

# Developing U.S. Domestic Sources of Copper

CORPORATE PRESENTATION September 2022

### **CAUTIONARY STATEMENT**



Some of the statements in this presentation, other than statements of historical fact, are "forward-looking statements" and are based on the opinions and estimates of management as of the date such statements are made and are necessarily based on estimates and assumptions that are inherently subject to known and unknown risks, uncertainties and other factors that may cause actual results, level of activity, performance or achievements of Faraday Copper Corp. ("Faraday Copper") to be materially different from those expressed or implied by such forward-looking statements. Such forward-looking statements and forward-looking information specifically include, but are not limited to, Faraday Copper's intention to list on the TSX, statements concerning the exploration prospects and projected resources of the properties of Faraday Copper, future capitalization and market capitalization of Faraday Copper, the successful acquisition of additional copper projects, development of, optimization of, and future expansion drilling on the Copper Creek and Contact Copper projects. Although Faraday Copper believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements should not be in anyway construed as guarantees of future performance and actual results or developments may differ materially. Accordingly, readers should not place undue reliance on forward-looking statements or information.

Factors that could cause actual results to differ materially from those in forward-looking statements include without limitation: failure to obtain regulatory or shareholder approval, market prices for metals; the conclusions of detailed feasibility and technical analyses; lower than expected grades and quantities of resources; mining rates and recovery rates; significant capital requirements; price volatility in the spot and forward markets for commodities; fluctuations in rates of exchange; taxation; controls, regulations and political or economic developments in the countries in which Faraday Copper does or may carry on business; the speculative nature of mineral exploration and development, competition; loss of key employees; rising costs of labour, supplies, fuel and equipment; actual results of current exploration or reclamation activities; accidents; labour disputes; defective title to mineral claims or property or contests over claims to mineral properties; unexpected delays and costs inherent to consulting and accommodating rights of First Nations and other Aboriginal groups; risks, uncertainties and unanticipated delays associated with obtaining and maintaining necessary licenses, permits and authorizations and complying with permitting requirements, including those associated with the Contact Copper and Copper Creek properties; and uncertainties with respect to any future acquisitions by Faraday Copper. In addition, there are risks and hazards associated with the business of mineral exploration, development and mining, including environmental events and hazards, industrial accidents, unusual or unexpected formations, pressures, cave-ins, flooding and the risk of inadequate insurance or inability to obtain insurance to cover these risks as well as "Risk Factors" included in Faraday Copper's disclosure documents filed on and available at www.sedar.com.

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All of the forward-looking statements contained in this presentation are qualified by these cautionary statements. Faraday Copper does not intend, and does not assume any obligation, to update these forward-looking statements, except as required under applicable securities legislation. For more information on Faraday Copper, readers should refer to www.sedar.com for the Faraday Copper's filings with the Canadian securities regulatory authorities.

Technical information in this presentation has been reviewed and approved by Thomas Bissig, Professional Geologist, VP Exploration and Zach Allwright, Professional Engineer, VP Projects and Evaluations, both a "Qualified Person" as defined under National Instrument 43-101 - Standards of Disclosure for Mineral Projects ("NI 43-101").

All amounts are in Canadian dollars unless otherwise stated.

## WHY INVEST IN FARADAY COPPER?



### **Building a Premier North American Copper Exploration and Development Company**

### ASSETS

- Copper Creek, AZ: one of the largest undeveloped copper projects in North America with over 3.9 Blbs of copper M&I Mineral Resources, and potential for a 30+ year mine life
- Contact Copper, NV: low-cost open pit heap leach SX/EW oxide project
- Scarcity of development-ready copper assets provides compelling investment opportunity

### CAPITAL

- Completed upsized equity offering of C\$20 M in May 2022
- Well financed to advance and de-risk two copper projects
- Supported by strategic investors, including the Lundin family, Murray Edwards, and Pierre Lassonde

### CATALYSTS

- Phase I drill program results (Q4 2022)
- TSX listing application (Q3 2022)
- Commence Phase II drill program at Copper Creek (Q4 2022)
- PEA for Copper Creek (Q2 2023)
- Geological model and exploration at Contact Copper in progress

Notes: The Mineral Resource Estimate for the Copper Creek project was published in a news release dated July 6, 2022 and a technical report dated August 18, 2022. For the complete Mineral Resource Estimate ("MRE") tables and related notes refer to the relevant slides at the end of this presentation.

## **BRINGING A SENIOR MINING COMPANY EXPERTISE**

#### MANAGEMENT





Chief Financial Officer

**Financial Expertise** 

**Paul Harbidge** President, CEO & Director

**Technical & Exploration** Expertise

#### **BOARD OF DIRECTORS**



**Russell Ball** 

Chair & Independent Director

Capital Markets & **Financial Expertise** 



**Paul Harbidge** President, CEO & Director Independent Director

**Technical & Exploration** Expertise



**Dr. Thomas Bissig VP** Exploration

Exploration

**Alan Wilson** 

Exploration

Expertise



Zach Allwright **VP** Projects &

**Technical Expertise** 

**Katherine Arnold** 

Independent Director

Sustainability &

Permitting Expertise



**Aaron Cohn** 

VP & Country Manager, USA

**Operations Expertise** 



Angela Johnson **VP** Corp Development & Sustainability

Exploration & Sustainability Expertise



**Stacey Pavlova VP Investor Relations** 

Financial & IR Expertise

**Audra Walsh** Independent Director

**Technical & Operations Expertise** 



**Randy Engel** Independent Director

Strategic Expertise



**Robert Doyle** Independent Director

Capital Markets & **Financial Expertise** 

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Expertise

**Evaluations** 

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**Analyst Coverage** 44.4% **PI Financial Connor Mackay Other Shareholders** 

