



**TSX : WRN I NYSE AMERICAN : WRN** 

### FORWARD LOOKING STATEMENTS



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Statements contained in this presentation that are not historical fact are "forward-looking statements" as that term is defined in the United States Private Securities Litigation Reform Act of 1995 and "forward-looking information" as that term is defined in National Instrument 51-102 of the Canadian Securities Administrators (collectively, "forward-looking statements"). Forward-looking statements in this presentation include, without limitation, statements regarding mineral reserve and resource estimates, planned exploration and development activities, corporate objectives, the economic prospects of the Company's projects, the Company's future plans or future revenues, and timing of development, or potential expansion or improvements. Such forward-looking statements are based on certain assumptions that the Company believes are reasonable, including, without limitation, with respect to any mineral reserve or resource estimate, the key assumptions and parameters on which such estimates are based, prevailing and projected market prices and foreign exchange rates, projected capital and operating costs, continued availability of capital and financing, availability of equipment and personnel required for construction and operations, the Company not experiencing unforeseen delays, unexpected geological or other effects, equipment failures, permitting delays, and general economic, market or business conditions. Forward-looking statements are subject to known and unknown risks and uncertainties which could cause actual results to differ materially from estimated results. Such risks and uncertainties include, but are not limited to, the Company's ability to raise sufficient capital to fund development; changes in general economic conditions or financial markets, changes in prices for the Company's mineral products or increases in input costs; uncertainties relating to interpretation of drill results and the geological continuity and grade of mineral deposits; that mineral resources and reserves are not as estimated; ri

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We use certain terms in this presentation, such as "measured", "indicated", and "inferred" "resources", that the SEC guidelines strictly prohibit U.S. registered companies from including in their filings with the SEC. "Inferred mineral resources" have a great amount of uncertainty as to their existence, and their economic and legal feasibility. It cannot be assumed that all or part of an inferred mineral resource will ever be upgraded to a higher category. Readers are cautioned not to assume that all or any part of an inferred mineral resource exists or is economically or legally mineable. U.S. investors are urged to consider closely the disclosure in the Company's Form 40-F, which may be obtained from the Company or from the SEC's website at www.sec.gov/edgar.shtml.

## **CLEAN AND TIGHTLY-HELD OWNERSHIP STRUCTURE**



TRADING	Toronto Stock Exchange, NYSE American	WRN
CASH POSITION	Cash & Short Term Investments	C\$ 28.6 million
December 31, 2020	Short/Long Term Debt	\$Nil
SHARE STRUCTURE	Share Price	C\$ 1.58
April 6, 2021	Market Cap	C\$ 215M
	Common Shares	135,797,635
	Options	6,875,000
	Warrants	1,500,000
	Fully Diluted	144,172,635
TOP SHAREHOLDERS	Fidelity Management & Research Co. LLC	5.5%
April 2021	Dale Corman, Executive Chairman	5.4%
	Michael Vitton, Director	5.0%
	Claret Asset Management Corp.	2.7%
	Franklin Advisers, Inc.	2.4%
	Kopernik Global Investors LLC	1.9%
<b>ROYALTY</b> (OSISKO GOLD ROYALTIES)	Net Smelter Return (NSR)	2.75%

### WRN AND THE CASINO DEPOSIT





#### SIGNIFICANT COPPER-GOLD PROJECT

- One of the largest copper-gold projects in Canada
- New increased resource
- Straightforward project open pit, standard flowsheets, good infrastructure

## LOCATED IN THE RIGHT PLACE

- ✓ Yukon, Canada a new emerging mining district
- ✓ Straightforward permitting process

#### **CONTINUING TO ADD VALUE**

- History of derisking and value creation
- Recent exploration expanded northern extent of mineralization and further delineated core zone
- ✓ PEA underway, scheduled completion Q2-2021

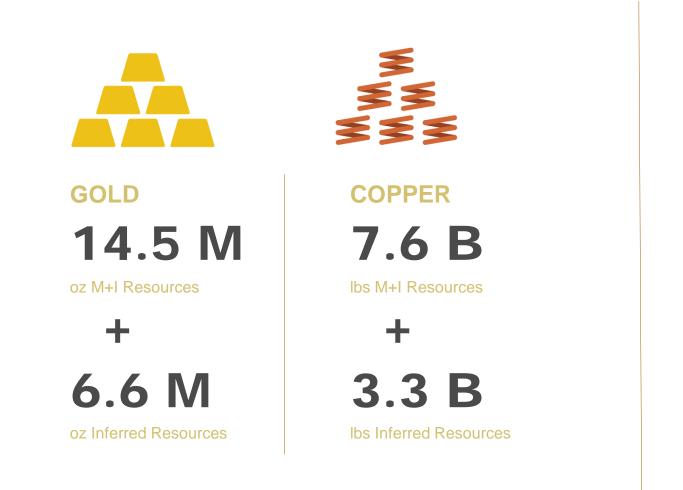
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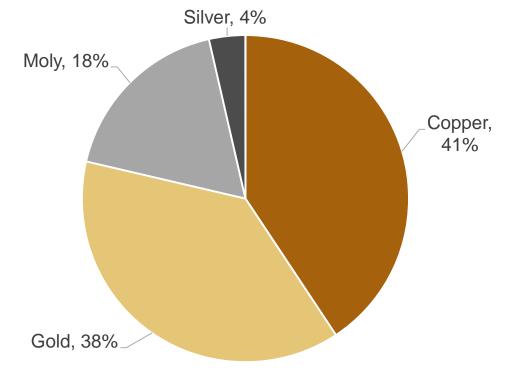




