



**60 NORTH GOLD**

CSE: SXTY  
FRANKFURT: 2F4  
OTC-PINK: SXNTF

SIXTY NORTH GOLD MINING LTD.  
**MON GOLD PROPERTY**  
NEAR YELLOWKNIFE, NWT, CANADA

Advanced gold and VMS exploration project with a  
high-grade gold production history

OCTOBER 2019

# CAUTIONARY STATEMENT

Sixty North Gold Mining Ltd. is a British Columbia company ("the Company"). All statements in this presentation are made as at October 10, 2019. 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. In addition, the proceeds of the future financings may not be sufficient for the Company to complete its earn in and acquire the Mon Gold Property. The Company will require additional financing to complete the acquisition, which may result in further dilution to investors. If the Company is unable to complete the earn in, it will lose its interest in the Mon Gold Property. 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. (the vendor of the Mon Gold Property). The technical information in December 11, 2017 prepared on Form NI 43-101F1 by David Dupre, P. Geo, and Kevin Fitzpatrick, P. Eng., qualified persons for the purposes of NI 43-101 who are independent of the Company and the property vendor.



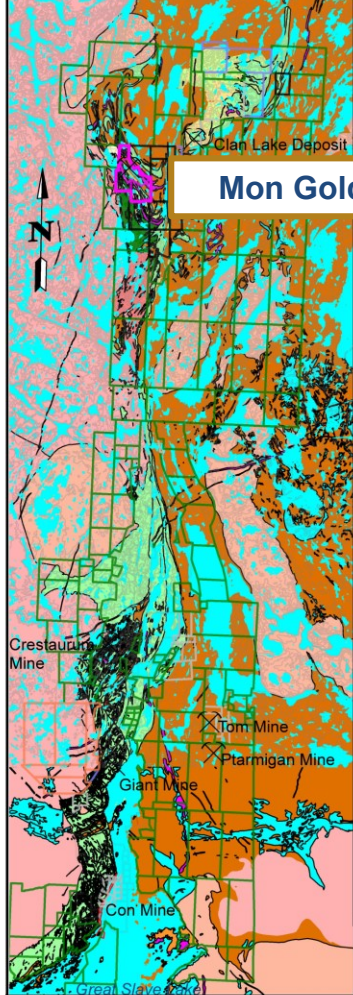
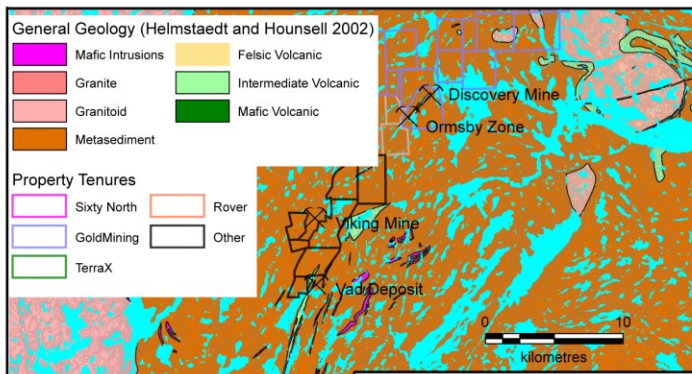
# MON GOLD PROPERTY

## A HIGH-GRADE PAST PRODUCING GOLD MINE 1989-1997

- The Mon Gold Property is located in The Yellowknife Greenstone Belt, NWT, Canada. Past mining in this Belt exceeds 15 million ounces of gold at grades >0.5 oz./tonne, including the Con (6 m oz.), Giant (8 m oz.) and Discovery Mines (1 m oz. at 1 oz./tonne, 1949-1969).
- The Mon Gold Property is geologically similar to the Discovery Mine, 50 km to the north.
- Sixty North Gold Mining Ltd. (Optionee) has an option to earn an 80% interest in the Mon Gold Property, subject to a 2% NSR, through funding \$2 million by 12/31/2018 (achieved), and a cumulative \$6 million by 12/31/2020. Optionee and Optionor agreed in a letter of intent that the remaining 20% carried interest can be acquired by issuance of 25% of outstanding shares of SXTY (news release October 7, 2019).
- New Discovery Mines Ltd. (Optionor) is the Project Manager.
- Land Use Permit and Water License for mining and milling production at 100 tpd are in place – the Mon is the only gold project in the NWT permitted for production.
- Sixty North Gold conducted drilling in 2016, surface exploration in 2017 and 2018, airborne geophysics in 2019, and is planning drilling on VMS and gold targets, and an underground bulk sample program on the former-producing A-Zone.