**Well-positioned for Success** C\$57.6 M

C\$17.0 M Cash & Equivalents

(June 30, 2022)

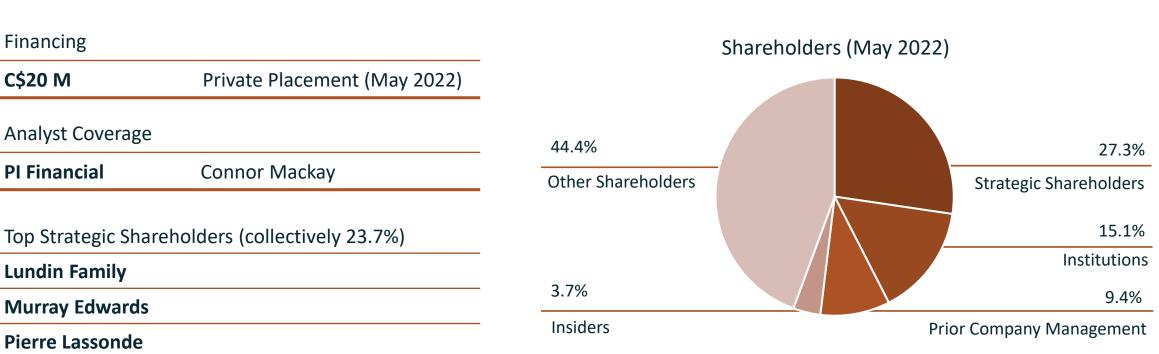
Market Capitalization 123.0 M Shares Outstanding

15.0 M Options

12.5 M Warrants

1.7 M Restricted Share Unites





Notes: Market Capitalization, Shares Outstanding, Options, Warrants and Restricted Share Units are as of September 7, 2022.



## **ESG FRAMEWORK**

### Bringing a Senior Company Approach to ESG





### **TECHNICAL EXCELLENCE**

Utilizing empirical evidence to support technical decisions

- MRE underpinned by a geological model
- Empirical data enables practical mine planning paired with a minimal impact philosophy

### **GOOD GOVERNANCE**



Conduct business with integrity, transparency and fairness

- Implemented strong governance policies
- Board oversight with senior-mining-company experience

### **HEALTH & SAFETY**

Instill a zero-harm work environment

- Continually seek opportunities to improve performance
- Site-specific induction, training and tools



A responsible steward of the natural environment

- On-going baseline and monitoring programs, U.S. waterways mapping, weather station installation
- Evaluating clean energy alternatives for power supply

### **COMMUNITY ENGAGEMENT**



Commitment to open dialogue and support for the local economy and social programs

- Stakeholder mapping and respectful engagement
- Donated to local schools and community groups





Respectful, ethical, diverse, inclusive, engaging and rewarding workplace

 Collaborative environment with proper tools and training to ensure success and professional development

## **PROJECT TIMELINE & MILESTONES**



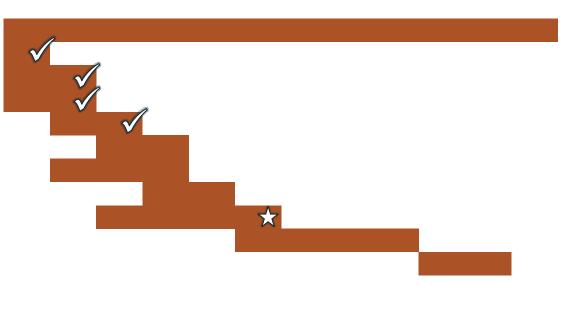
2022			2023				2024				
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4

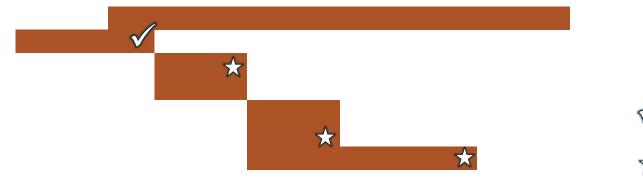
#### Copper Creek, Arizona

- Environmental data gathering
- Strategic review of existing data
- Phase 1 diamond drilling
- Geological model developed
- Updated mineral resource estimate
- Metallurgical test work
- Geotechnical studies
- Phase 2 diamond drilling 43-101 Technical Study (PEA) Exploration decline permitting
- Design PFS scope

#### Contact Copper, Nevada

Environmental data gathering Strategic review of existing data Geological model updated Metallurgical test work review Phase 1 drilling Updated mineral resource estimate 43-101 Technical Study