SIGNIFICANT COPPER-GOLD PROJECT







#### CONTAINED METAL VALUE DISTRIBUTION IN THE M&I MILL RESOURCE

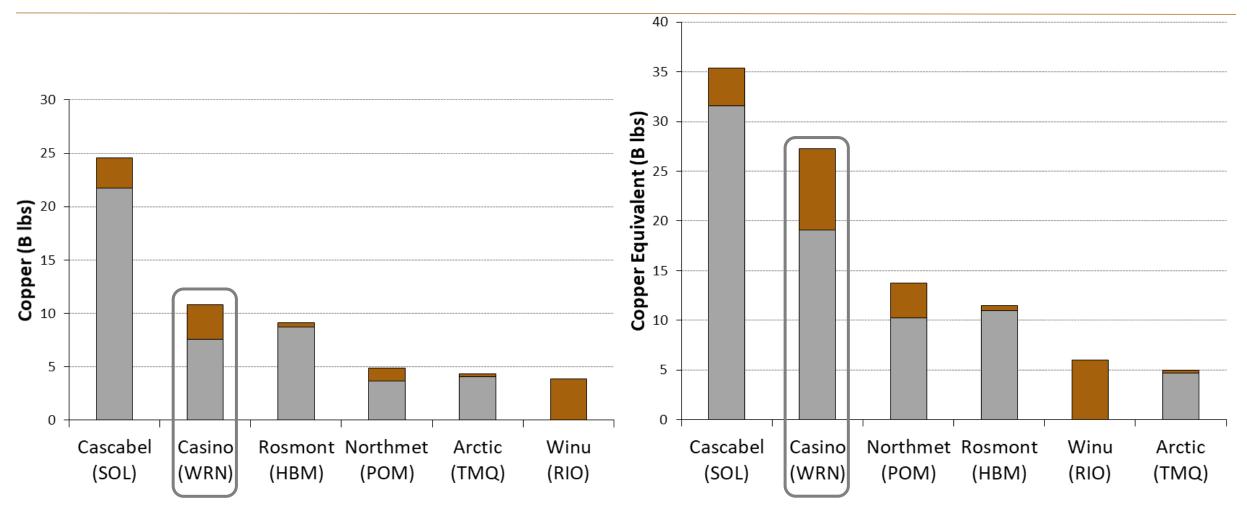
Source: 2020 Resource. US\$2.75/lb copper, US\$1500/oz gold, US\$18/oz silver, and US\$11.00/lb moly. See "Notes" in Appendix.

Source: 2020 Resource. See "Notes" in Appendix



#### SIGNIFICANT COPPER DEPOSIT





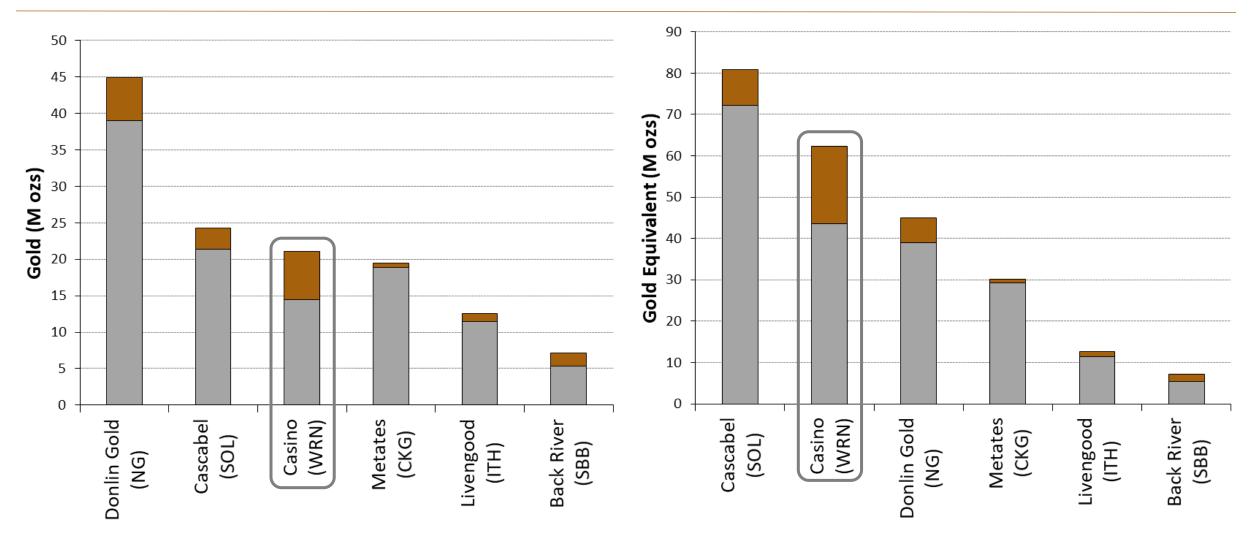
Measured & Indicated Resources Inferred Resources

Notes: Peer group data as per latest company documents and public files. See "Notes" in Appendix for equivalent calculations. No discount for metallurgical recovery.

#### TSX : WRN I NYSE AMERICAN : WRN

#### SIGNIFICANT GOLD DEPOSIT



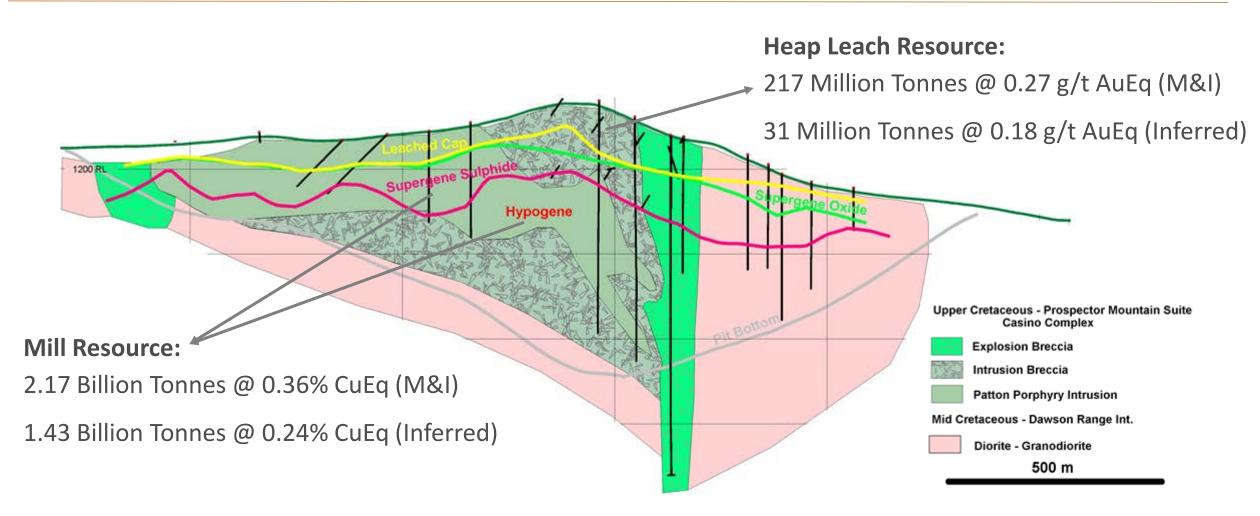


Measured & Indicated Resources

Notes: Peer group data as per latest company documents and public files. See "Notes" in Appendix for equivalent calculations. No discount for metallurgical recovery.







Notes: East—west longitudinal section 6958400 N. Based on 2020 Resource. See "Notes" in Appendix.