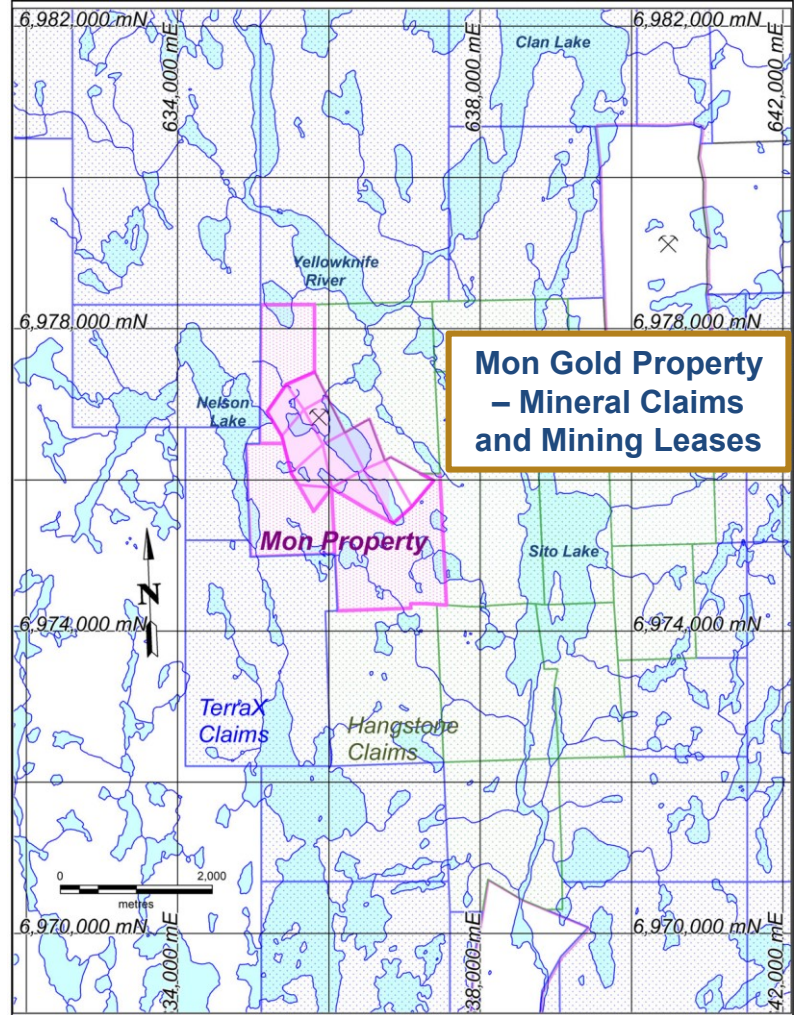
# LOCATION, REGIONAL GEOLOGY & CLAIMS & MINING LEASES



