



FARADAY COPPER

# Developing US Domestic Sources of Copper

CORPORATE PRESENTATION  
June 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.V, 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](http://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 the Faraday Copper, readers should refer to [www.sedar.com](http://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 NI 43-101 Standards of Disclosure for Mineral Projects (“NI 43-101”).

All amounts are in Canadian dollars unless otherwise stated.



# BRINGING A SENIOR MINING COMPANY EXPERTISE



## MANAGEMENT



**Paul Harbidge**

President, CEO & Director

Technical & Exploration  
Expertise



**Graham Richardson**

Chief Financial Officer

Financial Expertise



**Dr. Thomas Bissig**

VP Exploration

Exploration  
Expertise



**Zach Allwright**

VP Projects &  
Evaluations

Technical 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

## BOARD OF DIRECTORS



**Russell Ball**

Chair & Independent  
Director

Capital Markets &  
Financial Expertise



**Paul Harbidge**

President, CEO & Director

Technical & Exploration  
Expertise



**Alan Wilson**

Independent Director

Exploration  
Expertise



**Katherine Arnold**

Independent Director

Sustainability &  
Permitting Expertise



**Audra Walsh**

Independent Director

Technical &  
Operations Expertise



**Randy Engel**

Independent Director

Strategic Expertise



**Robert Doyle**

Independent Director

Capital Markets &  
Financial Expertise

# 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 open pit and bulk underground mining optionality and potential for a 30+ year mine life
- **Contact Copper, NV:** low-cost open pit heap leach SX/EW oxide project, supporting near-term revenue potential
- **Optimization & exploration opportunities** supported by over US\$100M of data

## MANAGEMENT

- **Experienced Management & Board** with a clear vision to create value
- **Successful track record** of discovery, mineral development, value creation and capital markets experience
- **Bringing a senior mining company mindset** to a junior developer

## CAPITAL

- **Completed upsized equity offering** of C\$20M 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

## COPPER FUNDAMENTALS

- Opportunity for **U.S. copper supply with a multi-billion-pound resource base**
- Supporting the global electrification and **clean energy transition**
- **Leverage to strong copper demand**
- **Limited new copper projects are entering** commercial production over the next 5 years to meet growing copper demand



# FARADAY COPPER: WELL-POSITIONED FOR SUCCESS



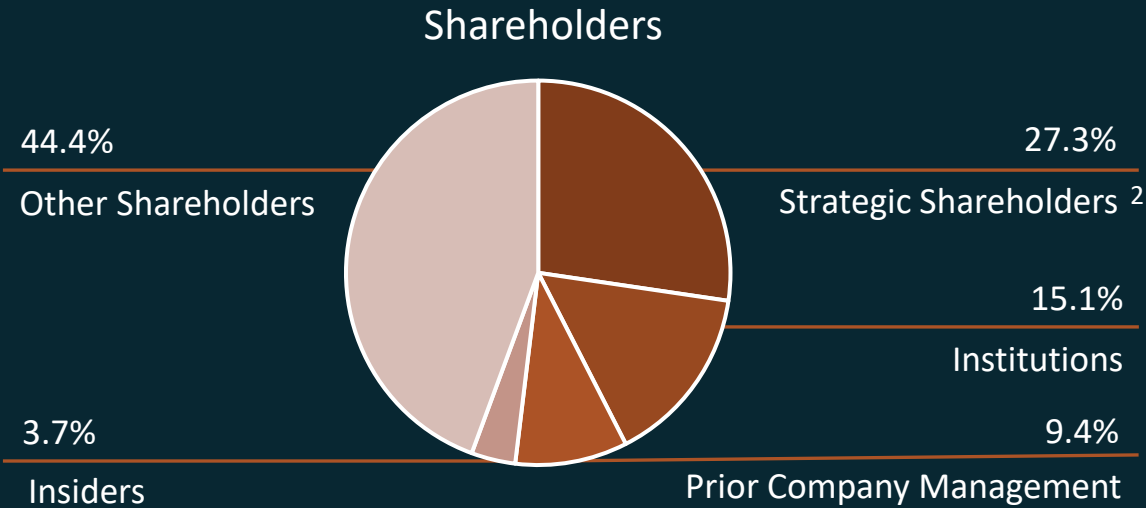
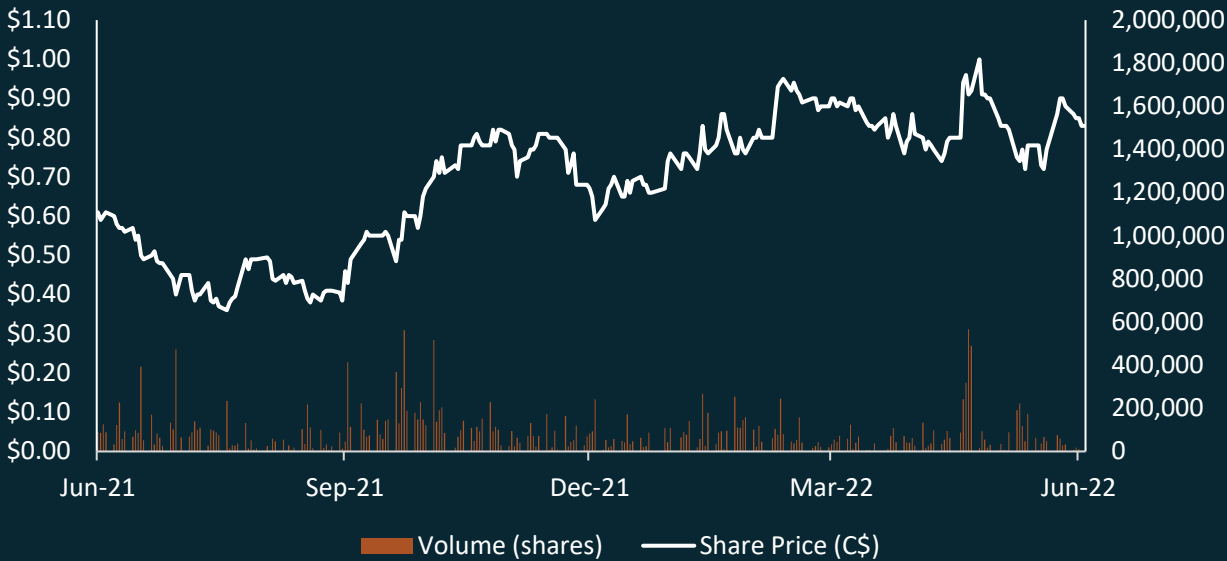
Ticker	CSE: FDY
Share Price (June 3, 2022)	C\$0.83
52-Week Trading Range	C\$0.35 – C\$1.00
Basic Shares Outstanding	122.26M
Options (avg ex \$0.43)	15.87M
Restricted Share Units	1.74M
Warrants <sup>1</sup>	13.79M
Market Capitalization (Basic)	C\$101.5M
Cash (March 31, 2022)	C\$1.6M
Private Placement Gross Proceeds (May 5, 2022)	C\$20.0M

## Analyst Coverage

Connor Mackay	PI Financial
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<sup>1</sup> 1.29M priced at \$1.00 expire August 2022, 12.5M priced at \$0.60 expire September 2026 and were issued as part of the September 2021 private placement.

<sup>2</sup> Strategic Shareholders includes a total of 23.7% held by the Lundin family, Murray Edwards, and Pierre Lassonde.