#### **CORE ZONE**

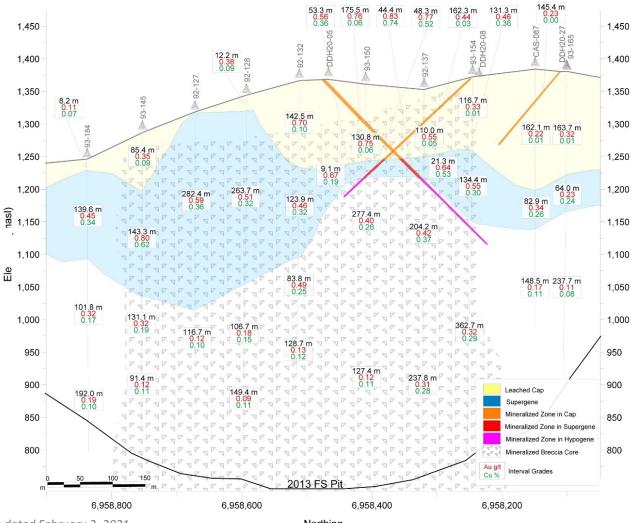


#### **Casino Core Zone**

- 800 m X 500 m zone in the center of the deposit
- Primarily breccia geology
- Grades significantly higher in this zone as compared to the overall resource grade

NSR Cog	Class	8.84	Copper	Gold	Moly	Silver	CuEq
(\$/t)		Mt	(%)	(g/t)	(%)	(g/t)	(%)
	Measured	145.3	0.31	0.40	0.025	2.1	0.74
5.70	Indicated	2,028.0	0.14	0.17	0.016	1.4	0.33
	M+I	2,173.3	0.15	0.18	0.017	1.4	<mark>0.36</mark>
	Measured	101.3	0.36	0.47	0.030	2.3	0.87
30	Indicated	229.6	0.28	0.31	0.032	2.3	0.62
	M+I	330.9	0.30	0.36	0.032	2.3	<mark>0.70</mark>





Notes: Resource based on 2020 Resource. See "Notes" in Appendix. Drill results taken from press release dated February 2, 2021

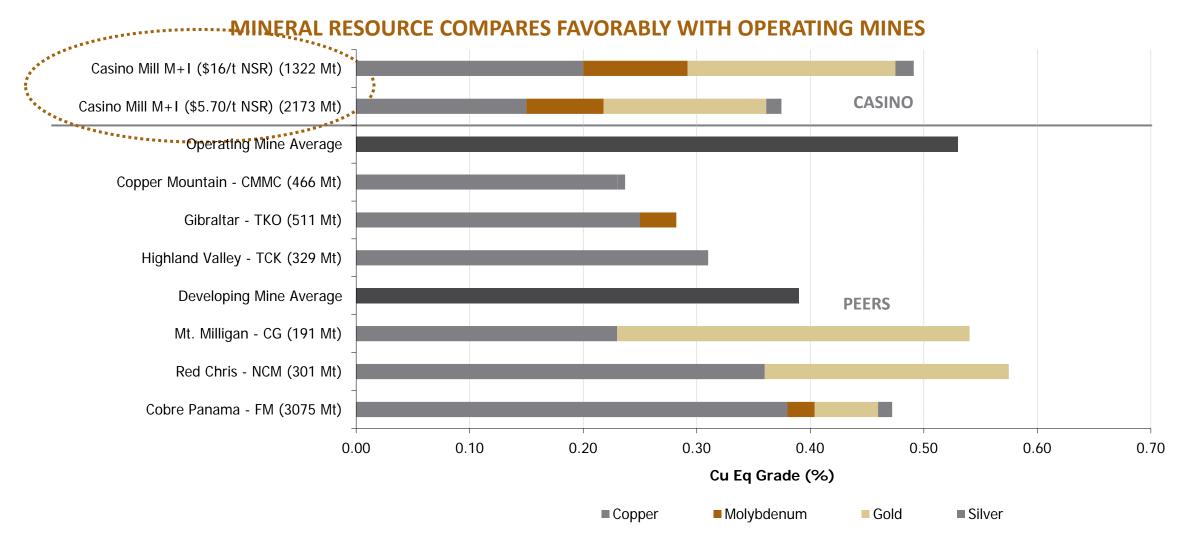
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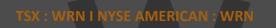
## **TSX: WRN I NYSE AMERICAN: WRN**







Note: Casino data based on Casino 2020 Resource. See "Notes" in Appendix. Peers' data based on mineral reserve estimates disclosed in such companies' respective corporate websites or technical reports. Mine averages, Mining Intelligence, May 2018









# **CLEAR HISTORY OF DERISKING PROJECT AND ADDING VALUE**

- 2013 Issued Feasibility Study
- 2014 Entered YESAB EA process
- 2016 Elevated to YESAB Panel
- 2017 Government Announces Road Funding
- 2018 Completed Tailings Options Study (BATT)
- 2019 Infill drilling completed
- 2019 Acquired Canadian Creek Property
- 2020 Updated Resource Issued
- 2020 Exploration Program Executed
- 2021 PEA, Feasibility Study Update
- 2021+ Restart EA process

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#### **Developing Canada's Premier Copper-Gold Mine** 13

# MILLING

- Throughput: average LOM 124,000 tonnes per day
- Grinding Circuit: 40 ft SAG Mill (29 MW) + 2 x 28 ft Ball Mills (22 MW each)
- Medium soft ore: BWi 14.1 kWh/t, 200 µm primary grind

# **FLOTATION**

- Conventional copper/moly circuit
- Recoveries: Copper 86%, Gold 67%, Moly 71%, Silver 53%
- Sulfide removal circuit to produce suitable tailings for dam construction

# **HEAP LEACH**

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- Conventional crush/conveyer stack valley fill heap leach
- 25,000 tonnes per day
- SART to remove copper from solution
- Recoveries: Gold 66%, Silver 26%, Copper 18%

\*Note: Based on YESAB project proposal submitted Jan 3, 2014. Other technical data from 2020 Resource. See notes in Appendix.









# **POWER\***

- Power to be supplied by 3 gas turbine driven generators for a combined installed capacity of > 200 MW.
- LNG trucked from Ft. Nelson
- MOU signed with Ferus Natural Gas Fuels Inc. (Ferus) to supply the fuel at Ft. Nelson
- Ferus currently supplying Whitehorse power plant with LNG from their plant in Alberta



# PORT OF SKAGWAY

- Draft MOU developed with Alaska Government (AIDEA) with concept that they would build additional storage capability and lease it to Casino
- Facility currently ships Minto mine's copper concentrate
- Port in the past has shipped ore in similar amounts as anticipated for Casino

\*Note: Based on YESAB project proposal submitted Jan 3, 2014 See notes in Appendix.

