



# NORTHISLE

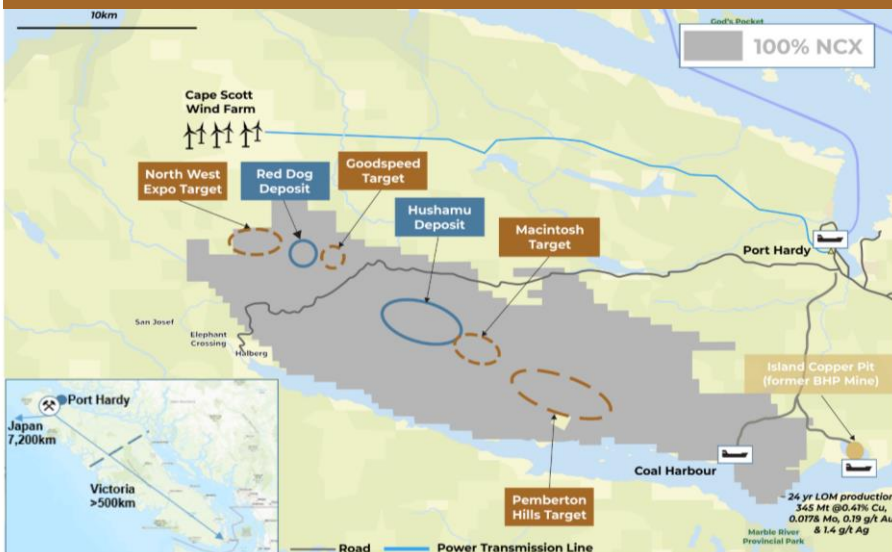
## COPPER AND GOLD INC.

**ADVANCING THE Cu/Au NORTH ISLAND PROJECT: THE LEADING SUSTAINABLE RESOURCE OPPORTUNITY**

### ABOUT NORTHISLE

Based in Vancouver, BC, Northisle Copper and Gold currently owns one of the most promising copper gold porphyry projects in Canada. Located on northern Vancouver Island, the North Island Project's access to pre-existing infrastructure in a mining-friendly community makes it one of the developable copper projects in the world.

### THE NORTH ISLAND PROJECT



### INVESTOR TAKEAWAYS

Developable Cu/Au project in a tier 1 jurisdiction

Robust Preliminary Economic Assessment

Rapid and sustainable Development

Exceptional Leadership

District scale exploration

### CONTACT US

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### LATEST NEWS

**August 5, 2022-** Northisle Intersects 0.72% Cu Eq. Over 50m, 0.47% Cu Eq. Over 101m; Drilling Extends Mineralization More Than 200m Beyond The Modelled Pit Shell

**June 23, 2022 -** Northisle Announces Closing Of Non-brokered Private Placement

**March 31, 2022-** Northisle Intersects 0.81% Cu Eq. Over 63m And 0.67% Cu Eq. Over 147m At Hushamu; Gold-rich Zone At Northwest Expo Extended

**KEY HIGHLIGHTS**

**2021 PEA Highlights a Robust Cu-Au Project**

- ▶ **Superior economics with significant exposure to Cu, Au, Mo + Re**
  - Long mine life of 22 years with average annual production of 156mlbs CuEq. over the LOM, approach to development focused on sustainability at the forefront
  - Attractive economics with C\$1.1 billion After-tax NPV (8%) and 19% After-tax IRR; short payback of 3.9 years, at \$3.25/lb copper and \$1650/oz gold

**Exceptional Leadership**

- ▶ **Seasoned leadership team with an exceptional track record**
  - Over 200 years of major mine finance, development, and exploration globally

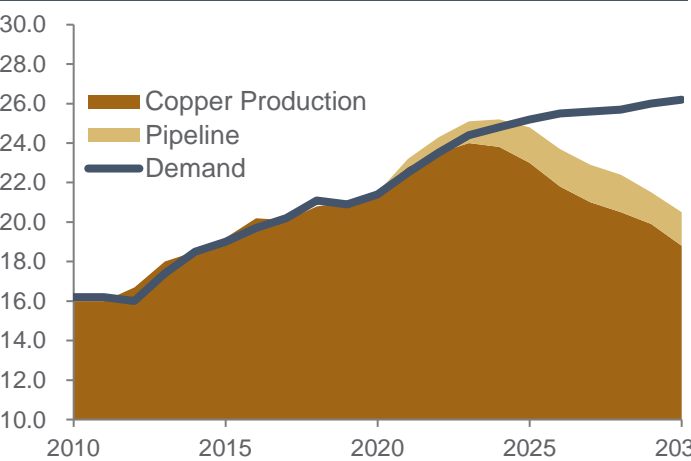
**Premier Mining Jurisdiction**

- ▶ **British Columbia ranks within the top quartile of the best mining jurisdictions in the world**
  - Collaborative Approach to consultation with First Nations and local communities
  - Leveraging brownfield infrastructure from neighbouring BHP Island Copper Mine
  - Renewable BC power contributes to lower carbon emissions