# ESG FRAMEWORK

Bringing a senior company approach to ESG



## GOOD GOVERNANCE

Conduct business with integrity, transparency and fairness



## HEALTH & SAFETY

Instill a zero harm work environment



## ENVIRONMENT

A responsible steward of the natural environment



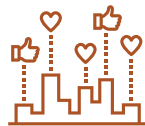
## COMMUNITY ENGAGEMENT

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



## CLEAN ENERGY FUTURE

Responsibly develop projects to support the renewable energy sector



## POSITIVE WORKPLACE CULTURE

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



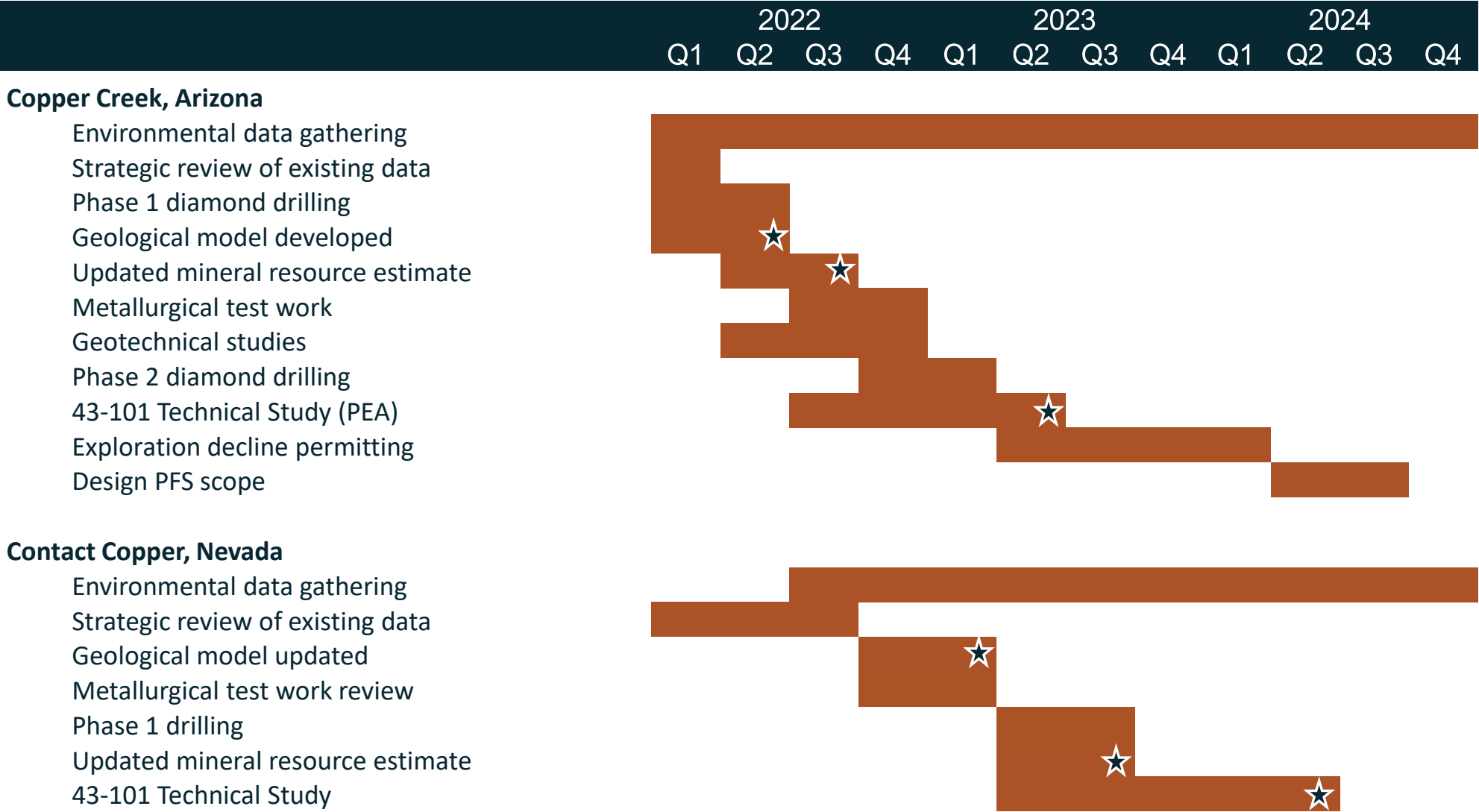
FARADAY COPPER

# PROJECT SNAPSHOT





# PROJECT TIMELINE & MILESTONES

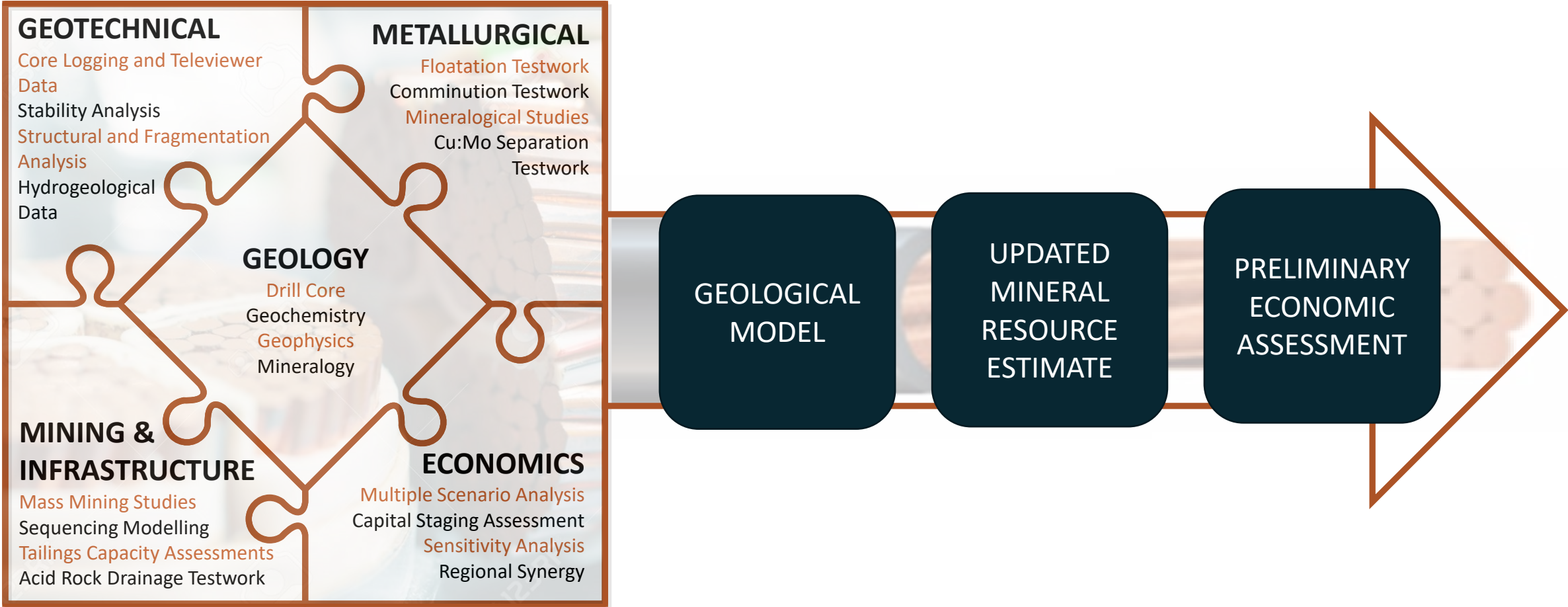


Milestone

# FARADAY COPPER: A DEVELOPMENT STORY



Optimization and exploration opportunities supported by over US\$100M of data



Notes: The reference to US\$100 million of data includes data for the Copper Creek project and the Contact Copper project.