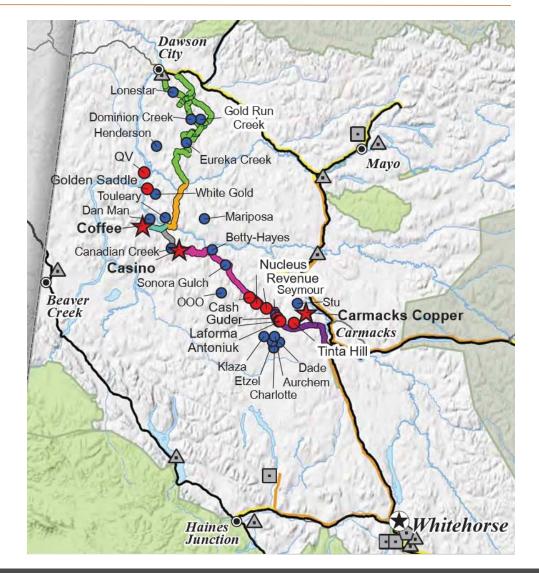
## CASINO ACCESS ROAD FUNDING SECURED





 \$130 million funding committed from Governments for the Casino Access Road

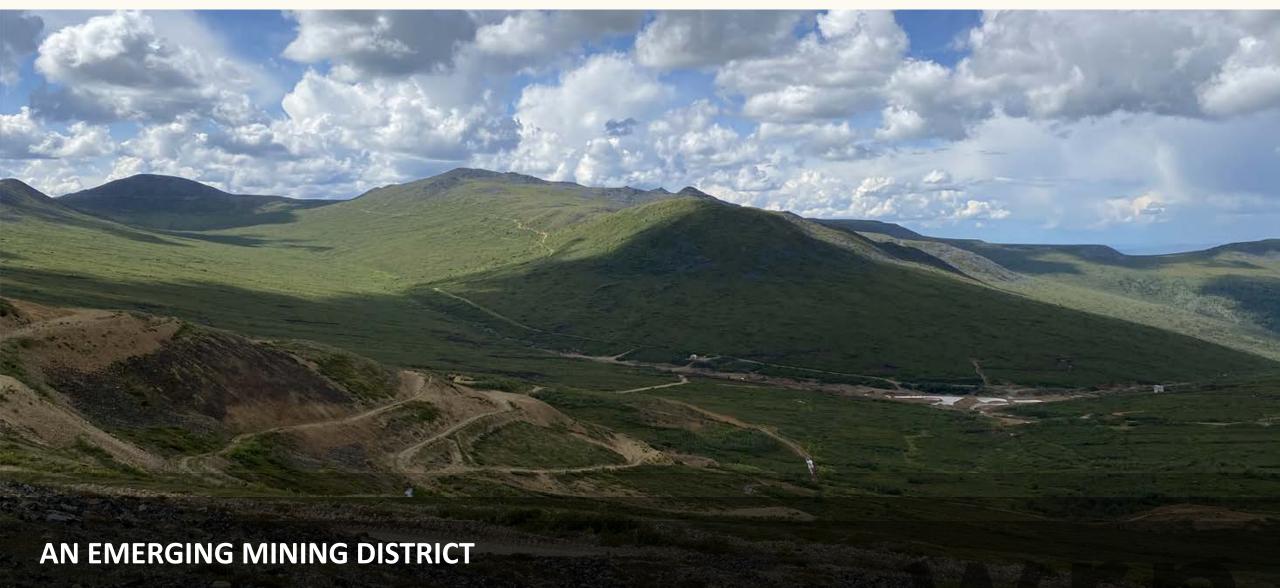
- Initial portion of road through EA process – expect construction this year
- Agreement with FN's on key aspects of remaining road reached.



Canadian Prime Minister Justin Trudeau and Yukon Premier Sandy Silver

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#### **TIER 1 JURISDICTION**

✓ Mining territory in Canada

#### STRONG GOVERNMENT SUPPORT

 Funding for marketing and infrastructure

#### **STRAIGHTFORWARD PERMITTING**

- ✓ Single assessment agency
- Several initiatives underway to streamline processes

## **ACTIVE MINING DISTRICT**

- ✓ 3 mines in production
  - Eagle, Minto, and Keno Hill mines





#### SOCIAL

## Committed to health and safety and committed to the protection of cultural values

- Ongoing Engagement with Local
  Communities and First Nations
- ✓ 14+ Years of Operating Responsibly in the Yukon
- Co-operation Agreements Signed with Key First Nations

## **ENVIRONMENTAL**

Committed to exceeding best practices in protecting the environment

- Accepted the Robert E Leckie Award for outstanding Environmental stewardship
- Committed to MAC's Towards
  Sustainable Mining (TSM) initiative

#### **GOVERNANCE**

Committed to high ethical standards and building long term value

- ✓ Corporate Disclosure Policy
- ✓ Safety, Health & Environmental Policy
- ✓ Whistleblower Policy
- ✓ Insider Trading Policy
- ✓ Covid-19 Policy



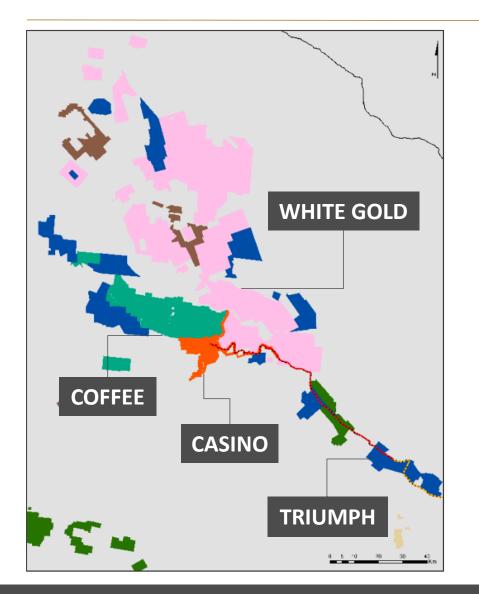


# SUPPORTING

- ✓ Selkirk Spirit Dancers
- ✓ Tantalus Hot Lunch Program
- ✓ Make-A-Wish Yukon
- ✓ Yukon Imagination Library
- Tr'ondëk Hwëch'in First Fish Camp
- ✓ Biennial Moosehide Gathering
- ✓ Pacific Salmon Association
- ✓ More...