**Mon Gold Property**



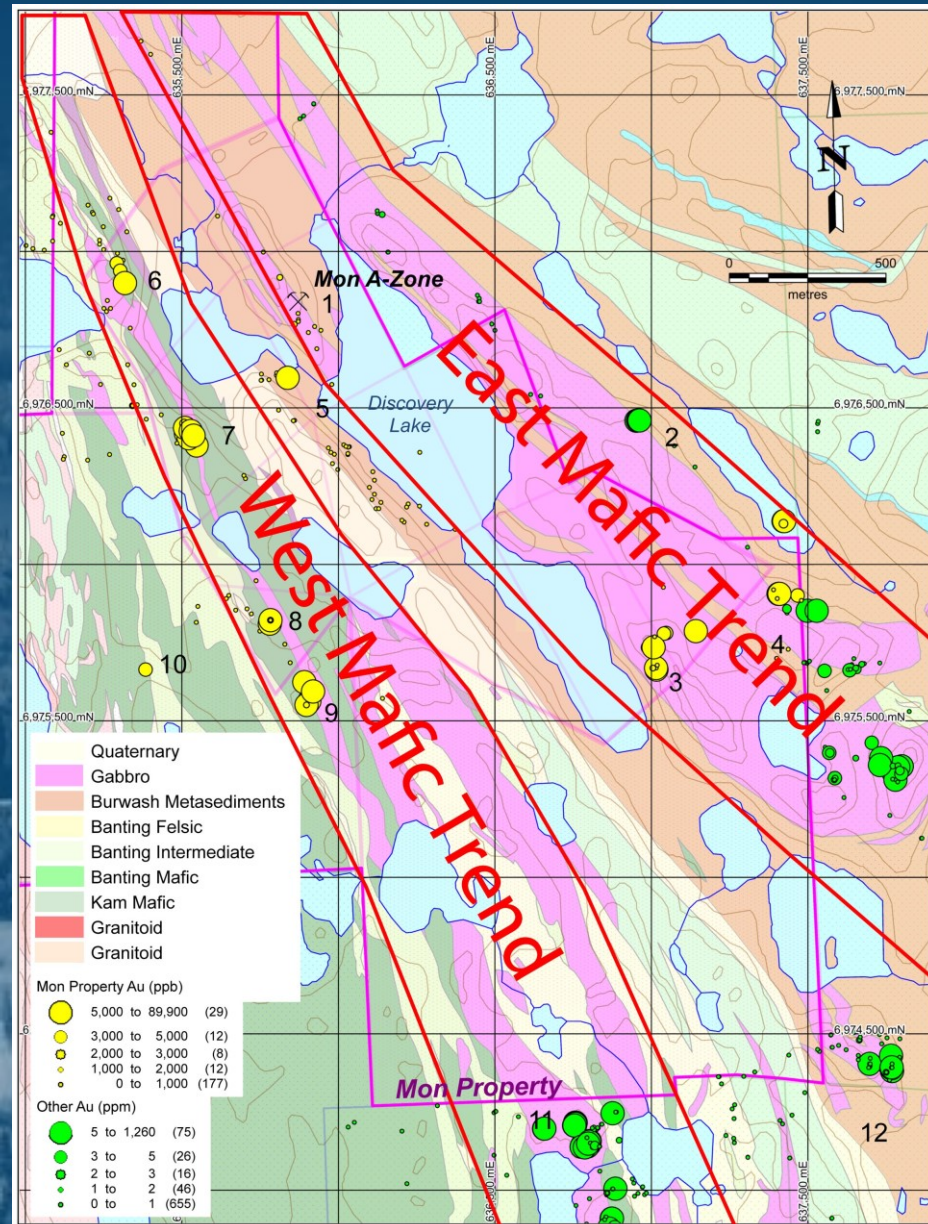
**Mon Gold Property**



**Mon Gold Property  
– Mineral Claims  
and Mining Leases**



# 2017 PROSPECTING RESULTS: TWO GOLD TRENDS OVER 3 KM LONG



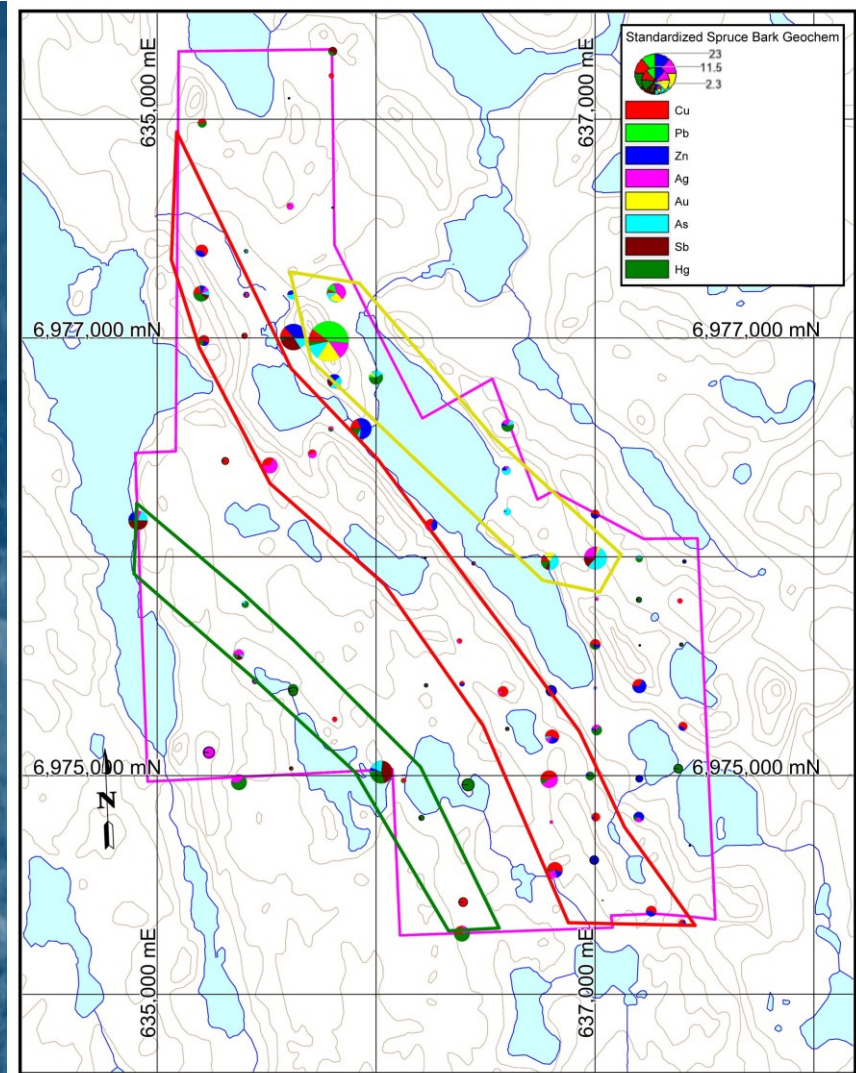
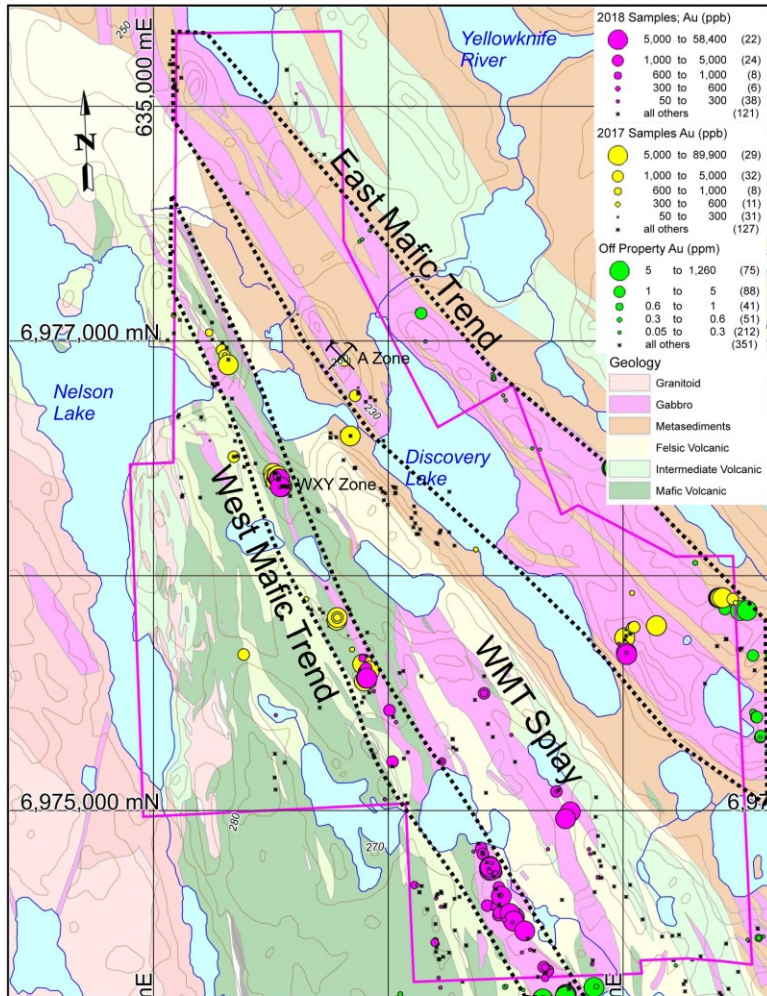
- Two hundred and fifty grab samples of rock were collected across the property. Thirteen samples exceeded 10 gpt gold with the highest value of a 1 AT fire assay returning 144 gpt gold. Another 48 samples exceeded 1 gpt.
- All samples were collected outside the A-Zone.
- Details in news release August 1, 2018