Milestone

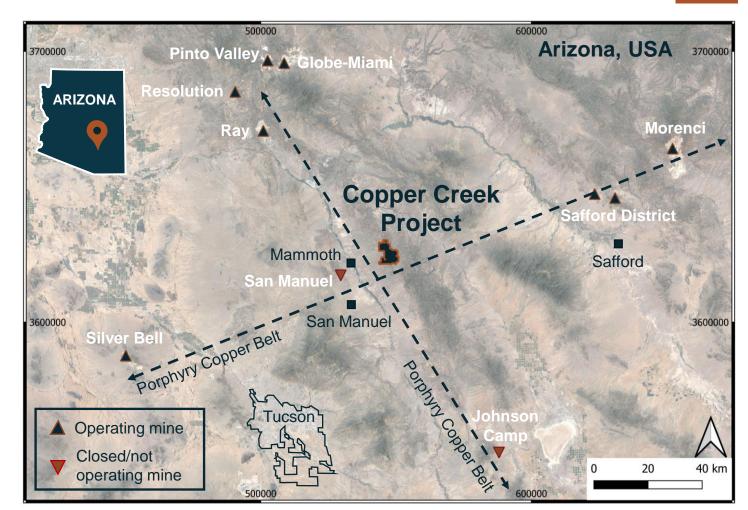
Achieved

#### Upcoming Milestone

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### **COPPER CREEK: TOP MINING JURISDICTION**

- 100% owned property in Pinal County, Arizona — a top ranked mining jurisdiction in the world
- Near mining and service hubs: ~120 road km northeast of Tucson ~25 road km northeast of San Manuel
- Two smelters in the region: Hayden (Ray) & Miami (Freeport)
- Excellent infrastructure with access to rail, power, water and skilled labour
- Easily accessible by paved highways and gravel roads



**MAJOR NORTHWEST AND EAST-NORTHEAST PORPHYRY** 

**COPPER BELT INTERSECTION** 

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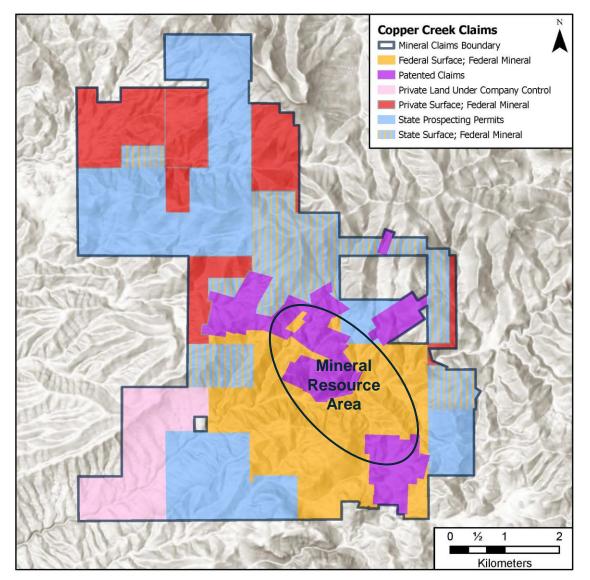
## **COPPER CREEK: PROPERTY PACKAGE**



- ~41 km<sup>2</sup> property package
- Contiguous group of patented and unpatented
  Federal claims and Arizona prospecting permits

Within the mineral claims boundary there is:

- No urbanization or residential footprint
- No protected national forest
- No protected aquifers
- No protected species

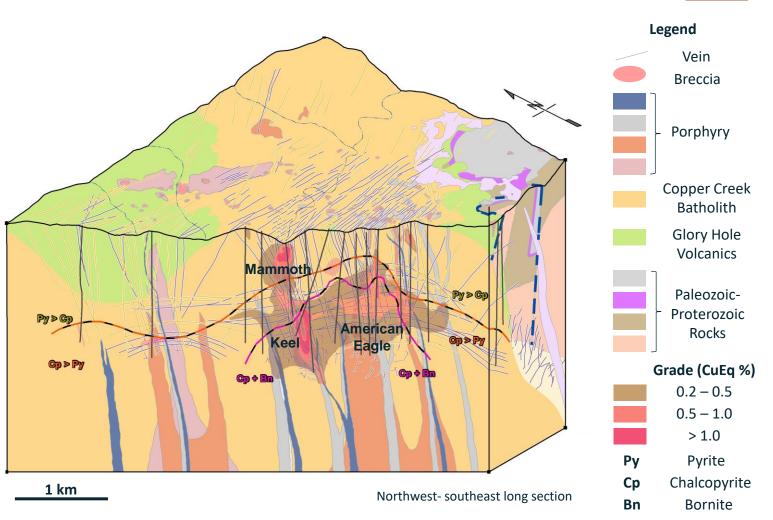


#### Notes: Refer to news release dated May 12, 2022 for additional details on the geological model.

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## **COPPER CREEK: GEOLOGICAL MODEL**

- Mineralization centred on Copper Creek batholith (Laramide age)
- Emplaced into Precambrian and Paleozoic sediments and Paleocene Glory Hole Volcanics
- The district is marked by over 400 breccias, concentrated in two NW trending belts
- Two styles of mineralization: "Early Halo" vein style porphyry & breccia style mineralization
- Porphyry mineralization is zoned with depth: pyrite-dominant mineralization near surface transitioning into chalcopyrite-dominant mineralization with increasing bornite at depth





## **COPPER CREEK: MINERAL RESOURCES (July 2022)**



### 83% of Combined Open Pit and Underground MRE is in the M&I Category

#### Metallurgy

- 18 composites tested for metallurgical recoveries
- 92% metal (Cu) recoveries in the sulphides, which represent 92% of total MRE tonnes
- 32% to 62% copper concentrate grade range
- Clean concentrate, no meaningful deleterious elements
- Waste rock returns low acid generation potential