FARADAY COPPER

# COPPER CREEK

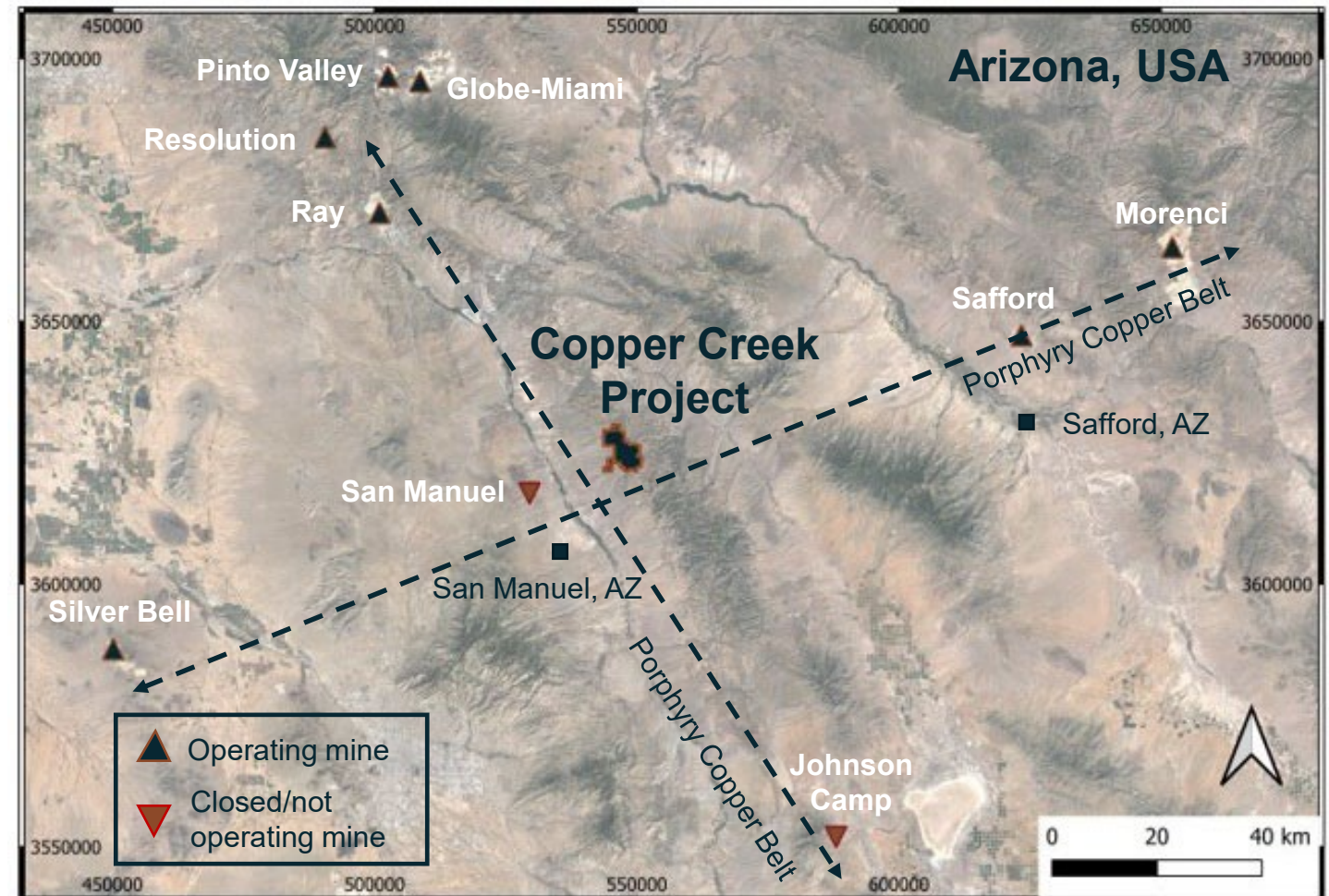
PINAL COUNTY, AZ



# COPPER CREEK: TOP MINING JURISDICTION



- **100% owned, ~41 km<sup>2</sup> property** in Pinal County, Arizona — a top ranked mining jurisdiction in the world
- Contiguous group of patented and unpatented Federal claims and Arizona prospecting permits
- Near mining and service hubs:  
~120 km northeast of Tucson  
~25 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
- No significant urbanization near the project



## MAJOR NORTHWEST AND EAST-NORTHEAST PORPHYRY COPPER BELT INTERSECTION



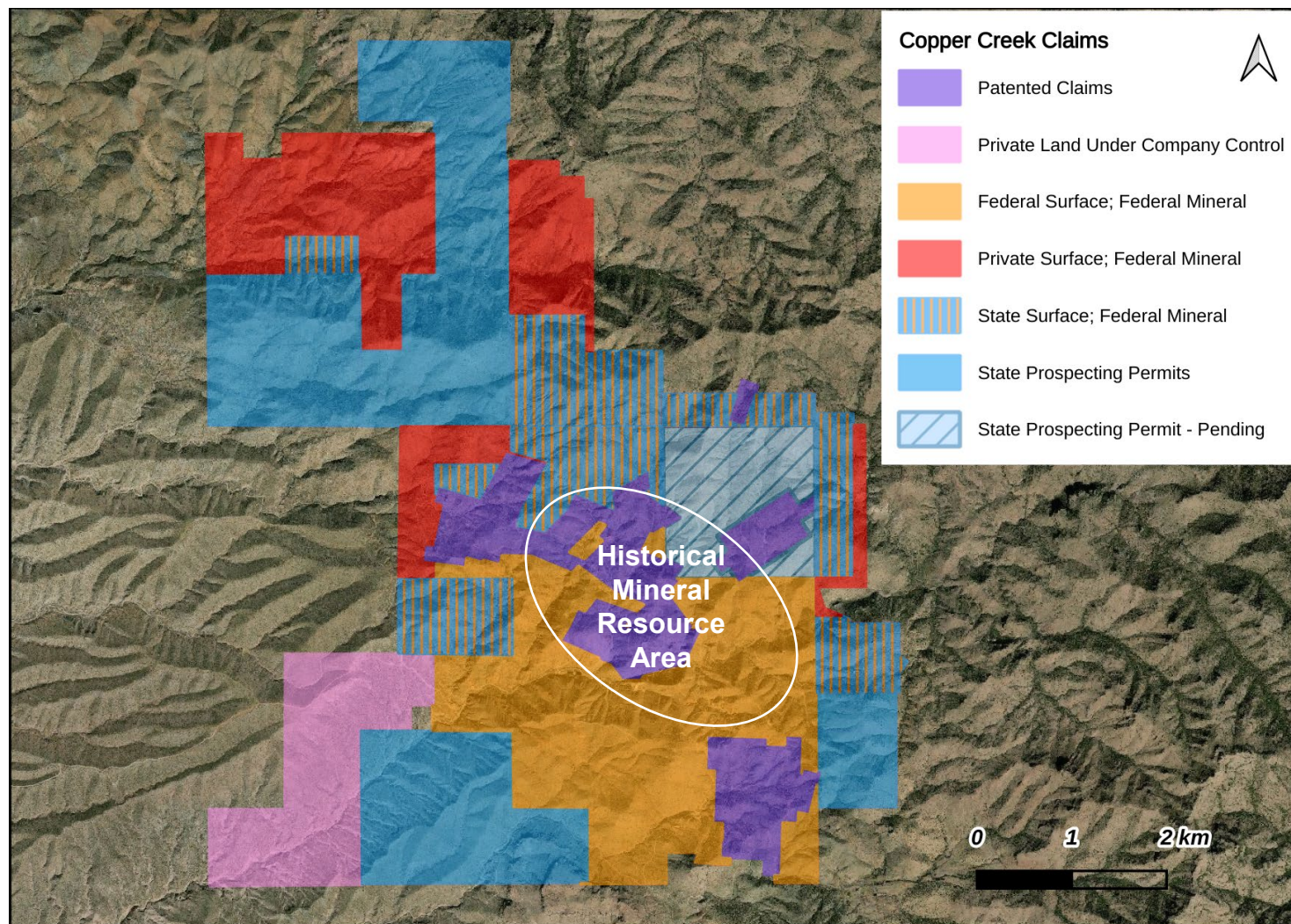
# COPPER CREEK: PROPERTY PACKAGE

Over 200,000 m of historical drilling data available



Company	Date	Number of Holes	Total Drilling (m)
Calumet & Arizona	1914	14	1,649
Bureau of Mines	1942-43	31	893
Siskon	1956-58	25	1,227
Bear Creek Mining	1959-62	15	8,865
Newmont	1966	22	9,223
Occidental	1968-70	49	2,810
Ranchers	1971	3	239
Magma	1971-72	38	28,734
Exxon	1971-72	21	22,412
Inspiration	1973	6	227
Phelps Dodge	1972-74	9	7,756
AMT	1995-2001	238	58,646
Redhawk	2006-12	78	58,030
Others		2	311
<b>Total</b>			<b>201,022</b>