# 2018: GRAB AND BIOGEOCHEM SAMPLES IN STRUCTURES OVER 3 KM LONG

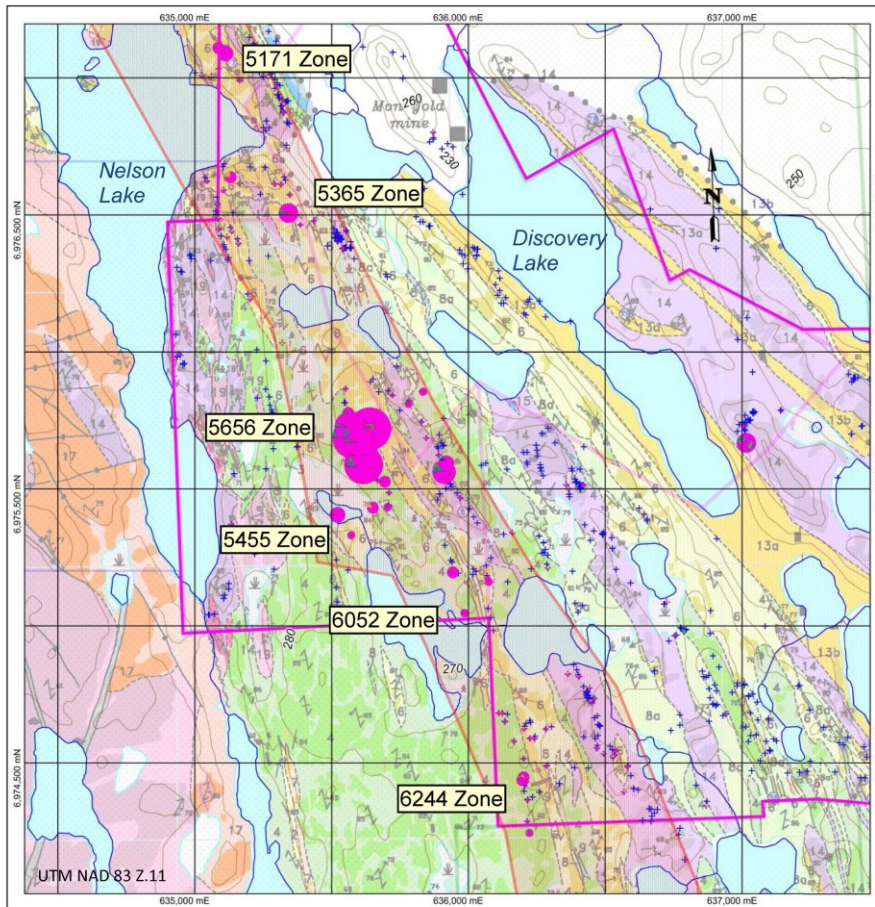


- Grab samples up to 52.4 gpt gold and composite chip samples up to 7.22 gpt gold over 6.0 m; Details in news release August 15, 2018





# 2018: DISCOVERY OF VMS ZONE ENRICHED IN SILVER, LEAD, ZINC, AND GOLD

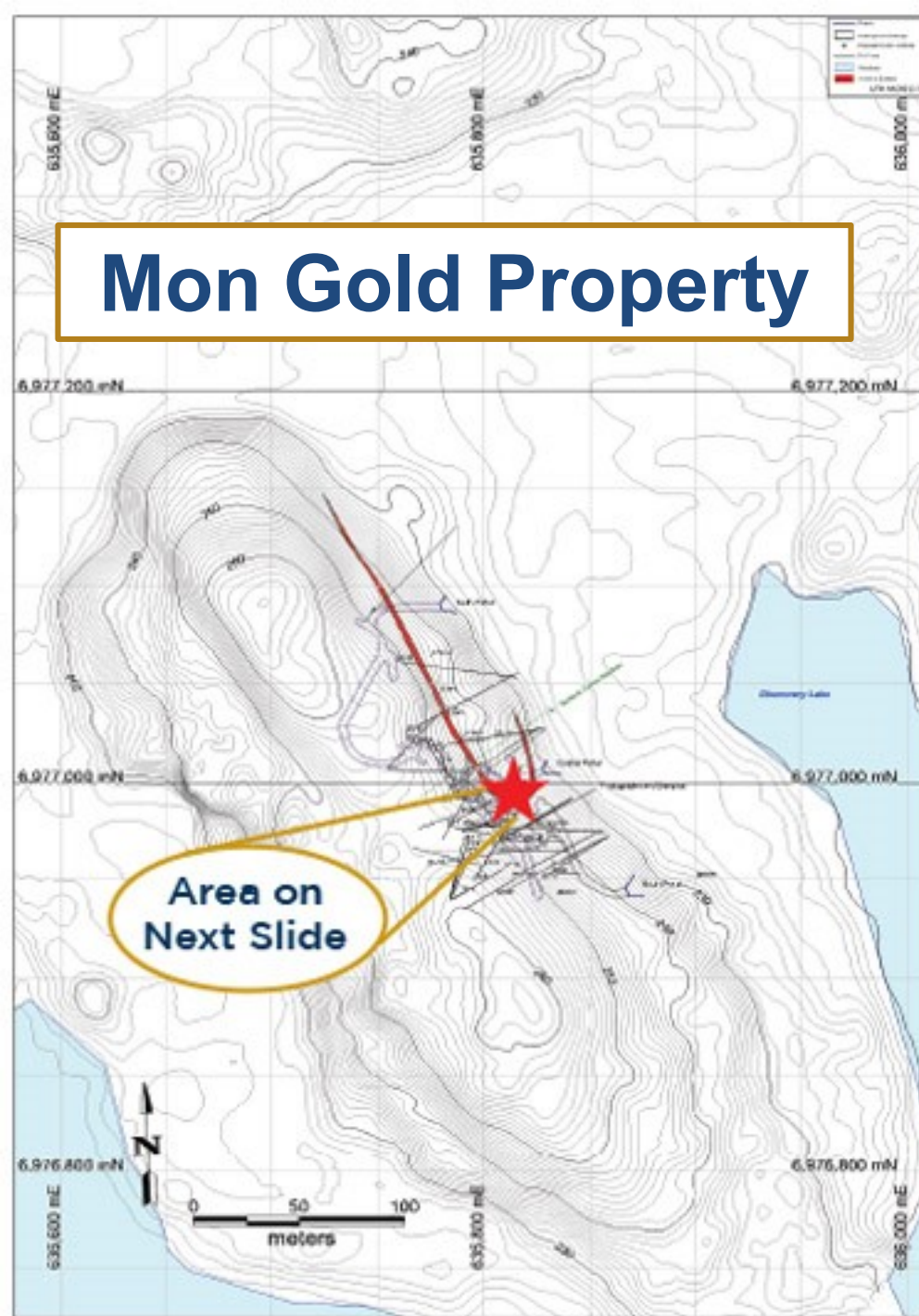


Mon Gold Property, 2018 Lithogeochemistry Results on Geological Base Map after Jackson, V.A., 1998