Category	Tonnes	Cu	Мо	Ag	CuEq	Cu	Мо	Ag	CuEq
Category	(Mt)	(%)	(%)	(ppm)	(%)	(Mlbs)	(MIbs)	(Moz)	(MIbs)
		(	Open Pit	t NI 43-	101 MI	RE			
M&I	84.6	0.55	0.009	1.3	0.58	1,030.6	16.0	3.6	1,082.5
Inferred	29.3	0.35	0.004	0.8	0.36	224.6	2.9	0.8	233.0
		Un	dergrou	und NI 4	3-101	MRE			
M&I	270.5	0.48	0.008	1.3	0.51	2,876.5	46.9	11.0	3,043.8
Inferred	45.6	0.41	0.009	0.9	0.44	410.3	9.2	1.3	440.5
Combined NI 43-101 MRE									
M&I	355.1	0.50	0.008	1.3	0.53	3,907.1	62.9	14.5	4,126.3
Inferred	75.0	0.38	0.007	0.8	0.41	634.9	12.0	2.0	673.5

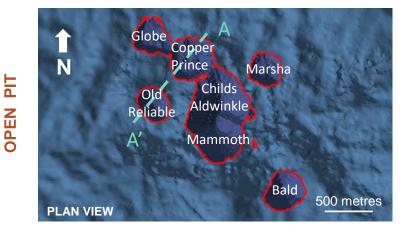
Notes: Totals may not add due to rounding. The MRE for the Copper Creek project was published in a news release dated July 6, 2022. For the complete MRE tables and related notes refer to the relevant slides at the end of this presentation. A technical report titled "NI 43-101 Technical Report Mineral Resource Estimate Copper Creek Project, Arizona" has been filed under the company's profile on sedar.com and is available on our website www.faradaycopper.com.

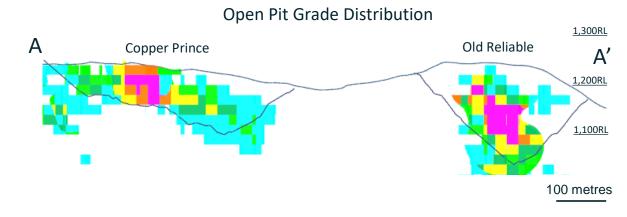
Pit shell constrained resources with Reasonable prospects for eventual economic extraction ("RPEEE") are stated as contained within estimation domains above 0.23% CuEq cut-off grade. Pit shells are based on an assumed copper price of US\$3.80/lb, assumed molybdenum price of US\$13.00/lb, assumed silver price of US\$2.25/tonne ("t"), processing cost of US\$7.95/t, General & Administrative ("G&A") costs of US\$1.25/t, and TCRC and Freight costs of US\$6.50/t.

Underground constrained resources with RPEEE are stated as contained within estimation domains above 0.31% CuEq cut-off grade. Underground bulk mining footprints are based on an assumed copper price of US\$3.80/lb, assumed molybdenum price of US\$1.300/lb, assumed silver price of US\$2.00/oz, underground mining cost of US\$9.25/t, processing cost of US\$7.00/t, G&A costs of US\$1.25/t, and TCRC and Freight costs of US\$6.50/t.

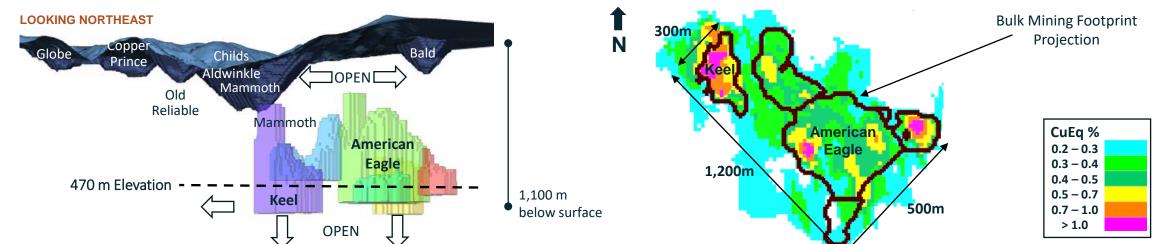
## **COPPER CREEK: SIGNIFICANT SCALE POTENTIAL**

### **Open Pit and Bulk Underground Extraction Potential**





#### Underground Grade Distribution (at 470 m Elevation)



Note: The images above reflect conceptual pit shells at 0.23% CuEq cut-off grade and underground footprints at 0.31% CuEq cut-off grade, which were utilized as the resource constraining volumes in the July 2022 MRE disclosed in a news release dated July 6, 2022 and filed on SEDAR and the Company's website. The potential grade and scale of the open pit and underground inventory is conceptual in nature. There has been insufficient technical analysis to define it as economically viable inventory or mineable reserve.

