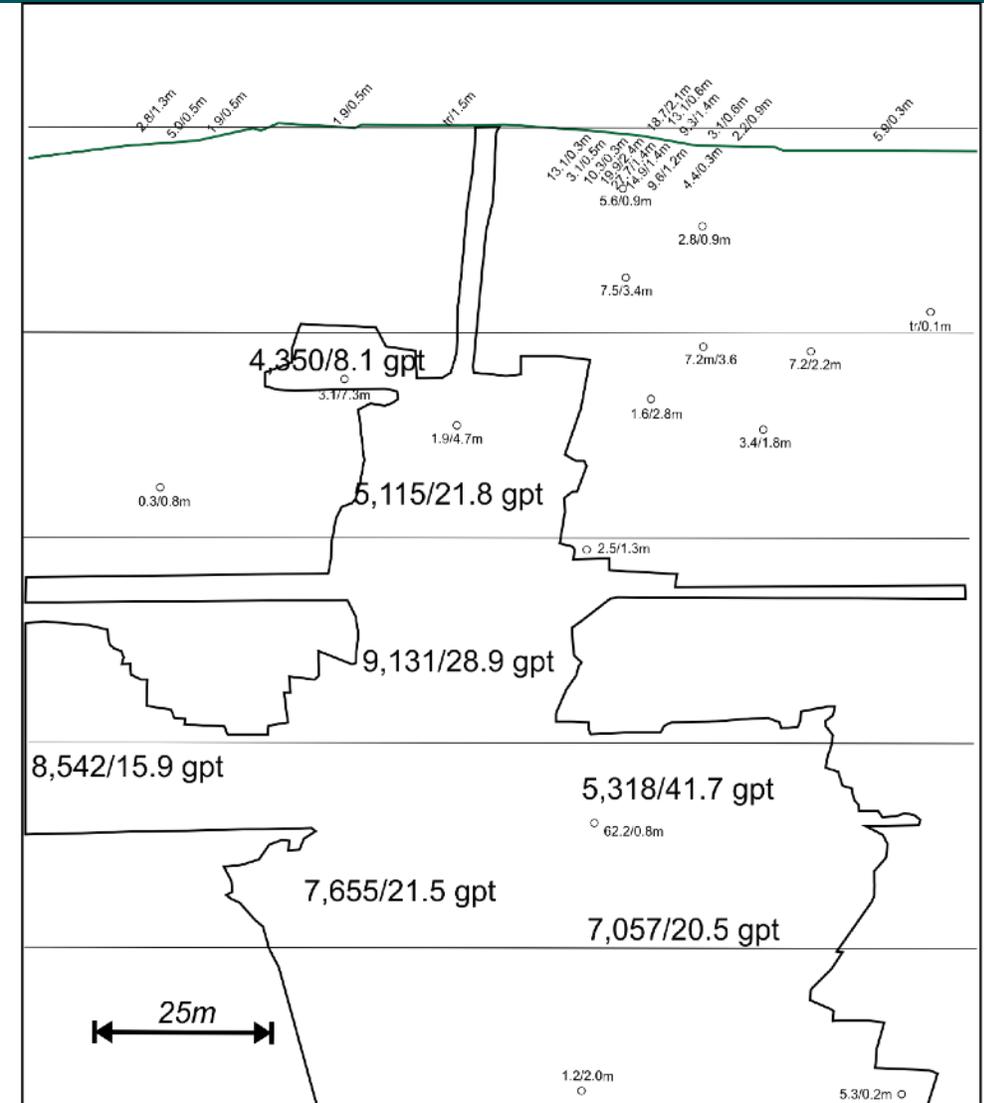
C-4 Shear one is exposed with a 25 m long high-grade section exposed averaging 17 gpt across 1.2 metres within 11.4 gpt over 100 metres.

Fourteen diamond drill holes intersect the structure returning an average of 5.3 gpt gold across 2.2 metres.

Development led to 47,100 tonnes being mined from seven separate stopes.