Note: Private Surface; Federal Mineral are Unpatented Claims  
Grade contours based upon 2012 Underground MRE

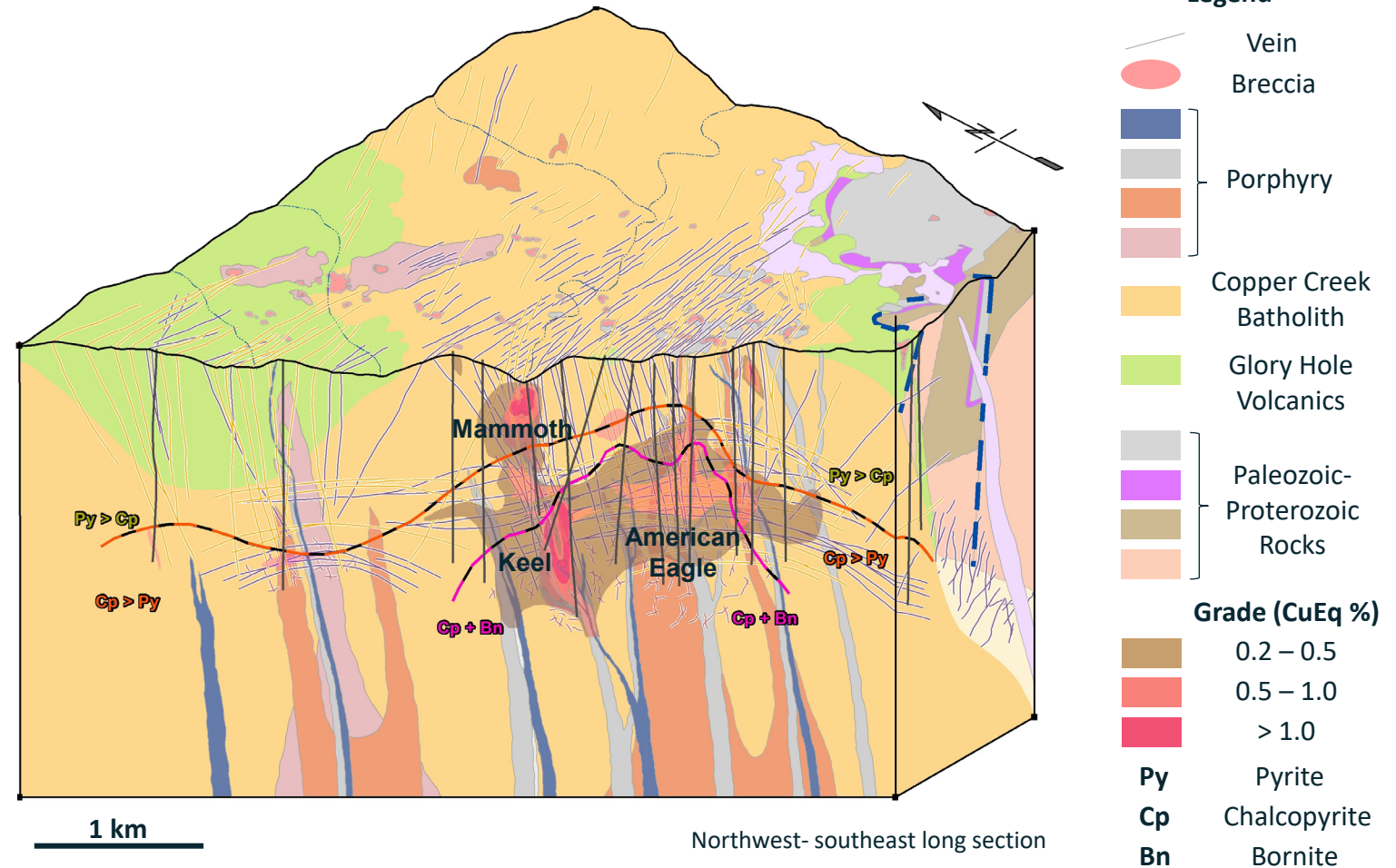




# COPPER CREEK: GEOLOGICAL MODEL



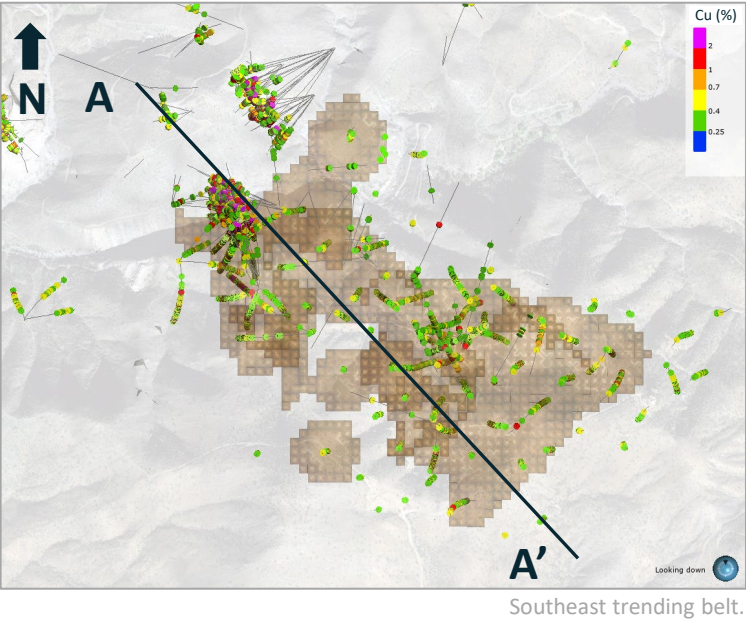
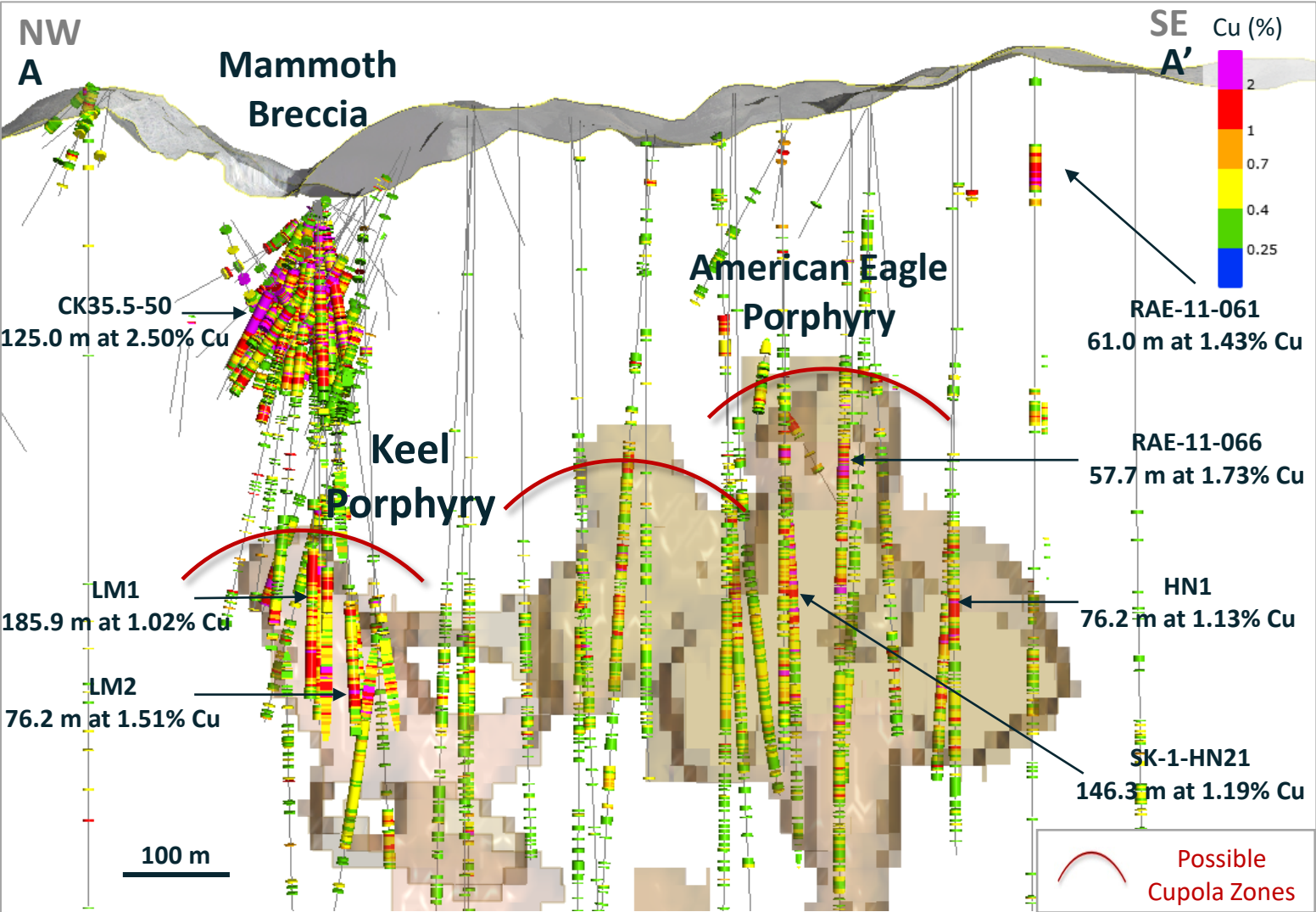
- Mineralization centred on Copper Creek batholith (Laramide age)
- Emplaced into Precambrian and Paleozoic sediments and Cretaceous Glory Hole Volcanics
- The district is marked by over 400 breccias, concentrated in two NW trending belts
- Two styles of mineralization: “Early Halo” vein style porphyry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



Source: Riedell et al 2013 SEG Conference Whistler  
Note: Grade contours based upon 2012 Underground MRE



# COPPER CREEK: CROSS SECTION



Note: NW-SE section (200 m wide) through Mammoth, Keel, and American Eagle showing Cu > 0.25%. Block model shown in background cut off at 0.5% CuEq.

# COPPER CREEK: HISTORIC MINERAL RESOURCES



- The historic open pit constrained MRE was based on a large-scale open pit extraction only
- The historic underground constrained MRE and PEA (2013) were based on selective underground extraction only, focused on the Keel & American Eagle porphyry and five breccias

Category	Tons ('000)	Cu (%)	Mo (%)	Ag (ppm)	CuEq (%)	Cu (Blbs)	Mo (Mlbs)	Ag (Moz)	CuEq (Blbs)
Historic Open Pit Constrained NI 43-101 MRE (Jun 2012)									