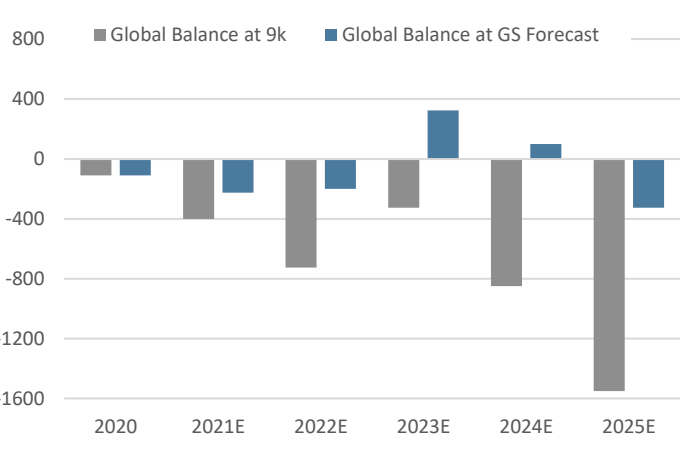
**Exploration Upside**

- ▶ **District play with over 50 km of strike and numerous exploration targets including:**
  - Pemberton Hills, Macintosh, NW Expo and Goodspeed
  - **NW Expo drilling identified gold-enriched copper porphyry** which supports the overall exploration thesis at North Island

**GLOBAL COPPER SUPPLY/DEMAND (mt)<sup>1</sup>**



**COPPER INVENTORY FORECASTS (000 tonnes)<sup>2</sup>**



**THE WORLD NEEDS MORE COPPER**

- Market analysts forecast a supply gap ranging from approximately 7 million tonnes to greater than 8 million tonnes by 2030<sup>1</sup>
- The market is running out of time to secure the necessary supply to meet forecast demand later in the decade; global EV penetration will boost copper consumption; copper is a crucial metal in developing electric vehicles and ancillary infrastructure
- The Canadian government has earmarked C\$3.8 billion in potential government funding to develop critical minerals; Copper and Molybdenum are critical minerals

1. Source: Wood Mackenzie. Goldman Sachs forecasts a copper market deficit of 8.2 million tonnes by 2030

2. Source: Wood Mackenzie and Goldman Sachs estimates (assumes US\$9000/t copper price through 2025)

## EXPLORATION HIGHLIGHTS

### NORTH ISLAND PROJECT RESOURCE<sup>1,2</sup>

Category	Tonnage	Grade				
		M	% CuEq	Cu, %	Au, g/t	Mo, %
Indicated	527	0.41	0.20	0.24	0.008	0.31
Inferred	417	0.31	0.15	0.18	0.006	0.29

### IN COPPER EQUIVALENT<sup>1,2</sup>

#### INDICAED

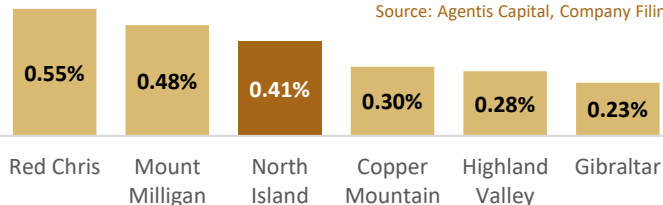
4.7 billion lbs

#### INFERRED

2.8 billion pounds

### M&I RESOURCE GRADES OF BC MINES<sup>1</sup>

Source: Agentis Capital, Company Filings



### IN GOLD EQUIVALENT<sup>1,2</sup>

#### INDICAED

9.3 million oz

#### INFERRED

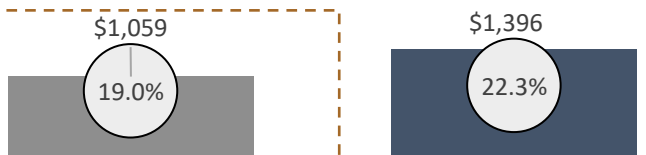
5.6 million oz

## 2021 PEA HIGHLIGHTS<sup>2,3</sup>

<b>NPV</b>	After-tax C\$1.1bn NPV <sub>8%</sub> (C\$1.7bn NPV <sub>5%</sub> )	<b>Annual Production</b>	First 6 years: 112mlb Cu; 112koz Au; 2.7mlb Mo; LOM: 96mlb Cu; 100koz Au; 3.0mlb Mo
<b>IRR</b>	After-tax 19.0% IRR	<b>Recoveries</b>	86.4% Cu; 46.8% Au; 59.5% Mo
<b>Payback</b>	3.9 years	<b>AISC</b>	First 6 years: C\$0.77/lb Cu & C\$2.01/lb Cu Eq LOM: C\$0.90/lb Cu & C\$2.14/lb Cu Eq
<b>Free Cash Flow</b>	First 6 years avg: C\$321m after-tax LOM avg: C\$224m after-tax	<b>Strip Ratio</b>	0.71
<b>Initial Capital</b>	C\$1.4bn over a 2 year construction period	<b>Mine Life</b>	22 years at 75,000 tpd

The Preliminary Economic Assessment ("PEA") is preliminary in nature and includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would allow them to be categorized as mineral reserves and there is no certainty that the preliminary economic assessment will be realized.