## **COPPER CREEK: GRADE-TONNAGE SENSITIVITY**

### **Offers Optionality for Higher-Grade or Larger-Tonnage Operation**

	Meas	ured and Indicated	k	Inferred				
Cut-off Grade (CuEq %)	Tonnes (Mt)	CuEq Grade (CuEq %)	Contained Metal (CuEq Mlb)	Tonnes (Mt)	CuEq Grade (CuEq %)	Contained Metal (CuEq Mlb)		
0.10	153.0	0.39	1,315.7	60.8	0.25	332.9		
0.20	94.1	0.54	1,127.6	32.9	0.34	249.8		
0.23	84.6	0.58	1,082.5	29.3	0.36	233.0		
0.30	63.4	0.69	958.7	14.5	0.46	146.7		
0.40	44.3	0.83	813.3	6.9	0.59	89.7		
0.50	32.6	0.97	697.5	3.4	0.75	55.2		
0.60	24.7	1.11	603.0	2.0	0.89	38.5		

#### **Open Pit Mineral Resources Sensitivity**

#### **Underground Mineral Resources Sensitivity**

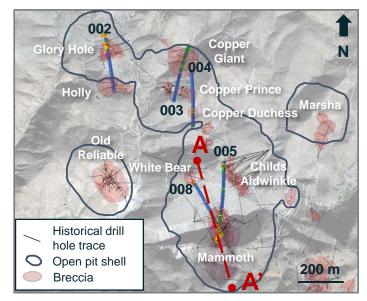
	Meas	ured and Indicated	k	Inferred				
Cut-off Grade (CuEq %)	Tonnes (Mt)	CuEq Grade (CuEq %)	Contained Metal (CuEq Mlb)	Tonnes (Mt)	CuEq Grade (CuEq %)	Contained Metal (CuEq Mlb)		
0.20	737.8	0.37	5,981.9	618.5	0.28	3,802.2		
0.31	270.5	0.51	3,043.8	45.6	0.44	440.5		
0.40	148.4	0.61	1,987.7	3.6	0.50	42.3		
0.50	57.0	0.78	976.4	1.4	0.71	21.0		

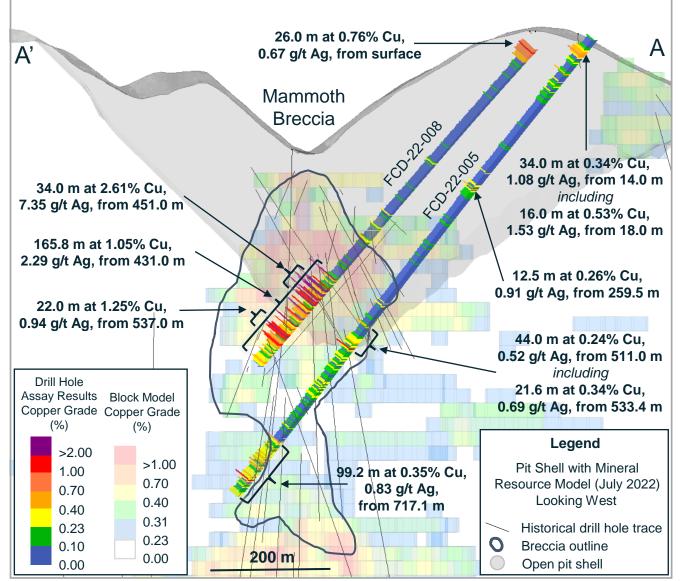
Notes: The open pit sensitivity reports tonnes and grade of the pit constrained Mineral Resource at various cut-off increments.

The underground resource sensitivity has been generated using commercial software packages to define the potential mineable limits (footprint volumes) applicable to the resource using defined economic assumptions. Multiple footprint volumes were generated at different costs to approximate sensitivity of the resource to changes in CuEq cut-off grade. As bulk underground mining is not selective, all material within each of the underground block cave footprints is reported in the sensitivity values above and therefore represent fully diluted tonnages for each respective cut-off increment.

## **COPPER CREEK: PHASE I DRILL PROGRAM RESULTS**

- Intercepted high-grade copper mineralization at the Mammoth breccia (FCD-22-008)
- Defined new near-surface mineralized zones within 60 m from Childs Aldwinkle (FCD-22-005)
- Expanded the upper Keel Zone (FCD-22-005)
- Confirmed mineralization in the Glory Hole breccia and adjacent halo (FCD-22-002)
- Identified copper mineralization in the newly discovered, blind Copper Duchess breccia (FCD-22-004)
- Results received for five holes out of a nine drill-hole program