M&I	501,175	0.44%	0.009%	1.37	0.49%	4.4	87	20	4.9
Inferred	481,309	0.34%	0.007%	0.9	0.38%	3.3	63	13	3.7
Historic Underground Constrained NI 43-101 MRE (Dec 2012)									
M&I	153,699	0.75%	0.01%	1.67	0.83%	2.3	40	8	2.5
Inferred	86,694	0.69%	0.01%	1.26	0.76%	1.2	25	3	1.3

Notes: Totals may not add due to rounding. For the complete Mineral Resource Estimate (“MRE”) tables and related notes refer to the relevant slides in the Appendix.

The historic open pit constrained MRE was published in a technical report titled “Copper Creek 2012 Mineral Resource Update, Pinal County, Arizona, USA, Technical Report” prepared for Redhawk Resources Inc. (“Redhawk”) by Independent Mining Consultants Inc. (“IMC”), dated and filed by Redhawk on SEDAR on June 25, 2012. The MRE was calculated using a 0.20% copper equivalent (“CuEq”) cut-off grade.

The historic underground constrained MRE was published as part of the technical report titled “Redhawk Copper, Inc., Copper Creek Project, Preliminary Economic Assessment, 25,000 TPD Mill with an Underground Mine for Development of the Copper Creek Resource, dated July 25, 2013, amended October 28, 2013. The MRE was calculated using a variable copper equivalent (“CuEq”) cut-off grades based upon type of mineralization and extraction method. The Breccia deposits were calculated using a 0.75% CuEq cut-off, Keel/American Eagle using a 0.50% CuEq cut-off and the Old Reliable using a 0.40% CuEq cut-off.