#### **KEY ASSET IN AN EMERGING NEW GOLD DISTRICT**





- Major gold miners in area Newmont, Agnico-Eagle, Kinross, and others
- ✓ ~ 30 million ounces of gold in district\*
- Significant exploration upside
- ✓ Government commitment to fund access to area
- 2 Projects in permitting
- Community and First Nation support



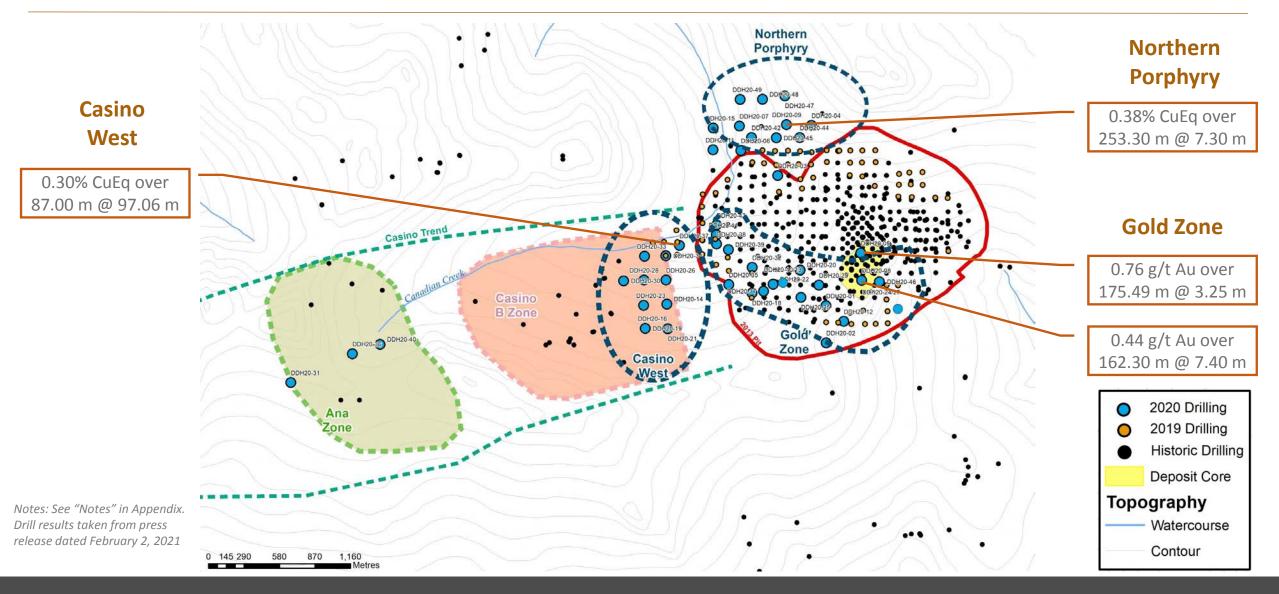
\*Based on Company records. Coffee, Casino, Golden Saddle and Arc and Freegold Mountain deposits.





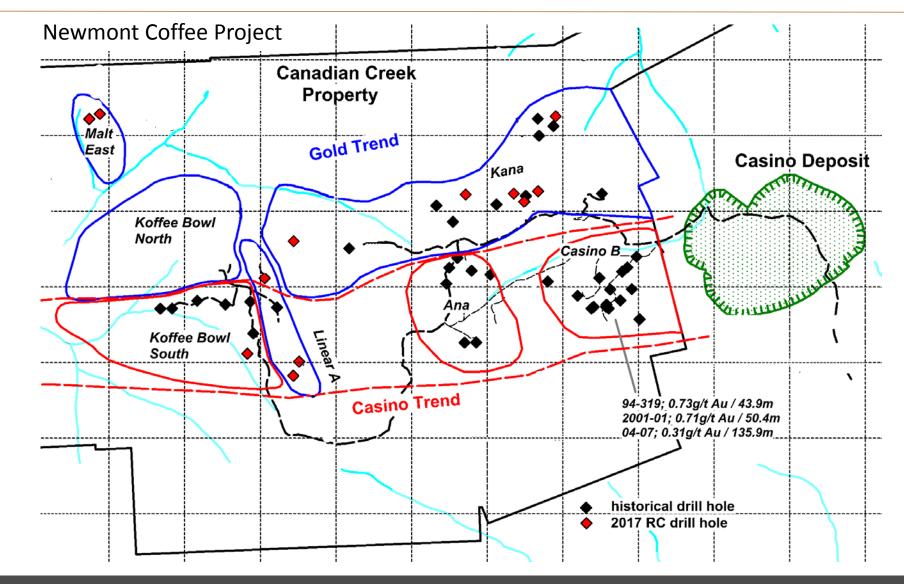
## **2020 DRILL CAMPAIGN HIGHLIGHTS**





### ADDITIONAL EXPLORATION TARGETS

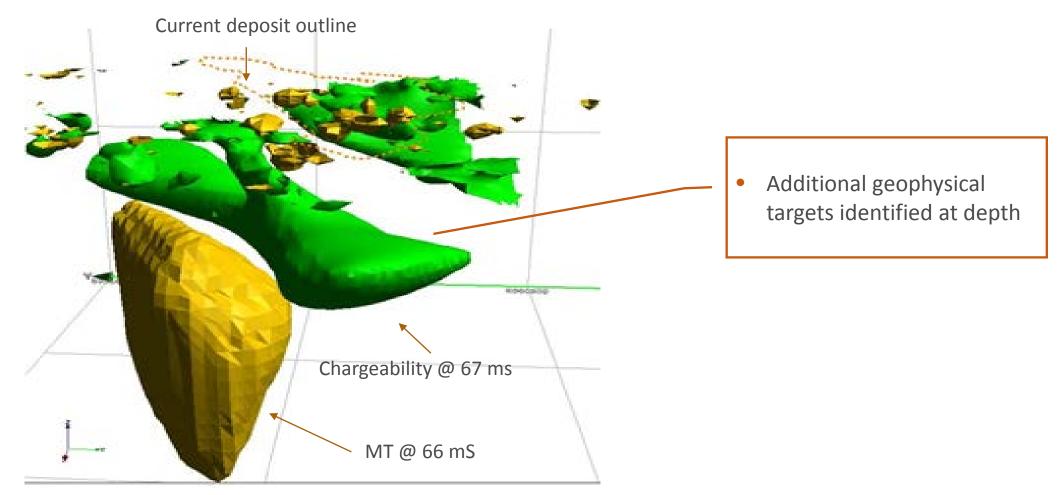




Note: See notes in appendix

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Source: Witherly, Ken, "New Riches from Old Data; a Re-evaluation of Legacy Data from the Casino Deposit, Yukon, AME Roundup, January 25, 2018