- Nelson Lake Deposit: six zones confirmed by grab sampling.
- The best 8 samples yielded average grades of 2.45% lead, 1.66% zinc, 253.3 gpt silver and 1.61 gpt gold over 150 m
- Airborne geophysical survey completed March 2019, 7 drill targets identified
- Details in news releases November 6, 2018 and April 2, 2019



# Mon Gold Property







**EAST STOPE RAISE**

**WEST STOPE**

**A ZONE VEIN**

**VIEW TO THE SOUTH OF A-ZONE VEIN**

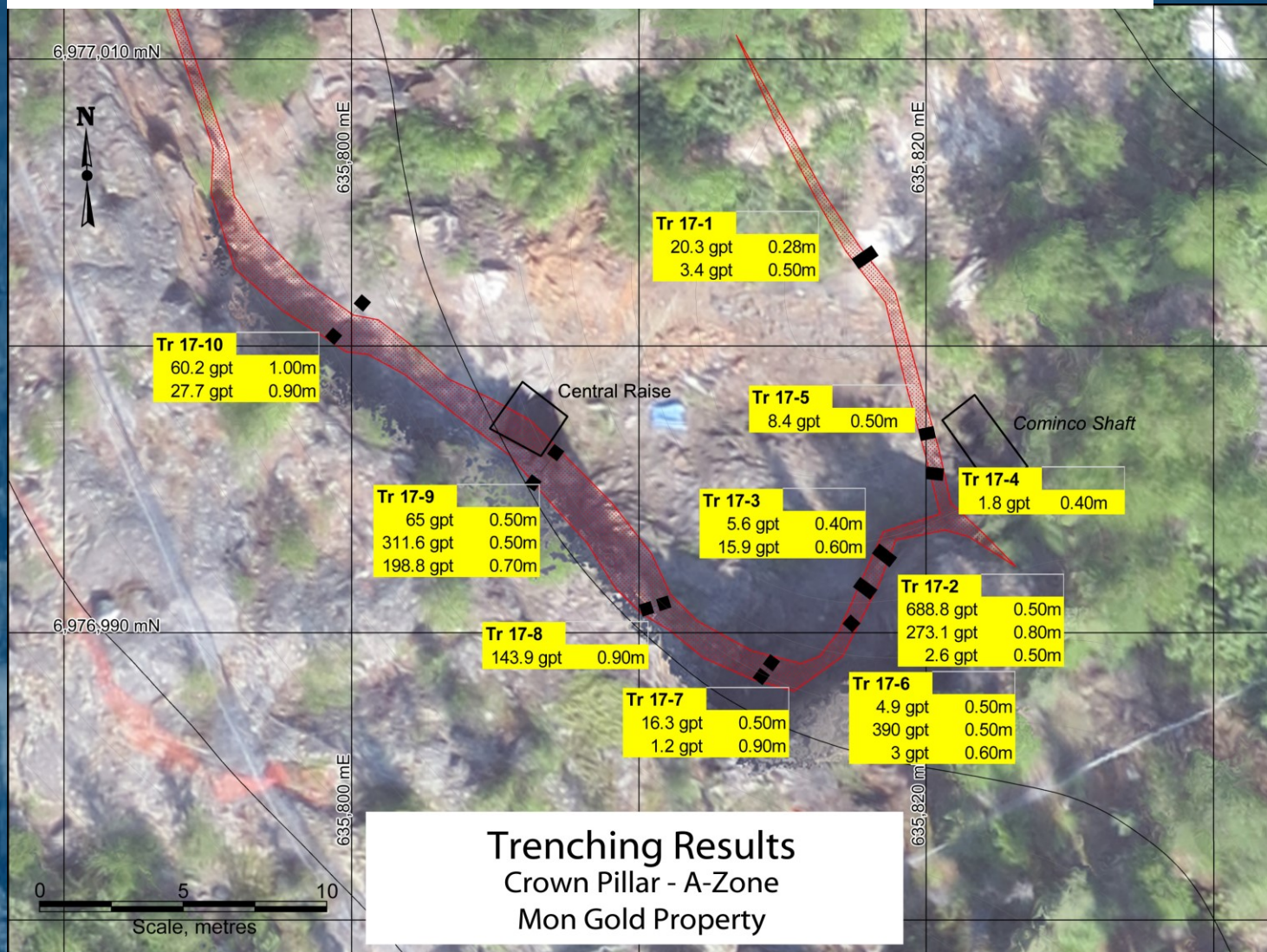
A-Zone vein at the mouth of the central adit sampled by DG Dupre, QP, June 2016: three 1m long continuous chip samples averaged 147 gpt gold; ref. NI 43-101 Technical Report, Dupre and Fitzpatrick, 2017