The 47,100 tonnes graded 22.84 gpt gold recovering 34,500 ounces of gold. **This works out to twice what the average surface grades were, 25% higher grade than the high-grade surface section, and almost five times the diamond drill grades.**

**Clearly diamond drilling does not work in this situation!  
This 6 million ounce deposit would not have been identified  
without bulk sampling.**



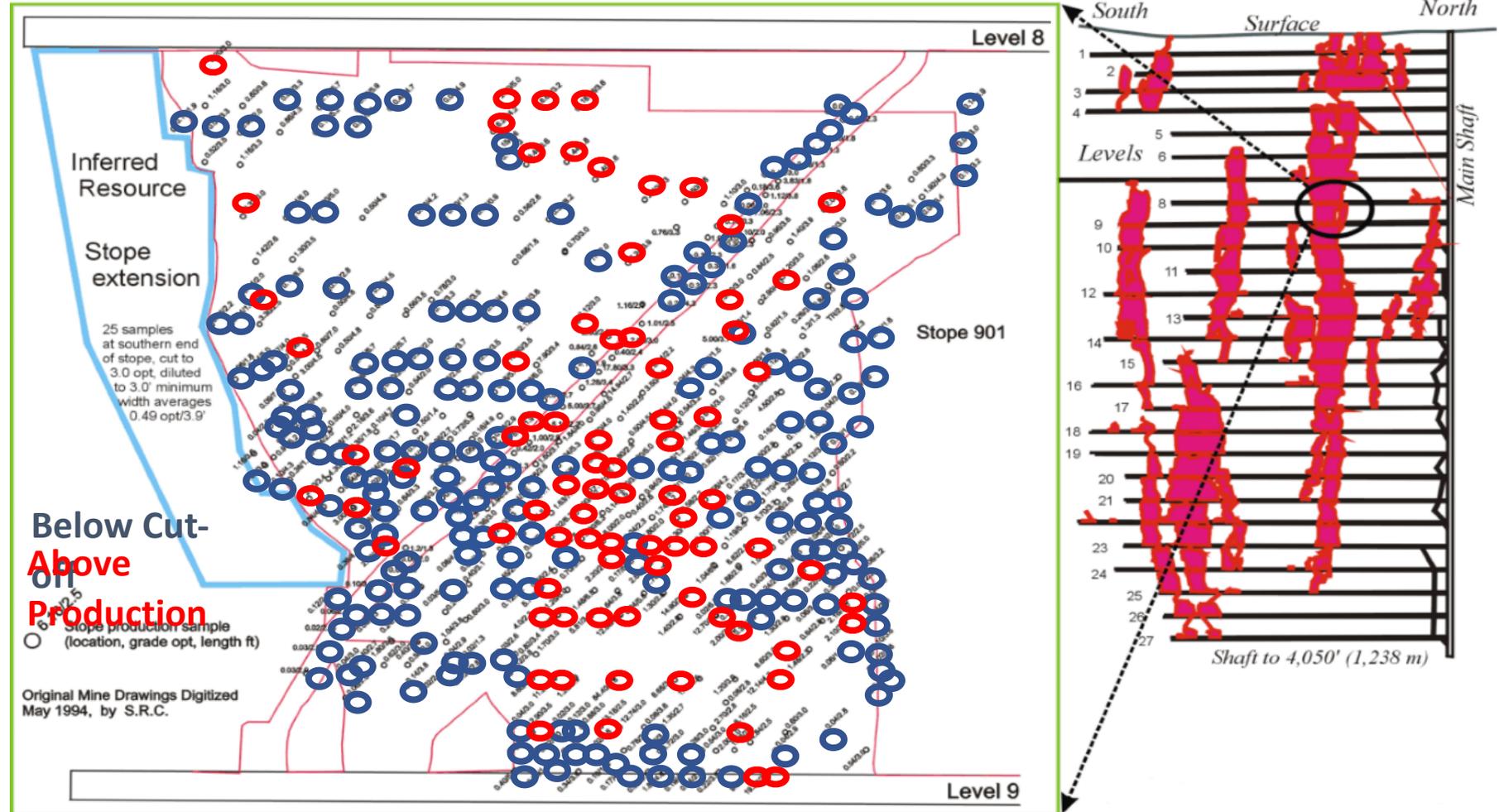
# HISTORY

## East-facing Longitudinal Section through the Discovery Mine



60 NORTH GOLD

### DISCOVERY MINE, 901 STOPE, PRODUCTION SAMPLES



High-grade gold is not homogeneously distributed, rather it occurs in clusters of very concentrated grades