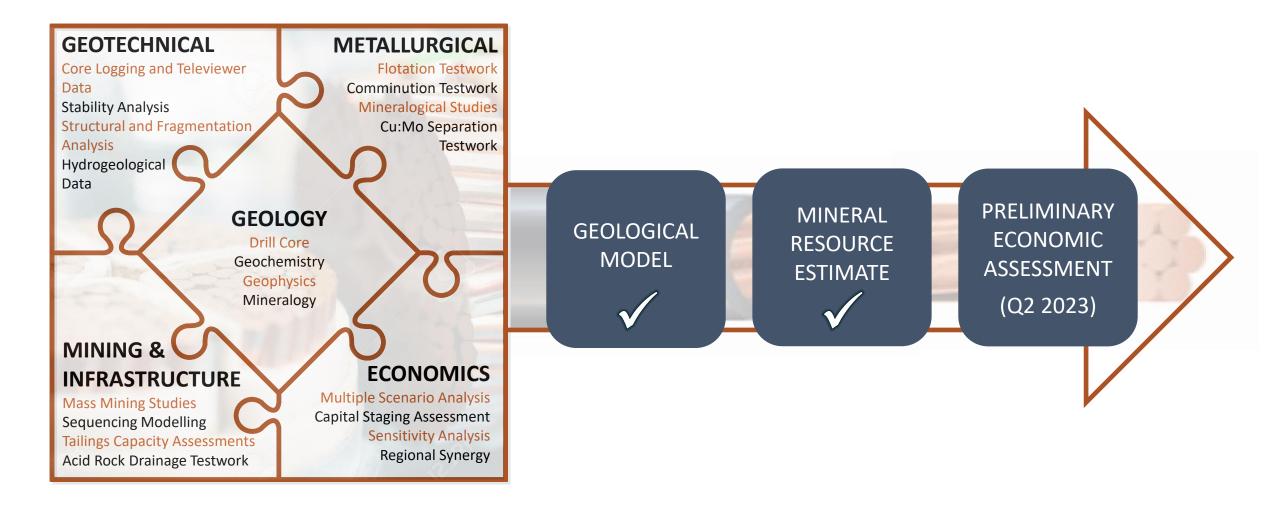


Note: For further details refer to the Company's news release dated September 7, 2022.

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### **Optimization Opportunities Supported by over US\$80 M of Data**

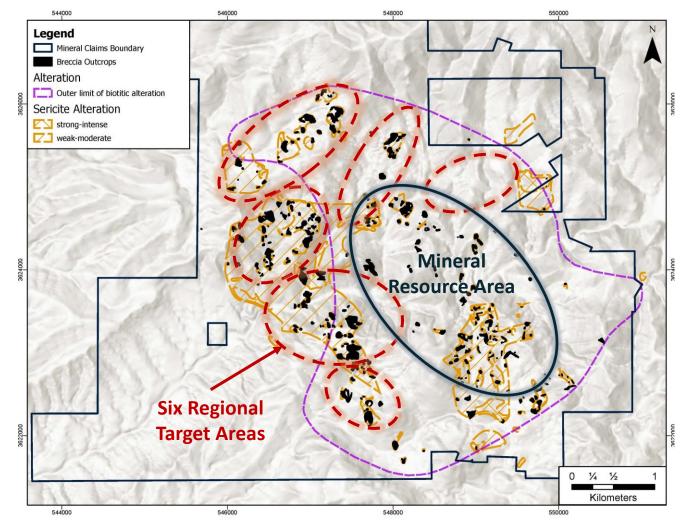


## **COPPER CREEK: DISTRICT EXPLORATION UPSIDE**



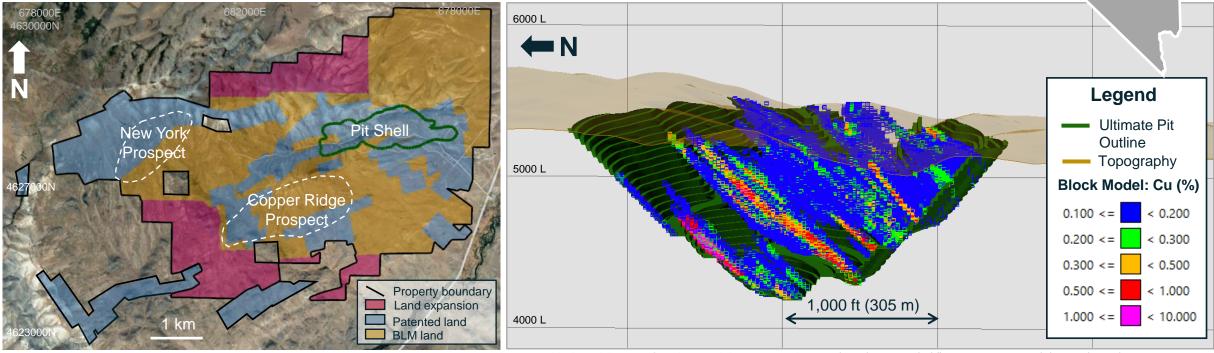
### Most of the Drilling is Within the Resource Area, Offering Significant Untested Upside

- ✓ Data integration completed, covering:
  - Geological mapping, geophysics, geochemistry, geochronology, spectral data, vein density mapping, petrography, alteration, and structural framework
- ✓ Six regional target areas identified
- Ranking and prioritization underway
- Follow up Phase II exploration program design, to target:
  - Resource expansion
  - Testing of new targets



## **CONTACT COPPER: EXPLORATION UPSIDE**

- 100% owned, 5,900+ acres of patented and unpatented mining claims in Nevada, US
- Excellent access to a major highway, power, water and local mining services
- Open pit, heap-leach copper oxide opportunity
- Deposit open in all directions; additional untested drill targets
- Current scope of work: geological model, field mapping, geophysical survey, soil sampling and staking of additional claims in progress



Notes: Conceptual resource block model section from historical data presented in a technical report titled "NI 43-101 Pre-Feasibility Study on the Contact Copper Project" prepared for International Enexco, Ltd. by Hard Rock Consulting, LLC dated and filed by International Enexco Ltd. on SEDAR on October 1, 2013.