# MECHANIZED TRENCHING SUPPORTS HIGH GRADE NATURE OF A-ZONE



- Samples from 1.20 gpt Au/0.90 m to 688 gpt Au/0.50 m
- Details in news release August 7, 2018





# METALLURGICAL TESTING 2018: RECOVERIES AVG. 98.8%



Composite ID	Sample Weight Tested	Head Grade, g/t Au		Gold Recovery, % Au		
	kg	Measured	Calculated	Gravity	Flotation	Overall
Composite 1	75.6	17.4	16.6	79.9	18.0	97.9
Composite 2	83.8	266.8	314.8	73.2	26.0	99.3
Composite 3	83.6	170.7	128.9	75.7	23.5	99.2
<b>Composite 1+2+3</b>	<b>243.0</b>	<b>156.2</b>	<b>158.0</b>	<b>76.1</b>	<b>22.7</b>	<b>98.8</b>

- Three composite samples totaling a quarter tonne on the crown pillar of the A-Zone
- Simple gravity and flotation circuit averaging 98.8% recovery on 158.0 g/t Au calculated head grade
- Environmental benefit – high recoveries without the use of cyanide leaching
- Details in news release August 15, 2018

# PLANNED ACTIVITY 2019 AND BEYOND

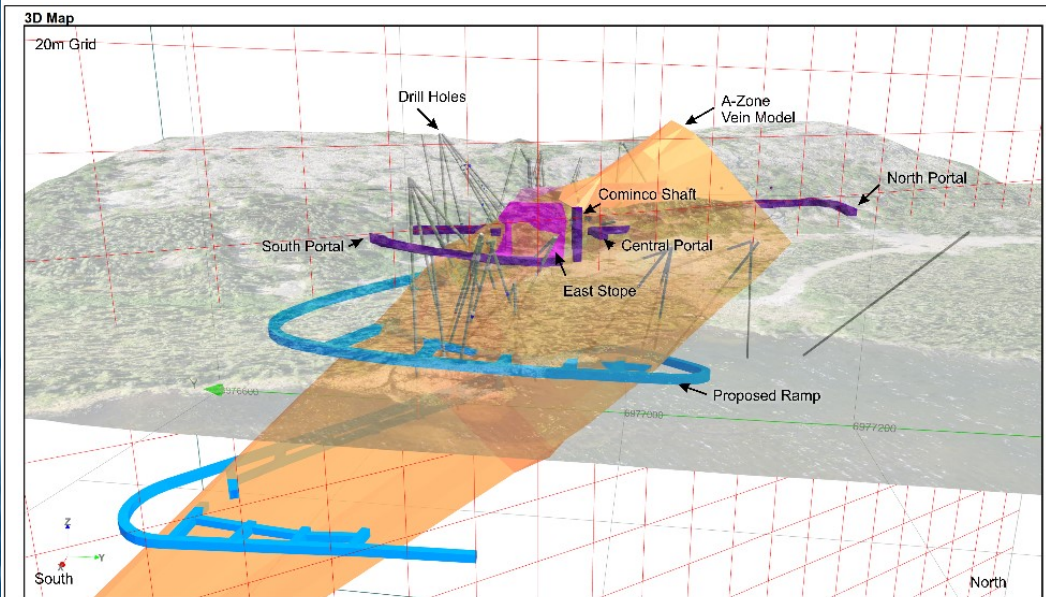


- Drilling on VMS and gold shear zone targets and continued surface exploration.
- Deliver mining equipment and bulk consumables to site via winter road for underground sampling and bulk sample extraction and testing program on the former-producing A-Zone (2020).
- Future A-Zone program: underground drilling as warranted; install mill and dry stack tailings facility; process bulk sample at an initial rate of 100 tpd.
- Seek regional exploration property acquisition opportunities.