**After-tax Economics** ■ NPV (C\$m, 8%) ○ IRR



Metal Price Scenario	2021 PEA Base Case <sup>2</sup>	2021 PEA Spot Feb 2, 2021 <sup>4</sup>
NPV <sub>5%</sub>	C\$1,683m	C\$2,116m
NPV <sub>8%</sub>	C\$1,059m	C\$1,396m
IRR	19.0%	22.3%
Payback	3.9 years	3.5 years
AISC (byproduct)	C\$0.90/lb Cu	C\$0.69/lb Cu
Capital Cost	C\$1.4Bn	
Sustaining Capital	C\$197m	

- Open pit resources only; Cu Eq uses North Island PEA commodity prices and 100% metal recoveries. \$US20/oz assumed for silver
- PEA, Cu & Au Eq calculated using US\$3.25/lb Cu, US\$1650/oz Au, US\$10.00/lb Mo, and US\$1,256/kg Re and not adjusted for mining and metallurgical recoveries as these remain uncertain
- The 2021 PEA report detailing the disclosures in this presentation was filed on March 22, 2021 and is available on the Company's website and on SEDAR.
- Spot Prices as of February 2, 2021: US\$3.51/lb Cu, US\$1835.60/oz Au, US\$10.03/lb Mo and US\$1,256/kg Re

## PROJECT HIGHLIGHTS



HUSHAMU

- Hushamu deposit remains open in multiple directions; 2021 drilling targeted in-fill to the southwest; results from pending holes anticipated during Q2 2022
- All 2021 holes intercepted above-average grade in the Hushamu pit including 147m @ 0.67% Cu Eq. (Hu21-01) and 63m @ 0.81% Cu Eq (Hu21-04)
- 2021 drilling has the potential to increase grade and tonnage in future resource estimates
- A portion of recent financing will continue to advance in-fill program at Hushamu with a focus on under-drilled western portion of the PEA pit shell

- NW21-03 intersected 84.8m grading 1.20 g/t Au Eq. including 25m grading 1.46g/t Au Eq.; NW21-04 intersected up to 0.5 g/t Au Eq 150m to the east
- Drilling confirms a trend of gold-rich copper porphyry mineralization covering more than 500 meters strike length by 360 meters dip length with an average width of 86 meters and open in multiple directions
- Grades in the gold-rich zone at Northwest Expo in the range of three to five times higher than those at Hushamu and Red Dog



NW EXPO



PEMBERTON HILLS

- 6.5km x 1.5km area of high-level advanced argillic alteration and silica cap comprised variably of kaolinite, dickite, smectite, pyrite and silica typically found above buried porphyry systems
- Large IP target subject of various exploration programs by Northisle since 2017, including four 2021 holes which tested lithocap with approximately 1,000m drill holes; regional structural geology, combined with clay vectoring, pyrite abundance from 2021 drilling, IP and surface sampling indicate system is NE of area drilled to date
- Proposed 2022 program at Pemberton to include ground IP and drilling

## CAPITAL MARKETS PROFILE

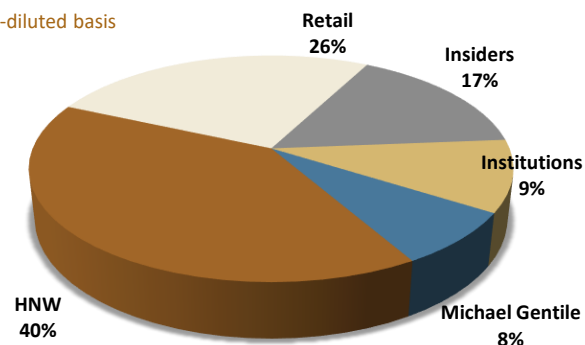
### CAPITAL STRUCTURE

Shares Outstanding	199.2 million <sup>1</sup>
Market Capitalization (C\$0.205–August 11, 2022)	C\$41 million
Options (C\$0.07 – C\$0.34)	12,497,333
Warrants (C\$0.28)	5,048,000
Fully Diluted	217.9 million
Cash (March 31, 2022)	C\$11.1 million <sup>1</sup>
Debt	Nil

### ANALYST COVERAGE

### SHAREHOLDER DISTRIBUTION

\* Fully-diluted basis



C\$55M  
Market Cap.

21%  
Insider Owned\*

C\$11.2M  
Cash Balance

1. Reflective C\$7.0m non-brokered private placement closed 06/23 (net of finders fee's).

Please note: The 2021 PEA report detailing the disclosures in this factsheet was re-filed on June 8, 2022, and is available on the Company's website and on SEDAR.