# COPPER CREEK: METALURGICAL TEST WORK

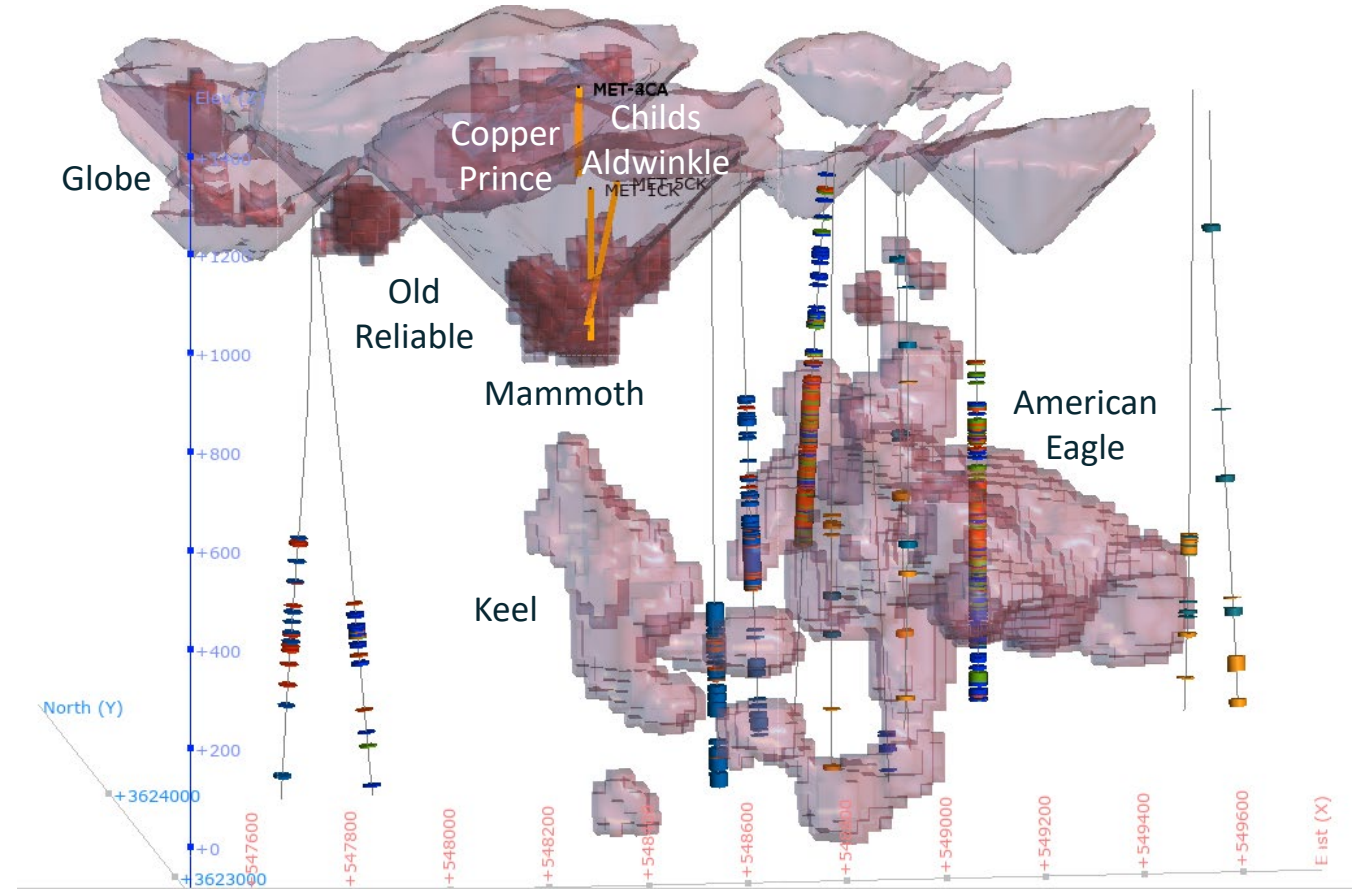


## High metal recoveries and clean quality concentrate

- **Extensive test work completed on 18 composites**
- Open cycle Cu-Mo second cleaner flotation testing completed indicated:
  - Copper recoveries ranged from 93% to 77%
  - Molybdenum recoveries ranged from 97% to 38%
- Locked cycle flotation tests on the average grade composites showed:
  - Over 95% copper recoveries
  - 32% to 62% copper concentrate grades
  - Molybdenum recoveries proportional to head grade. 94% to 28% recoveries from high to low grade samples, respectively

MSRDI Consultants (1997) met holes in Childs Aldwinkle and Mammoth shown in orange

METCON (2008 – 2012) composites shown on respective drillholes



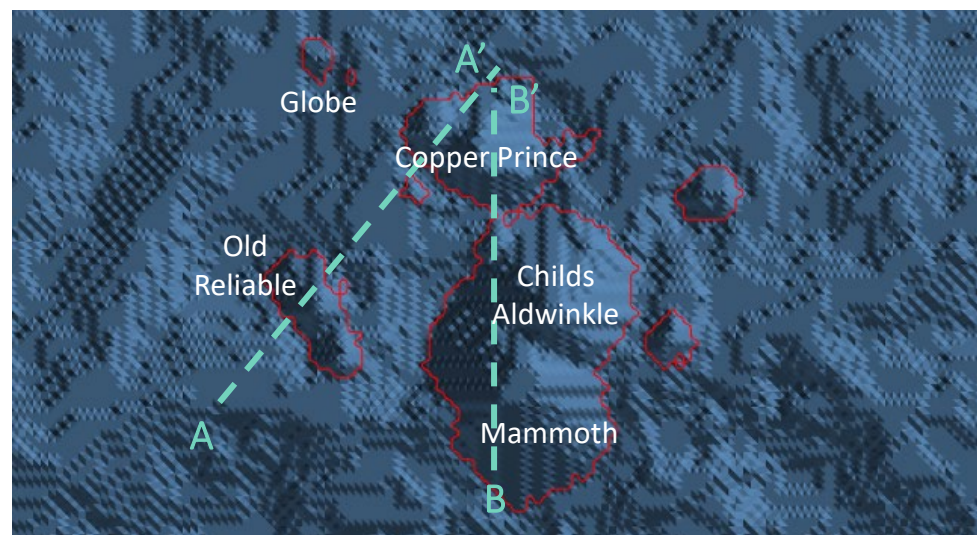
Notes: Image displays preliminary (internal) selected optimal pit shell and Minable Shape Optimizer ("MSO") stope blocks at 0.4% CuEq cutoff grade based on 'Block Model\_CuEq\_100ft\_table.dm'



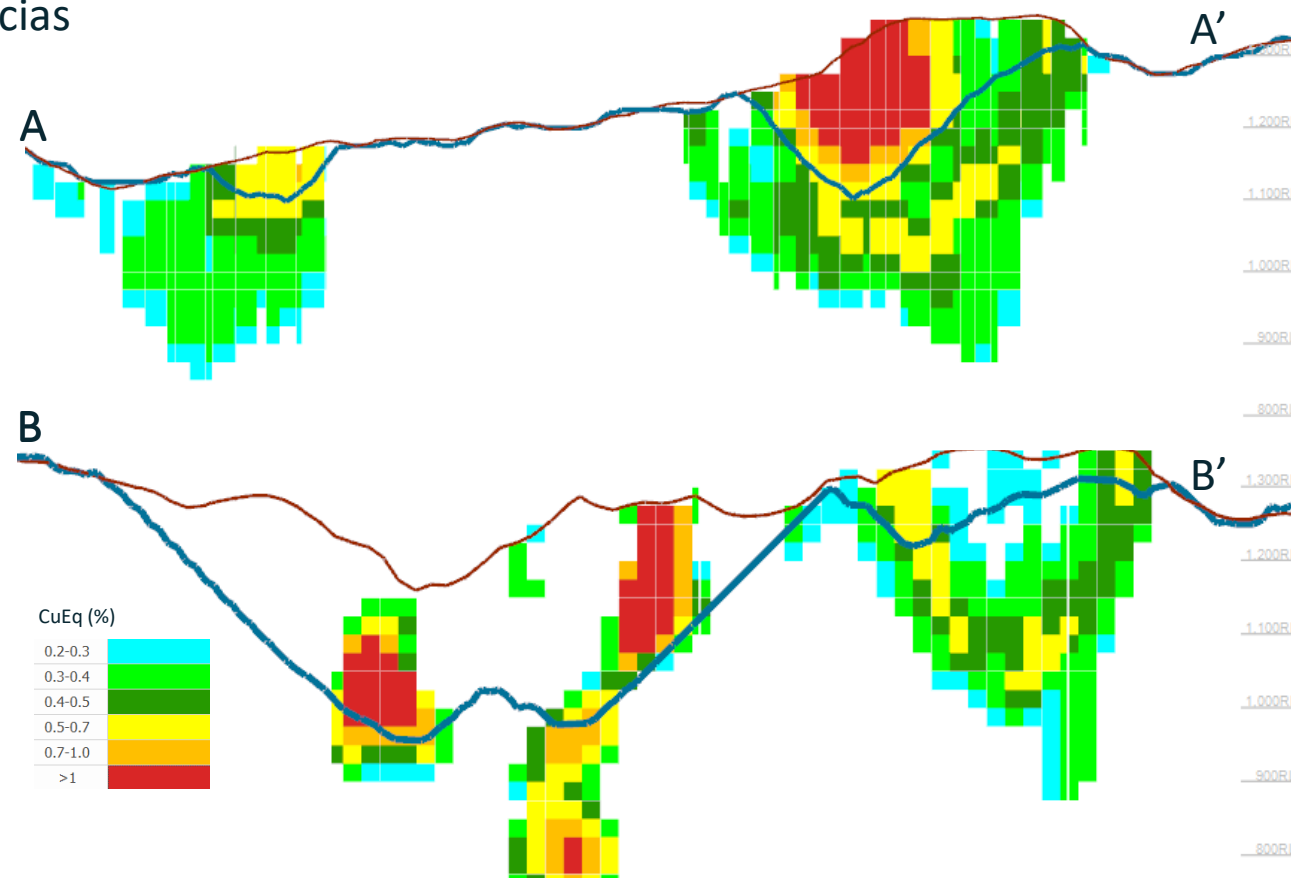
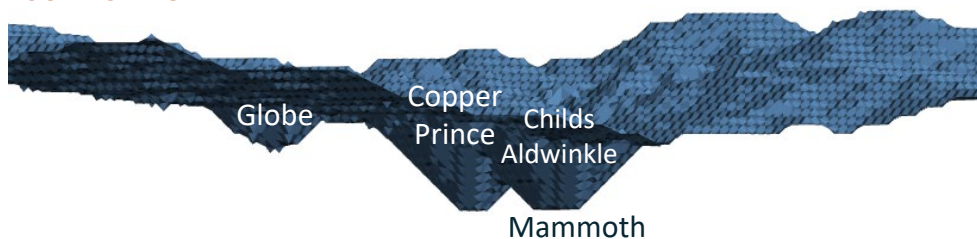
# COPPER CREEK: PIT POTENTIAL