## CASINO PROJECT ALREADY TICKS MANY OF THE BOXES:

- ✓ Significant copper *and* gold project
- ✓ Yukon an emerging mining district
- ✓ Clear path to unlock value

## **STEADY PROGRESS:**

- ✓ 2018: Tailings alternatives study completed
- ✓ 2019: Infill drilling campaign completed
- ✓ 2020: Updated resource released
- ✓ 2021 (Q1): Drilling results released

## **UPCOMING CATALYSTS:**

- 2021 (Q2): PEA completed
- 2021/2022: Updated FS/submit EA proposal





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#### **CORMARK SECURITIES**

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#### **ROTH CAPITAL PARTNERS**

Matthew Farwell, CFA Tel: (949) 720-7189

#### H.C. WAINWRIGHT & CO.

Heiko F. Ihle, CFA Tel: (212) 356 - 0510









<b>Dale Corman,</b> B.Sc, P.Eng. Executive Chairman	40 years experience as a senior corporate officer of publicly listed companies. Extensive expertise in mineral exploration & development, financing, property evaluation and acquisition. Formerly Chairman & CEO of Western Silver Corporation.
<b>Tara Christie,</b> B.A.Sc., M.A.Sc., P.Eng Director	President and CEO of Banyan Gold Corp. Ms. Christie serves on the boards of Constantine Metal Resources Ltd and Klondike Gold Corp. and was the President of one the Yukon's largest placer mining operations. Founding board member of YESAB.
<b>Michael Vitton,</b> Director	Mr. Vitton is the former Executive Managing Director, Head, US Equity Sales, Bank of Montreal Capital Markets where he originated and placed more than USD \$200 billion through public and secondary offerings and M&A transactions across all sectors.
<b>Bill Williams,</b> Ph.D., CPG Director	Economic Geologist with 40 years experience related to the exploration & development of mining and oil & gas projects as well as oversight of mining operations. Most recently served as Interim CEO of Detour Gold Corp, and was a Director of Zinc One Resources, with whom he led the team that made the discovery of the Mina Chica zinc-oxide deposit. Previously was CEO of Orvana Minerals Corp and Vice President for Phelps Dodge Exploration.
Ken WIlliamson, B.A.Sc., MBA, P.Eng Director	Former investment banker. Mr. Williamson has served on the boards of Eicon Technology Corporation, Glamis Gold Ltd., BioteQ Environmental Technologies Inc., Uranium One Inc., BlackRock Ventures Inc., Quadra FNX Mining Ltd., Tahoe Resources Inc. and Goldcorp Inc.
<b>Klaus Zeitler,</b> Ph.D. Director	Formerly Senior VP of Teck Cominco and founder and CEO of Inmet Mining Corporation. Currently Executive Chairman of Amerigo Resources Corp., Chairman and Director of Los Andes Copper Ltd., Chairman of Rio2Limited.



#### **COPPER FUNDAMENTALS**

- Key to global decarbonization (EVs, renewables)
  - Globally 20 Mt of copper needed for a 30% EV penetration, over 20 years
  - Plus 5-7 Mt of copper needed for other applications, over 20 years
- Limited copper projects under development
- Inventories at lowest levels in a decade



Global Demand (excluding in EVs, Wind Power and Solar Power) (million tonnes of refined copper)

Source: Jefferies Metals & Mining

35.0

5 million tonne deficit equivalent to annual production of 65 new Casino mines

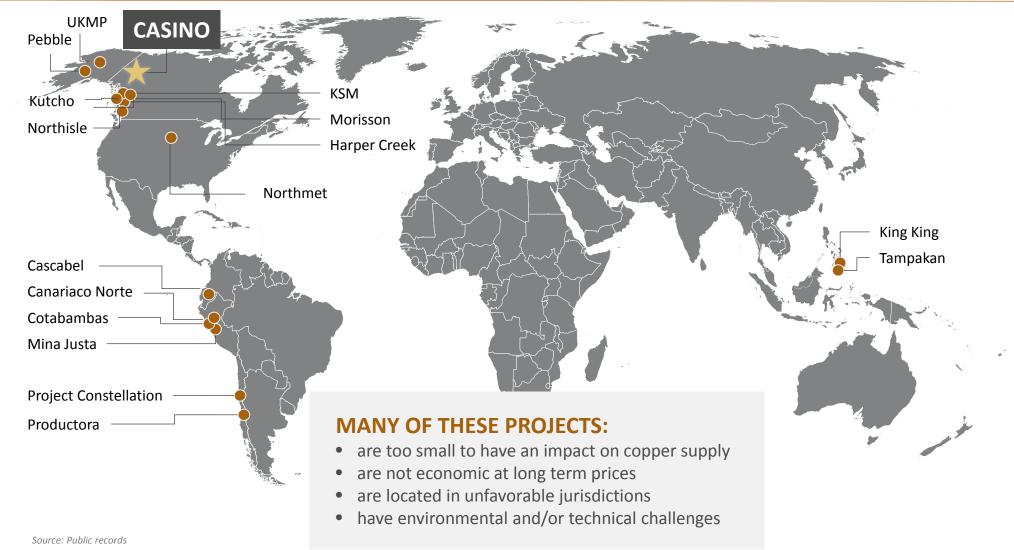
Source: Goldman Sachs

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## **TSX/V JUNIOR CONTROLLED COPPER PROJECTS**