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**Contact Copper** 

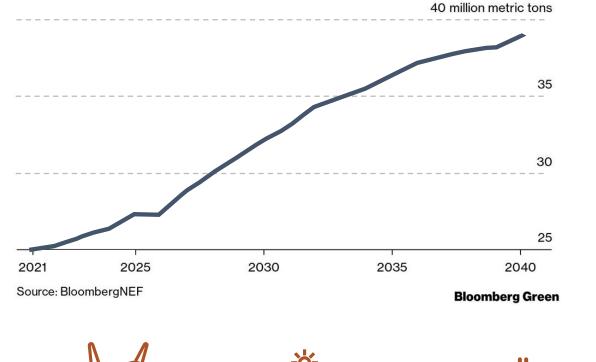
**NEVADA** 



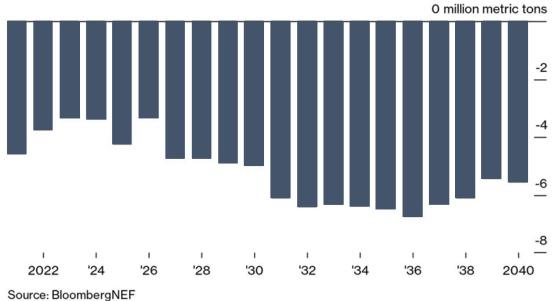
### **ELECTRIFICATION FUELING COPPER DEMAND**

### Forecasted Supply Deficit will Impact De-carbonization Commitments Globally

#### **Forecast Global Refined Copper Demand**



#### Forecast Refined Copper Supply Deficit



Note: Excludes recycling supply. Best-case supply growth scenario.

**Bloomberg Green** 









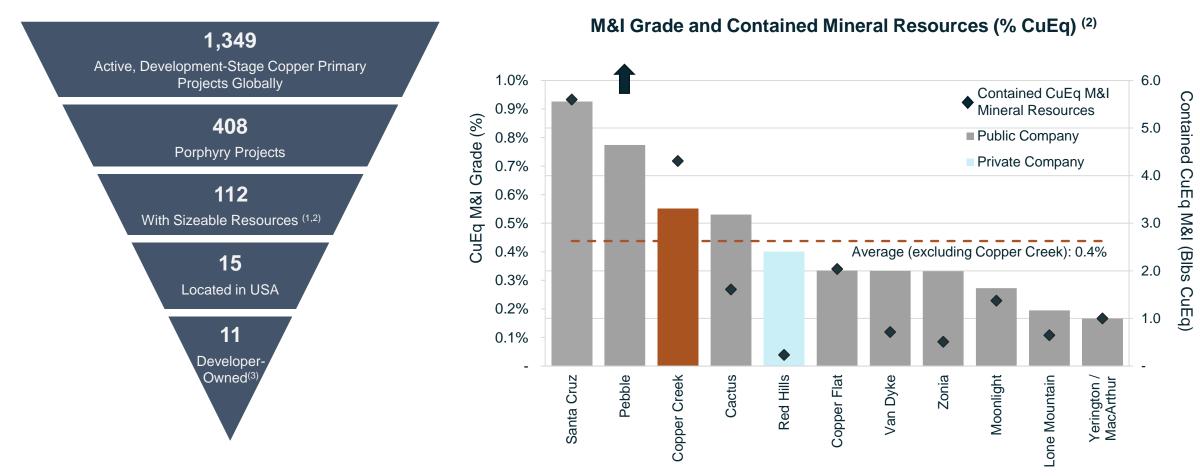








### **Copper Creek is a Sizable U.S. Copper Development Project Held by a Junior**



Source: Company disclosure, S&P Capital IQ and S&P Capital IQ Pro as at August 31, 2022.

(1) Includes projects with over 200 Mlbs CuEq Contained Measured and Indicated Mineral Resources.

(2) CuEq contained metal is based on commodity prices of \$3.55/lb Cu, \$1,727/oz Au, \$18.16/oz Ag and \$17.7/lb Mo.

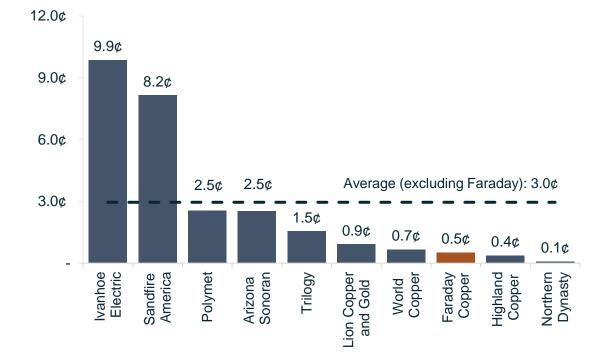
(3) Developer-owned is defined as companies without any producing mines. Includes ten public companies and one private company.

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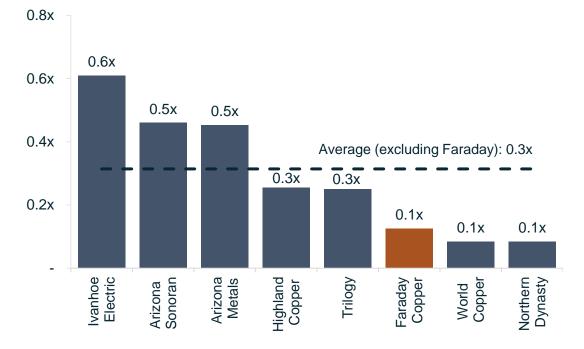
## FARADAY COPPER: COMPELLING INVESTMENT

Peers with U.S.-based Copper Development Projects

Enterprise Value / Resources (US¢/lb CuEq) <sup>(1)(2)</sup>







Source: Company disclosure, S&P Capital IQ and S&P Capital IQ Pro as at August 31, 2022.