# Yellowknife Gold Belt



60 NORTH GOLD



# Mon Mine - Layout and Facilities



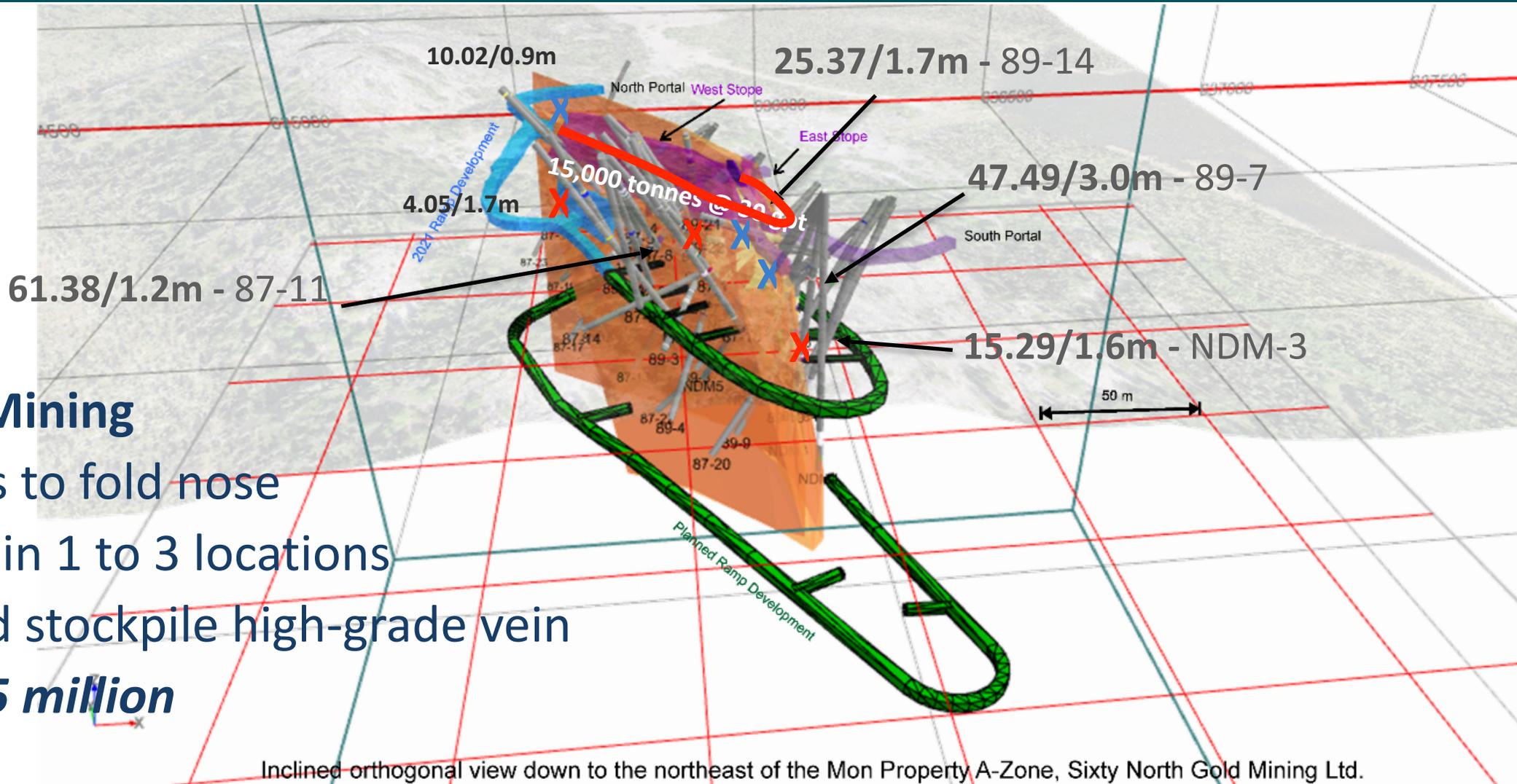
60 NORTH GOLD



# Development Plans - Phase 1



60 NORTH GOLD



## Commence Mining

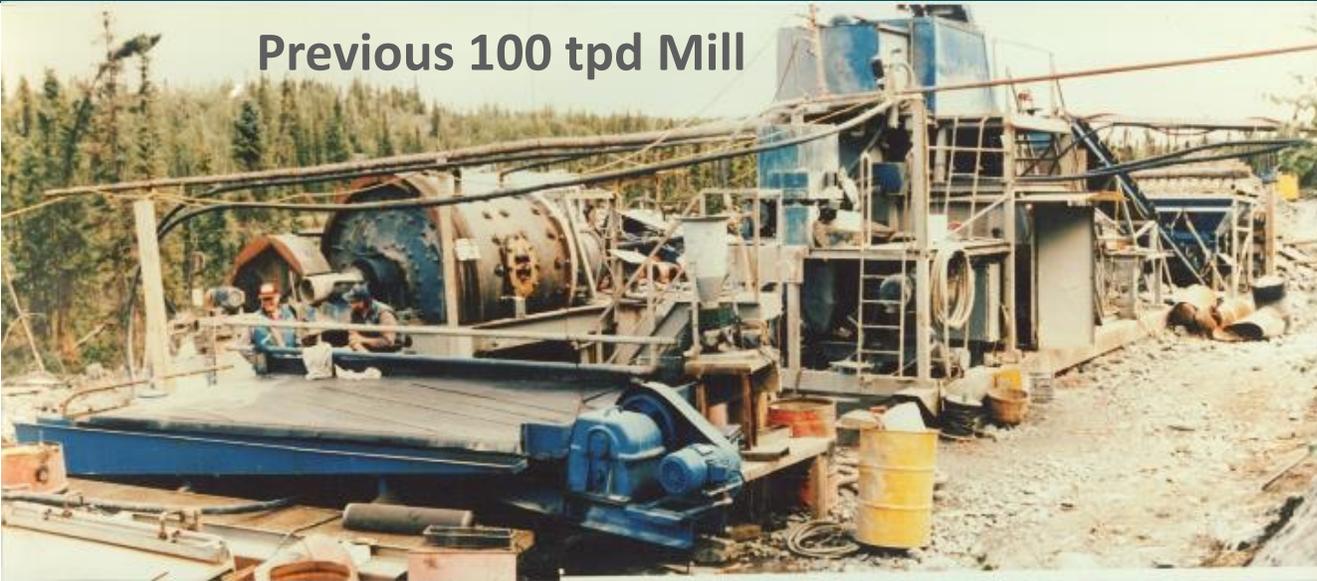
- Drive access to fold nose
- Access vein in 1 to 3 locations
- Remove and stockpile high-grade vein
- **Budget \$1.5 million**

# Development Plans - Phase 2



60 NORTH GOLD

Previous 100 tpd Mill



## Commence processing

- Acquire and install mill
- Restock fuel, explosives, spares
- Commence operations, pour gold dore bars
- ***Budget \$2.2 million***



Gerry Hess  
tabling gold  
concentrate

# Gold Price History



Source: [macrotrends.net](https://www.macrotrends.net)

# Capital Structure and Trading



60 NORTH GOLD

## SXTY Trading:

1. CSE: SXTY
2. OTC-Pink: SXNTF
3. Frankfurt and Tradegate Exchange 2F40
4. Market Cap : \$1.24 million CAD (2024-04-22)

2024-04-22	Shares, warrants and options
Shares	27,643,837
Warrants (\$0.18 – \$1.00 – if exercised, raise \$2.068 m)	7,132,291
Options (\$0.50 – \$1.20)	405,000
<b>Fully Diluted</b>	<b>35,181,128</b>

Note: Management, Directors and Insiders hold 45.7% of outstanding shares



# Directors and Management



60 NORTH GOLD

## Sixty North Gold Mining Ltd.

Tom MacNeill, CPA, CGA, CFA Chairman of the Board

Dr. Dave R. Webb, B.A.Sc., M.Sc., Ph.D., P.Geol., P.Eng.; Director, President & CEO

John Campbell, MBA, CFA, CPA; CFO

Ronald L. Handford, B.A.Sc., MBA; VP Corp. Dev. & Corp. Secretary

John Carter, Director

Andriyko Herchak, B.Comm., CPA, CA; Director

Brian Malahoff, P.Geo.; Director

Bill Van Breugel, P.Eng.; Director

# Key Operations Personnel



60 NORTH GOLD

## **Dr. Dave R. Webb, Ph.D., P.Geol., P.Eng.**

has over 40 years of experience, completed his M.Sc. and Ph.D. in Yellowknife. He discovered four gold deposits in Yellowknife (one into production, three to Feasibility Studies and permitting). He acquired the Mon Property in the late 1980's from Cominco Ltd. and developed it into production in the 1990's.