- The Copper Creek PEA will validate the economic potential of open pit extraction within the near surface breccias



LOOKING WEST



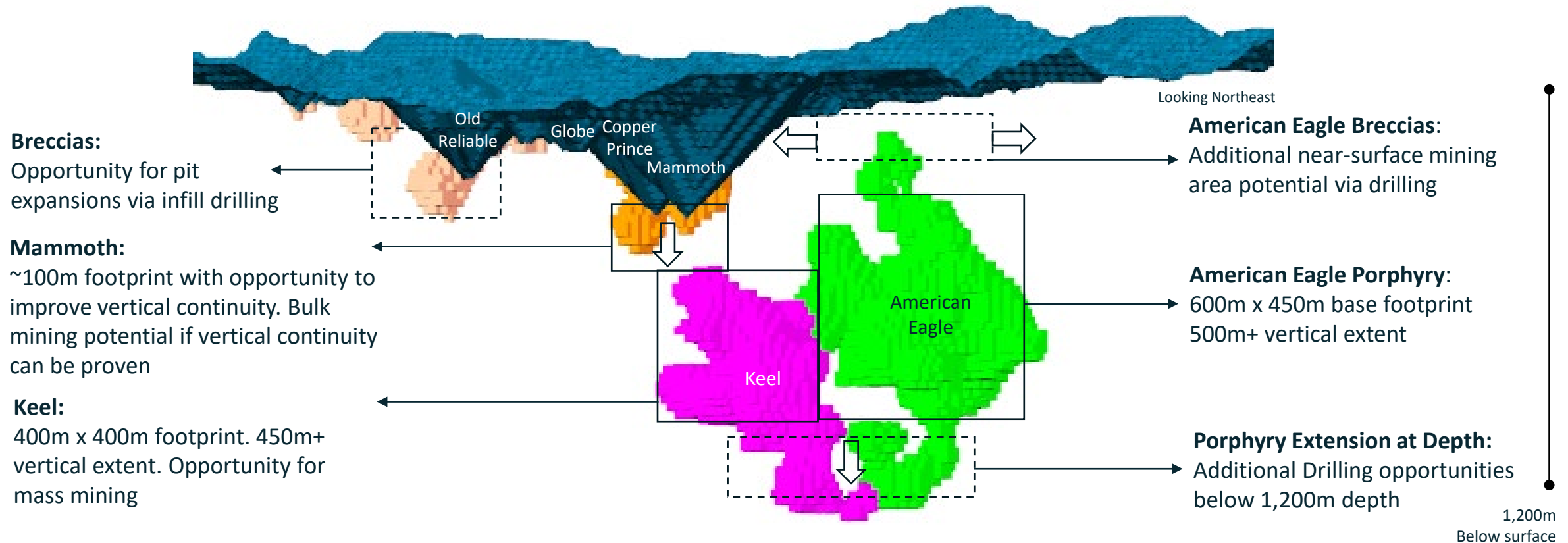
Notes: The potential grade and scale of the open pit and underground inventory is conceptual in nature. There has been insufficient technical analysis to define it as economically viable inventory or mineable Reserve. Note that all Resource sections and value presented have been assumed as depleted for any historic mining. Images above reflect conceptual pit shells applied to the 2012 historic resource model using a 0.27% CuEq cut-off-grade.

# COPPER CREEK: BULK UNDERGROUND POTENTIAL



## Large underground footprint offers optionality

- The PEA+ will consider various underground extraction options, taking advantage of the optionality the orebody presents
- The image below reflects conceptual stope blocks generated with the 2012 historic mineral resource model



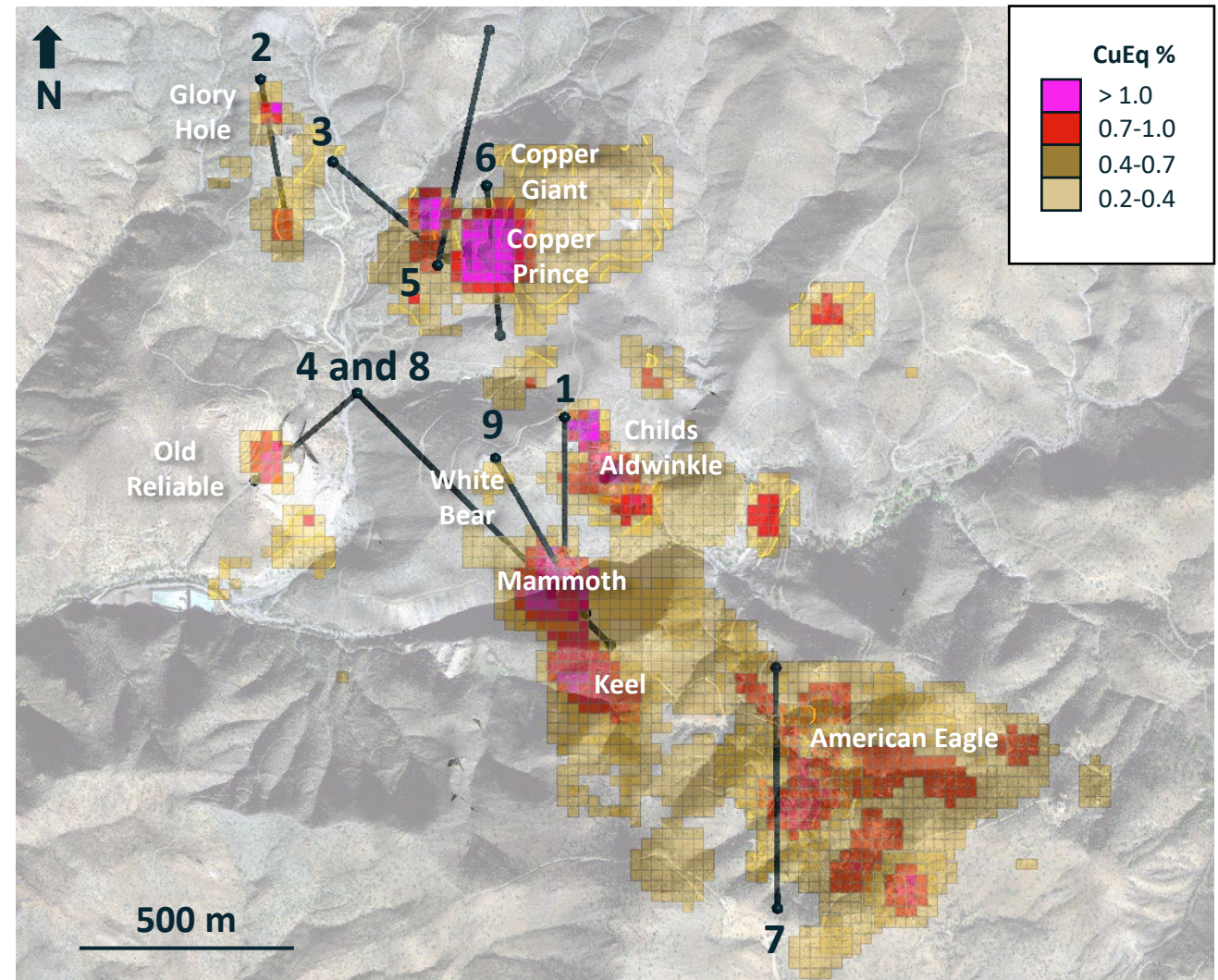
Note: The potential grade and scale of the open pit and underground inventory is conceptual in nature. There has been insufficient technical analysis to define it as economically viable inventory or mineable Reserve Mineable Shape Optimizer (MSO) blocks presented are indicative only. American Eagle blocks shown are based on 0.4% CuEq cut-off and all other zones 0.5% CuEq cut-off.