- (1) CuEq contained metal based on commodity prices of \$3.55/lb Cu, \$1,727/oz Au, \$18.16/oz Ag and \$17.7/lb Mo.
- (2) Faraday Copper's figure excludes the Contact Copper project.
- (3) Net asset value per share figures used are analyst consensus estimates as available via S&P Capital IQ



## FARADAY COPPER

## The next U.S. source of copper

Scarcity of development-ready copper projects

Large undeveloped Mineral Resource at Copper Creek with open pit and underground mining optionality

Compelling investment opportunity based on market capitalization relative to Mineral Resource

Experienced management and board with proven track record of value creation

Significant exploration upside on both projects



# APPENDIX

## **COPPER CREEK: MINERAL RESOURCES (July 2022)**



			Grade				Contained	ed Metal	
Category	Tonnes (Mt)	Cu	Мо	Ag	g CuEq	Cu	Мо	Ag	CuEq
Catogory		(%)	(%)	(g/t)	(%)	(Mlbs)	(Mlbs)	(Moz)	(Mlbs)
<u>Open Pit (OP)</u>									
Measured	38.9	0.68	0.010	1.8	0.72	584.2	8.7	2.2	614.6
Indicated	45.7	0.44	0.007	0.9	0.46	446.4	7.2	1.3	467.8
M&I	84.6	0.55	0.009	1.3	0.58	1,030.6	16.0	3.6	1,082.5
Inferred	29.3	0.35	0.004	0.8	0.36	224.6	2.9	0.8	233.0
<u>Underground (UG)</u>									
Measured	26.1	0.50	0.012	1.5	0.54	288.7	7.0	1.3	312.7
Indicated	244.4	0.48	0.007	1.2	0.51	2,587.8	39.9	9.7	2,731.1
M&I	270.5	0.48	0.008	1.3	0.51	2,876.5	46.9	11.0	3,043.8
Inferred	45.6	0.41	0.009	0.9	0.44	410.3	9.2	1.3	440.5
Total (OP + UG)									
Measured	65.1	0.61	0.011	1.7	0.65	872.9	15.7	3.5	927.3
Indicated	290.0	0.47	0.007	1.2	0.50	3,034.2	47.2	11.0	3,199.0
M&I	355.1	0.50	0.008	1.3	0.53	3,907.1	62.9	14.5	4,126.3
Inferred	75.0	0.38	0.007	0.8	0.41	634.9	12.0	2.0	673.5

Notes: Totals may not add due to rounding. The MRE for the Copper Creek project was published in a news release dated July 6, 2022. For the related notes refer to the relevant slide in the Appendix.

## **COPPER CREEK: NOTES TO MINERAL RESOURCES**

|--|

- The Mineral Resources in this estimate were calculated using the CIM Standards on Mineral Resources and Reserves, Definitions and Guidelines (CIM, 2014) prepared by the CIM Standing Committee on Reserve Definitions and adopted by CIM Council.
- All dollar amounts are presented in U.S. dollars.
- Pit shell constrained resources with RPEEE are stated as contained within estimation domains above 0.23% CuEq cut-off grade. Pit shells are based on an assumed copper price of \$3.80/lb, assumed molybdenum price of \$13.00/lb, assumed silver price of \$20.00/oz and overall slope angle of 47 degrees based on preliminary geotechnical data. Operating cost assumptions include mining cost of \$2.25/tonne ("t"), processing cost of \$7.95/t, G&A costs of \$1.25/t, and TCRC and Freight costs of \$6.50/t.
- Underground constrained resources with RPEEE are stated as contained within estimation domains above 0.31% CuEq cut-off grade. Underground bulk mining footprints are based on an assumed copper price of \$3.80/lb, assumed molybdenum price of \$13.00/lb, assumed silver price of \$20.00/oz, underground mining cost of \$9.25/t, processing cost of \$7.00/t, G&A costs of \$1.25/t, and TCRC and Freight costs of \$6.50/t.
- Average bulk density assigned by domain: 2.33 g/cm3 for all near-surface breccias; 2.40 g/cm3 for the Mammoth breccia; 2.56 g/cm3 for the Keel breccia, porphyry mineralization and all other areas outside of breccias.
- Variable metallurgical recovery by metal and domain are considered for CuEq, as follows: copper recovery of 92%, 85% and 60% within sulphide, transitional and oxide material, respectively; molybdenum recovery of 78% and 68% for sulphide and transitional material, respectively; silver recovery of 50% and 40% for sulphide and transitional material, respectively.
- CuEq is calculated by domain based on the above variable recovery. For example, sulphide CuEq = [(Cu grade/100 \*0.92 Cu recovery \*2204.62 \*3.8 Cu price) + (Mo grade/100 \*0.78 Mo recovery \*2204.62 \*13 Mo price) + (Ag grade\*0.50 Ag recovery\*20 Ag price/31.10348)] / (0.92 Cu recovery \*2204.62 \*3.8)\*100.
- Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability. There is no certainty that all or any part of the Mineral Resources will be converted into Mineral Reserves in the future. The estimate of Mineral Resources may be materially affected by environmental permitting, legal, title, taxation, sociopolitical, marketing or other relevant issues.
- All quantities are rounded to the appropriate number of significant figures; consequently, sums may not add up due to rounding.



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