## **Rod McKay**

Mine Manager - Mon Gold mine project, has worked as a project superintendent on numerous underground mining projects, including responsibility for milling operations and exploration activities. He has more than 40 years of diversified work experience in all aspects of underground mine construction, operation and maintenance, including in the NWT.

## **Gerry V. Hess**

Operations Advisor, is a former Mine Manager of the Mon Mine, and underground superintendent at four other mines in the Yellowknife area. He has been an independent mine contractor installing several kilometres of underground workings at various remote sites and has been a former contractor at one of the NWT's diamond mines.

# Contact



60 NORTH GOLD

Dr. Dave R. Webb  
B.A.Sc., M.Sc., Ph.D., P.Geol.,  
P.Eng.

President & CEO

Sixty North Gold Mining Ltd.

p: 604-818-1400

e: [dave@drwgcl.com](mailto:dave@drwgcl.com)

[www.sixtynorthgold.com](http://www.sixtynorthgold.com)

**CSE: SXTY**

**FRANKFURT: 2F40**

**TRADEGATE: 2F40**

**OTC-PINK: SXNTF**



[@SixtyNorthGold](https://twitter.com/SixtyNorthGold)



[Sixty North Gold Mining Ltd.](https://www.linkedin.com/company/SixtyNorthGoldMiningLtd)



[sixtynorthgold](https://www.facebook.com/sixtynorthgold)