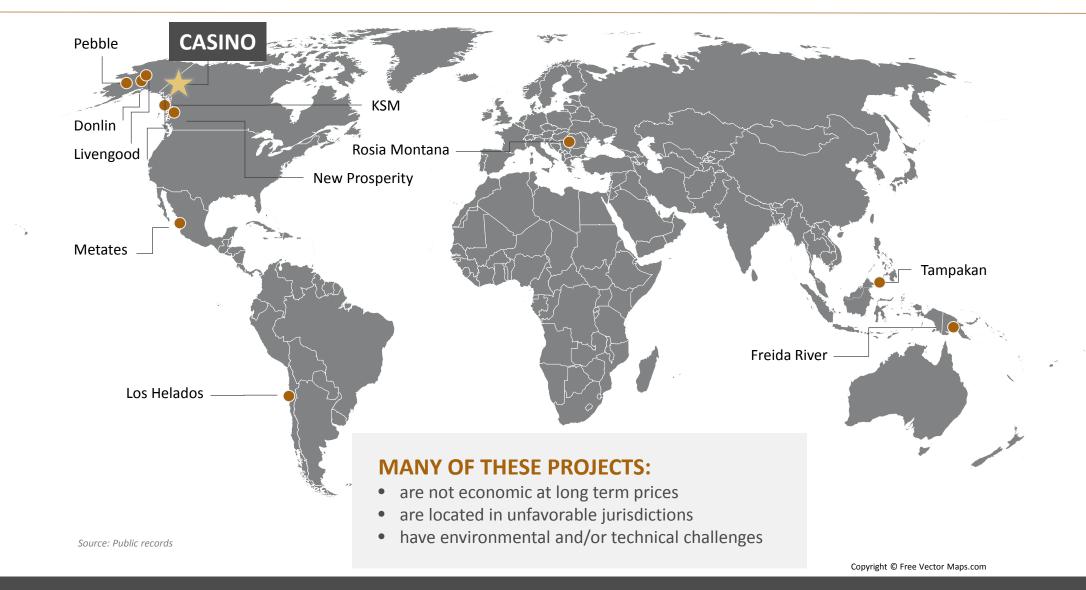
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## **TOP 10 LARGEST TSX/V JUNIOR CONTROLLED GOLD PROJECTS**

**TSX: WRN I NYSE AMERICAN: WRN** 







Key permitting milestone achieved with the completion of Best Available Tailings Technology (BATT) Study. Importantly, First Nation, Territorial and Federal Governments were involved in the study examining every possible scenario for dealing with tailings and mine waste

# **DESIGN ENHANCEMENTS INCLUDE:**

- Significantly reduced water storage during operations and at closure
- ✓ A reduction in the height and slope of the embankment
- Relocation of PAG tailings to the rear of the Facility, confined by waste rock





COPPER CONCENTRATE						
Element	Avg Value	Unit				
Copper	28	%				
Gold	25	g/t				
Silver	120	g/t				
Molybdenum	0.05	%				
Iron	26	%				
Sulphur	36	%				
Arsenic	200	g/t				
Antimony	250	g/t				
Mercury	1	g/t				
Cadmium	40	g/t				
Fluorine	100	g/t				
Silica	2	%				

#### COPPER CONCENTRATE

#### MOLYBDENUM CONCENTRATE

Element	Avg Value	Unit
Molybdenum	57.4	%
Copper	0.39	%
Rhenium	133.5	g/t
Iron	0.8	%
Sulphur	37.9	%
Arsenic	1659	g/t
Antimony	100	g/t
Mercury	<1	g/t
Cadmium	30	g/t
Fluorine	ND	g/t
Silicon	1.74	%

Note: Based on Casino Feasibility Study. See "Notes" in Appendix.

#### YUKON MAP

Alaska

Old Crow

Dawson City

REKA DOME

HERA

SIXTY MILE

GOLD SOURCE TRIDENT LONE STAR

MICHELLE

\*

Eagle Gold MCCONNELL'S

 $\mathbb{R}$ 

Mavo

Mine

#### MINING AND EXPLORATION PROJECTS





nickel +/- PGE

tungsten

- unknown
- Drilling program

RAU TREN

ORION

NADALEEN

TREND

.

Keno Hill Silver District

· KENO-SILVER

BERMINGHAM

indicates drilling program

Northmest Territories

HESS RIVER

#### Exploration projects - deposit type

- mafic/ultramafic associated æ mississippi valley type porphyry/sheeted vein  $\langle \rangle$ sediment associated
  - skarn/replacement
  - vein/breccia

- $\bigvee$ volcanic associated
- $\overrightarrow{\mathbf{x}}$ unknown

#### Expenditures

projects with >\$500,000 in expenditures are large symbols projects with <\$500,000 in expenditures are small symbols

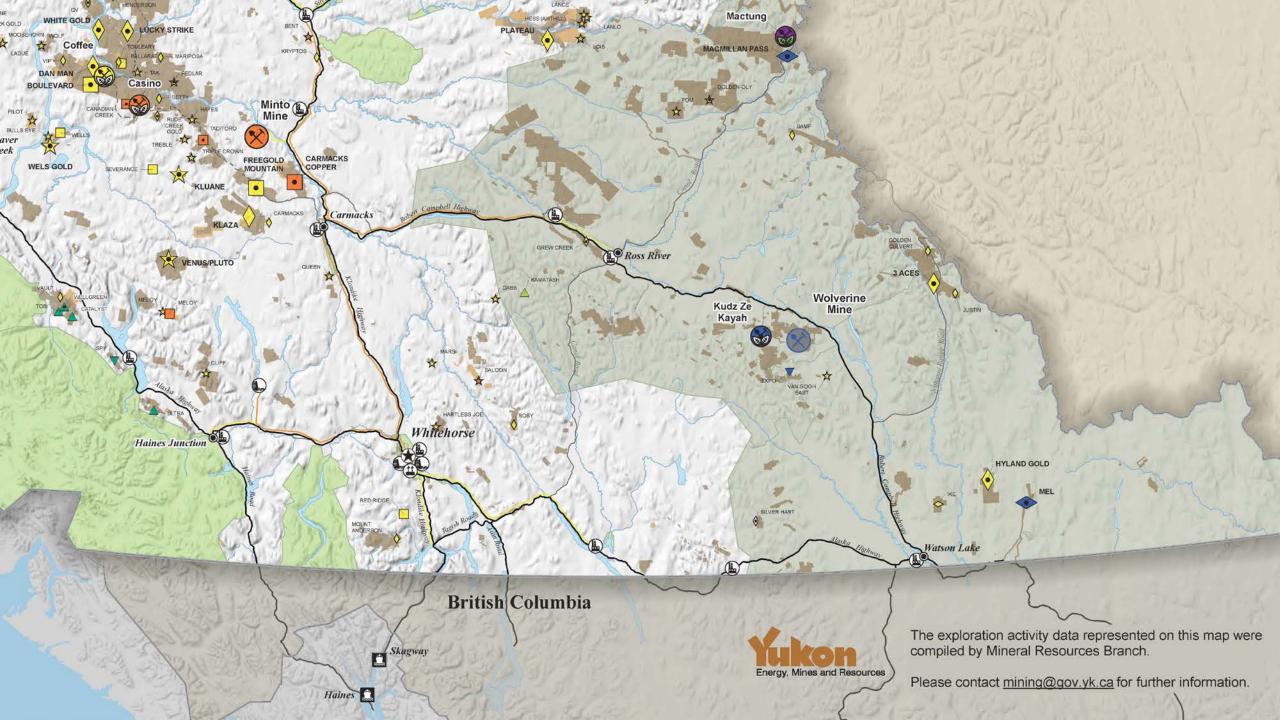
Mining projects - development phase

- planning, design and assessment 8
- assessment complete; may proceed to approvals
- fully permitted; may proceed to construction  $\otimes$
- $(\mathbf{X})$ operation and production
- $\otimes$ temporary closure