# PROPOSED UNDERGROUND BULK SAMPLING



Three dimensional representations of the A-Zone (gold) with drill hole traces (dark grey), and existing workings (purple) with proposed development (blue) in views to the south (top image) and to the west (bottom image)



# Aerial View of the A-Zone Area Looking West Showing Previous Operations in the 1990's





# NI 43-101 TECHNICAL REPORT HIGHLIGHTS (1)



## MON GOLD PROPERTY, NWT, CANADA DECEMBER 11, 2017, Available On Sedar

- A number of gold-bearing quartz veins occur on the Mon Gold Property. Only the A-Zone has seen significant exploration.
- The Mon Gold Property is an Archean, turbidite-hosted, stratabound, non-strataform quartz shear/vein deposit and as such has substantial potential.
- The deposit is described as an anticlinally-folded quartz vein, plunging to the south at around 20 to 40 degrees. The higher gold grades at the fold nose are consistent over the mined length of 75 meters (open to south), with lower grade gold values being found in the limbs of the structure.
- A five-hole diamond drilling campaign by Sixty North Gold Mining Ltd. In October 2016 has shown continuity of the A-Zone to a vertical depth of 54 m below the East Stope and to a vertical depth of 63 m below the West Stope.
- Nearby properties: Clan Lake (formerly owned by Tyhee), 5 km away (79K oz, Measured and Indicated Resource, 316 K oz. Inferred); TerraX's (TXR.V) Yellowknife City Project is 25 km to the south (no resources or reserves).

# NI 43-101 TECHNICAL REPORT HIGHLIGHTS (2)



## MON GOLD PROPERTY, NWT, CANADA, DECEMBER 11, 2017, Available On Sedar

- The overall size, grade and form of the mineralization as well as its host rock assemblage is similar to the Discovery Mine (located 50 km to the north) where 1 million tons of ore were mined and 1 million ounces of gold were recovered between 1949 and 1969. Mon Gold Property's A-Zone appears to be a viable exploration target for a "Discovery Mine" type of deposit.
- There are no known resources or reserves on the Mon Gold Property, and the presence of mineral deposits on properties adjacent to or in close proximity to Mon Gold Property is not necessarily indicative of mineralization on the Mon Gold Property.
- It is proposed that a >1000 tonne bulk sample be collected from the "A" zone. The sample will allow for confirmation of the geometry and size of the vein, and the larger sampling will allow for a better estimate of the grade. This underground work is not intended to provide an estimate of any Mineral Resource or Reserves.
- A surface prospecting, trenching and chip/panel sampling program should be initiated to confirm and qualify old showings that have not been reviewed in several decades, as well as identify new showings.



# SIXTY NORTH GOLD MINING LTD.

## DIRECTORS AND MANAGEMENT



- John Campbell, MBA, CFA, CPA; Chairman of the Board & CFO
- Dr. Dave R. Webb, B.A.Sc., M.Sc., Ph.D., P.Geol., P.Eng., President & CEO
- Ronald L. Handford, B.A.Sc., MBA; VP Corp. Dev. & Corp. Secty.
- Grant Block, CPA, CA, CMA, CPA (Nevada) Director
- Andriyko Herchak, B.Comm., CPA, CA Director
- Gavin Kirk, Director and Investor Relations Consultant
- Brian Malahoff, P.Geo., Director

## NEW DISCOVERY MINES LTD.

### PROJECT MANAGER

- Dr. Dave R. Webb, B.A.Sc., M.Sc., Ph.D., P.Geol., P.Eng., Director
- Gerry V. Hess, President



# CAPITAL STRUCTURE

<b>2019-10-07</b>	<b>Shares and warrants issued</b>
<b>Shares</b>	<b>60,233,333</b>
<b>Warrants</b>	<b>15,582,000</b>
<b>Options</b>	<b>4,180,000</b>
<b>Fully Diluted</b>	<b>79,995,333</b>
<b>Note: Management and Directors hold 27.7% of outstanding shares</b>	



# INVESTMENT ADVANTAGES



- The Mon Gold Property (A-Zone) is a past producer 1990 – 1997
- Located on the NWT greenstone gold belt; production history >15m oz. mined
- Multiple exploration targets defined in 2017 and 2018 prospecting program outside the A-Zone: two parallel gold trends over 3 km long and a 2.5 km long horizon hosting VMS – 7 drill targets identified in 2019 airborne geophysics program
- Advanced exploration model leading to underground bulk sample on the A-Zone in the near future
- The Mon Gold Property has operating permits for mining and milling at 100 tpd and is the only gold project in NWT with operating permits
- Mechanized trenching 2017 of the crown pillar of the A-Zone showed samples from 1.2 gpt gold over 0.90 m up to 688 gpt gold over 0.50 m
- Metallurgical testing with simple mill circuit, gravity + flotation, recoveries averaging 98.8%
- Good political risk – stable and attractive jurisdiction; mining is important to the NWT - direct benefits of mining account for almost 40% of the NWT's Gross Domestic Product
- Proximity to Yellowknife – 15 min flight helicopter, float or ski plane; winter road access for heavy equipment
- Experienced operating team in place – previous operators on this site
- Sixty North Gold Mining has strong management, governance and technical experience

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