# Mon Mine - 40 km from Yellowknife NWT



60 NORTH GOLD

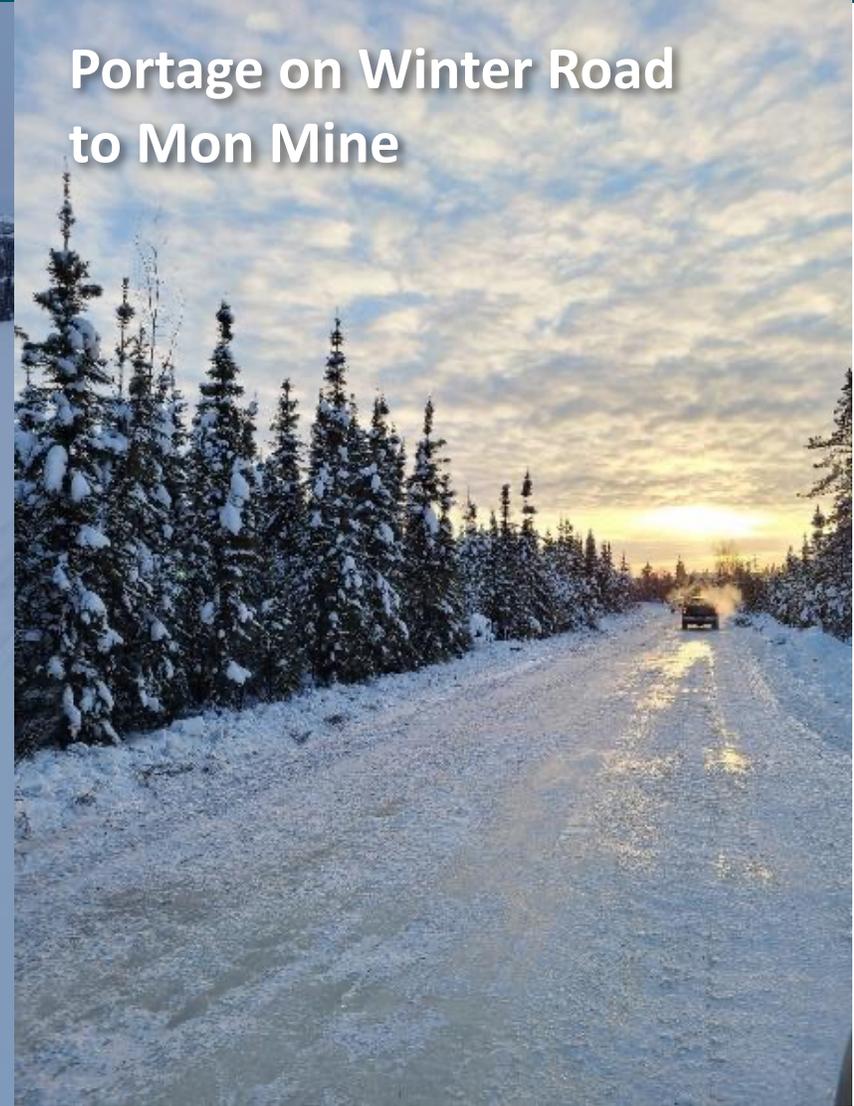
Winter Road to  
Mon Mine



Construction of Winter Road  
to Mon Mine



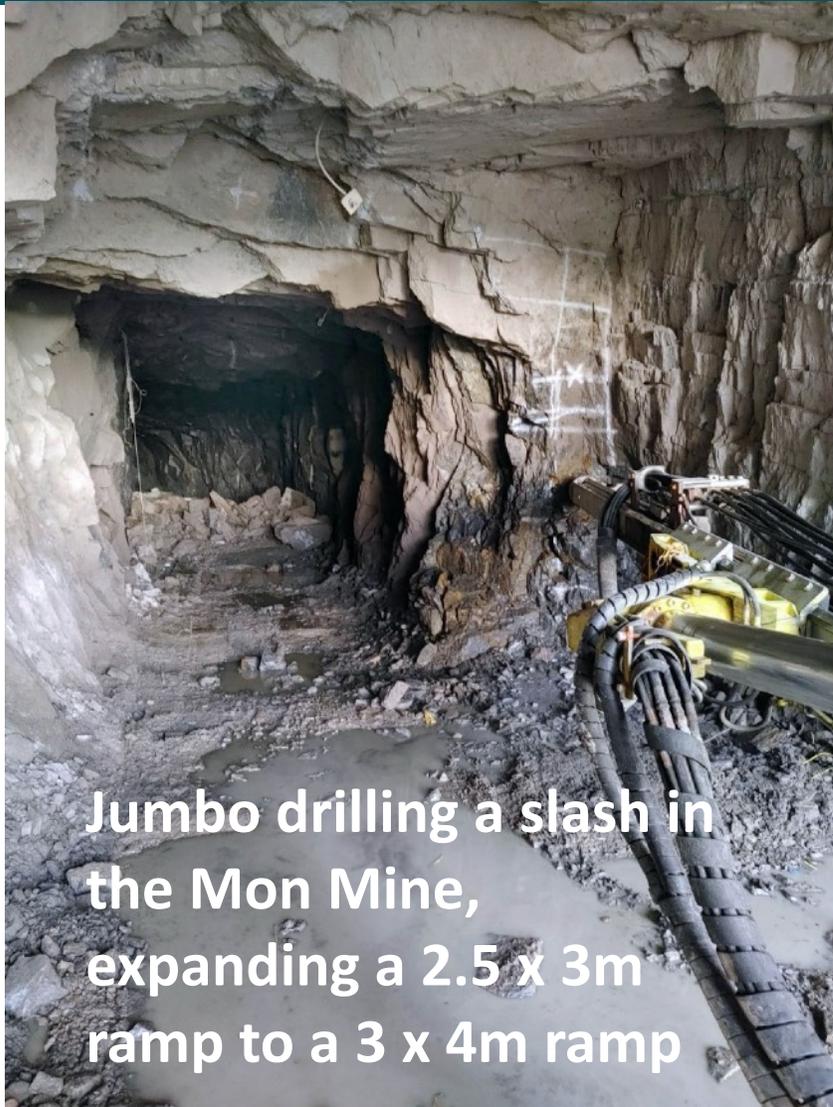
Portage on Winter Road  
to Mon Mine



# Photos



60 NORTH GOLD



Jumbo drilling a slash in the Mon Mine, expanding a 2.5 x 3m ramp to a 3 x 4m ramp



Two yard Scooptram on Mon Property

Aerial View



Gold button from Mon metallurgical testing