MAF	FEATURES		
۲	community	Gene	rating stations
۲	capital city		diesel
	deep water port		hydroelectric
Trans	portation routes		liquified natural gas
	primary highway	Trans	mission line
	secondary highway		< 138 kV
	proposed		138 kV
Parks	and protected areas	Miner	al tenures
	national/territorial park		staked in 2017
	interim staking prohibition		active and pending
211	Start Blander Min		
Ser-	0 100		200

100 Kilometres

January 2018





Class	Tonnes	Copper	Gold	Moly	Silver	CuEq	Copper	Gold	Moly	Silver
Class	М	(%)	(g/t)	(%)	(g/t)	(%)	(M lb)	(M oz)	(M lb)	(M oz)
Measured	145.3	0.31	0.40	0.025	2.1	0.74	986	1.9	80.6	9.8
Indicated	2,028.0	0.14	0.17	0.016	1.4	0.33	6,448	10.9	731.0	90.4
M+I	2,173.3	0.16	0.18	0.017	1.4	0.36	7,434	12.7	811.6	100.2
Inferred	1,430.2	0.10	0.14	0.010	1.2	0.24	3,240	6.4	322.8	53.5

# Mill Resource (\$5.70/t NSR cut-off)

#### Mill Resource (\$16/t NSR cut-off)

Class		Copper	Gold	Moly	Silver	CuEq	Copper	Gold	Moly	Silver
	Mt	(%)	(g/t)	(%)	(g/t)	(%)	( M lb)	(Moz)	(MIb)	(Moz)
Measured	139.3	0.32	0.41	0.026	2.1	0.76	973.4	1.84	80.1	9.54
Indicated	1,182.3	0.19	0.21	0.022	1.7	0.42	4,900.0	7.79	583.8	64.24
M+I	1,321.5	0.20	0.23	0.023	1.7	0.46	5,873.4	9.63	664.0	73.78
Inferred	390.0	0.19	0.21	0.021	1.6	0.42	1,625.0	2.58	180.6	20.56

Source: 2020 Resource. Please see notes in Appendix.





Heap Leach Resource	(\$5.46/t NSR cut-off)
---------------------	------------------------

Class	Tonnes M	Copper (%)	Gold (g/t)	Silver (g/t)	AuEq (g/t)	Copper (M lb)	Gold (M oz)	Silver (M oz)
Measured	37.2	0.05	0.45	2.8	0.48	39.3	0.5	3.3
Indicated	180.2	0.03	0.21	1.7	0.23	127.2	1.2	10.0
M+I	217.4	0.03	0.25	1.9	0.27	166.5	1.8	13.3
Inferred	31.1	0.03	0.17	1.7	0.18	17.2	0.2	1.7

## Total Resource (Mill + Heap Leach)

Class	Tonnes M	Copper (%)	Gold (g/t)	Silver (g/t)	Copper (M lb)	Gold (M oz)	Silver (M oz)
Measured	182.4	0.25	0.41	2.2	1,025	2.4	13.1
Indicated	2,208.3	0.14	0.17	1.4	6,576	12.1	100.5
M+I	2,390.7	0.14	0.19	1.5	7,601	14.5	113.5
Inferred	1,461.3	0.10	0.14	1.2	3,258	6.6	55.2

Source: 2020 Resource. Please see notes in Appendix.



#### "2020 Resource":

- Technical report entitled "Casino Project, Form 43-101F1 Technical Report Mineral Resource Statement, Yukon, Canada" dated July 3, 2020, a copy of which is available on the Company's website at <u>www.westerncopperandgold.com</u>.
- Prepared by Daniel Roth, P.E., P. Eng., Mike Hester, F Aus IMM, Laurie M. Tahija, MMSA-QP, Carl Schulze, P. Geo., Caroline J. Vallat, P. Geo.; each of whom is a qualified person pursuant to National Instrument 43-101 ("Qualified Person")
- The Mineral Resources have an effective date of 3 July 2020 and the estimate was prepared using the definitions in CIM Definition Standards (10 May 2014).
- All figures are rounded to reflect the relative accuracy of the estimate and therefore numbers may not appear to add precisely.
- Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.
- Mineral Resources for leach material are based on prices of US\$2.75/lb copper, US\$1500/oz gold and US\$18/oz silver
- Mineral Resources for mill material are based on prices of US\$2.75/lb copper, US\$1500/oz gold, US\$18/oz silver, and US\$11.00/lb moly.
- Mineral Resources are based on NSR cut-off of C\$5.46/t for leach material and C\$5.70/t for mill material.
- NSR value for leach material is as follows:
- NSR  $(C^{t}) = $12.65 \times copper(\%) + $41.55 \times gold(g/t) + $0.191 \times silver(g/t), based on copper recovery of 18\%, gold recovery of 66\% and silver recovery of 26\%.$
- NSR value for hypogene sulphide mill material is:
- NSR (C\$/t) = \$60.18 x copper (%) + \$41.01 x gold (g/t) + \$214.94 x moly (%) + 0.355 x silver (g/t), based on recoveries of 92.2% copper, 66% gold, 50% silver and 78.6% moly.
- NSR value for supergene mill material is:
- NSR (C\$/t) = \$65.27 x recoverable copper (%) + \$42.87 x gold (g/t) + \$142.89 x moly (%) + 0.425 x silver (g/t), based on recoveries of 69% gold, 60% silver and 52.3% moly. Recoverable copper = 0.94 x (total copper soluble copper).
- Mineral Resources are reported in relation to a conceptual constraining pit shell in order to demonstrate reasonable prospects for eventual economic extraction, as required by the definition of Mineral Resource in NI 43-101; mineralization lying outside of the pit shell is excluded from the Mineral Resource.
- AuEq and CuEq values are based on prices of US\$2.75/lb copper, US\$1500/oz gold, US\$18/oz silver, and US\$11.00/lb moly, and account for all metal recoveries and smelting/refining charges.

#### Other technical information in this presentation is based on the following key assumptions:

• Copper equivalent calculations in this presentation are based on: US\$2.75/lb copper; US\$1500/oz gold; US\$11/lb molybdenum; and US\$18/oz silver, US\$0.85/lb zinc, US\$4.00/lb antimony, US\$0.80/lb lead.





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