# COPPER CREEK: PHASE I DRILL PROGRAM



- ~6,000 m expanded exploration program
- Testing porphyry and breccia style mineralization
- Nine drill holes, including:
  - 1: From Childs-Aldwinkle to Mammoth, N to S
  - 2: Below Glory Hole from NW to SE
  - 3: From Glory Hole SE towards Copper Prince
  - 4: Angled NW to SE across Copper Creek to Keel
  - 5: From Copper Prince to Copper Giant drilled to N
  - 6: From Copper Giant to Copper Prince drilled to S
  - 7: Angled hole to N across American Eagle
  - 8: From NE to SW below Old Reliable
  - 9: White Bear breccia to Mammoth





# COPPER CREEK: DISTRICT EXPLORATION UPSIDE



## NEXT STEPS

**Currently:** Integrating existing technical data layers

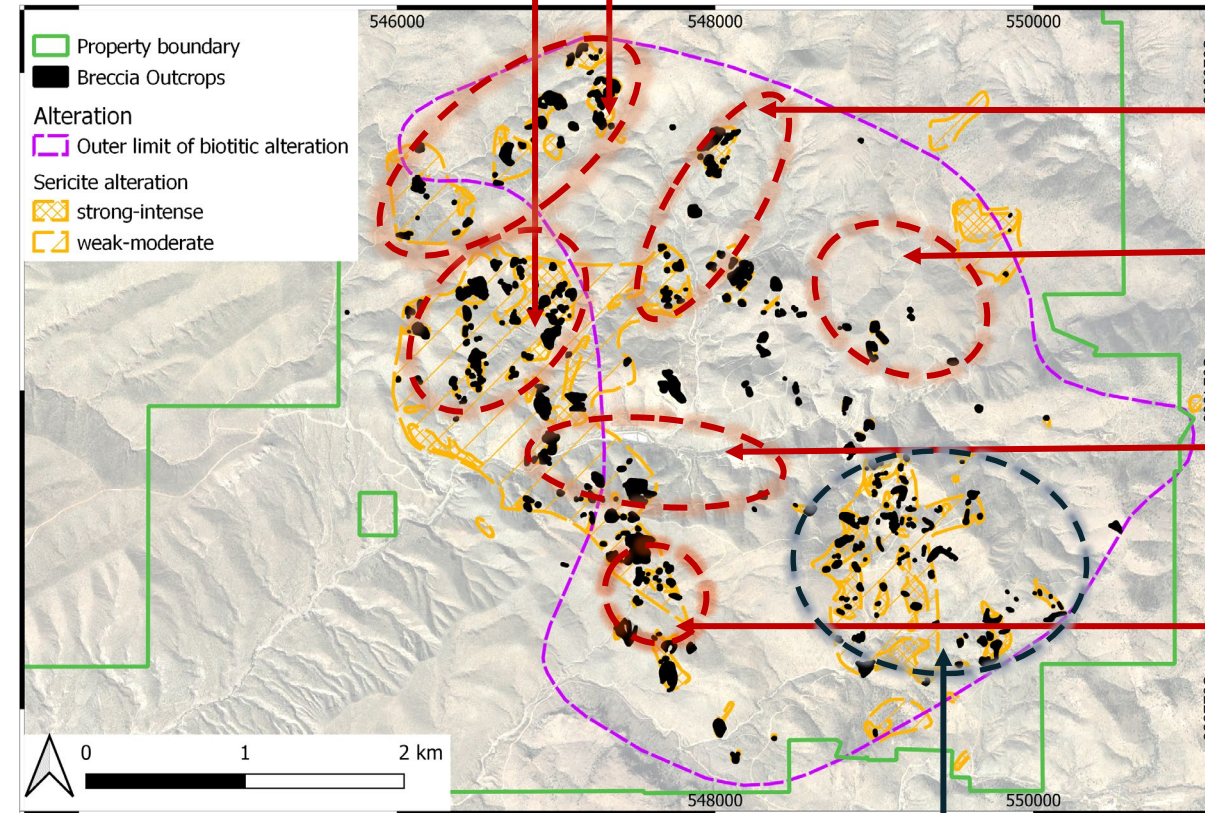
**Q3'22:** Target generation study, ranking and prioritization

**Q3'22:** Design follow-up exploration program

**Q4'22:** Commence Phase II exploration program

High conductivity zone in western breccias sericite-clay alteration

Limited drilling with good Cu intercepts > 0.5%



NE oriented zone of elevated conductivity

High copper in surface geochemistry

Westward extension of ZTEM conductivity zone from American Eagle

High Cu-Sb in surface geochemistry

Historic mineral resource area





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# CONTACT COPPER

ELKO COUNTY, NV



# CONTACT COPPER: TOP MINING JURISDICTION



- **100% owned, +5,300 acres** of patented and unpatented mining claims
- 80 km north of the town of Wells in Elko County, NV — a top ranked mining jurisdiction in the world
- The majority of the defined mineral reserves are located on royalty-free private property
- Easily accessible: less than 2km west of U.S. Highway 93
- Excellent access to power, water and local mining services



Note: Refer to the technical report titled "NI 43-101 Pre-Feasibility Study on the Contact Copper Project" prepared for International Enxco, Ltd. by Hard Rock Consulting, LLC dated and filed by International Enxco Ltd. on SEDAR on October 1, 2013.



# CONTACT COPPER

## MINERAL RESERVES AND RESOURCES



- Disseminated oxide copper mineralization in quartz veins within large structural zones
- Mineralization is oxidized to depths of up to 600 m
- +86,000 m of drilling completed at the Contact deposit between 1967 and 2012
- Multiple untested targets ready for drilling

### Historic NI 43-101 Compliant Reserves and Resource Estimate (2013)

Category	Tons ( <sup>'000</sup> )	Cu (%)	Cu (Mlbs)
Proven Reserves	57,678	0.23%	263.2
Probable Reserves	83,416	0.21%	348.5
P&P Reserves	141,094	0.22%	611.7
Measured Resources	75,473	0.21%	314.0
Indicated Resources	137,640	0.19%	517.5
M&I Resources	213,113	0.20%	831.5
Inferred Resources	12,982	0.20%	52.2

Totals may not add due to rounding.

Notes: Mineral reserves reported at 0.07% Cu cut-off, and pit-constrained within a Lerchs-Grossman pit shell based on a copper price of US\$3.20/lb Cu and operating cost and recovery parameters as described in the October 2013 Pre-Feasibility Study. Measured and Indicated Mineral Resources are inclusive of mineral reserves and are captured within the pit shell based on a 0.05% Cu cut-off. Pit optimization is based on assumed copper price of US\$4.00/lb.

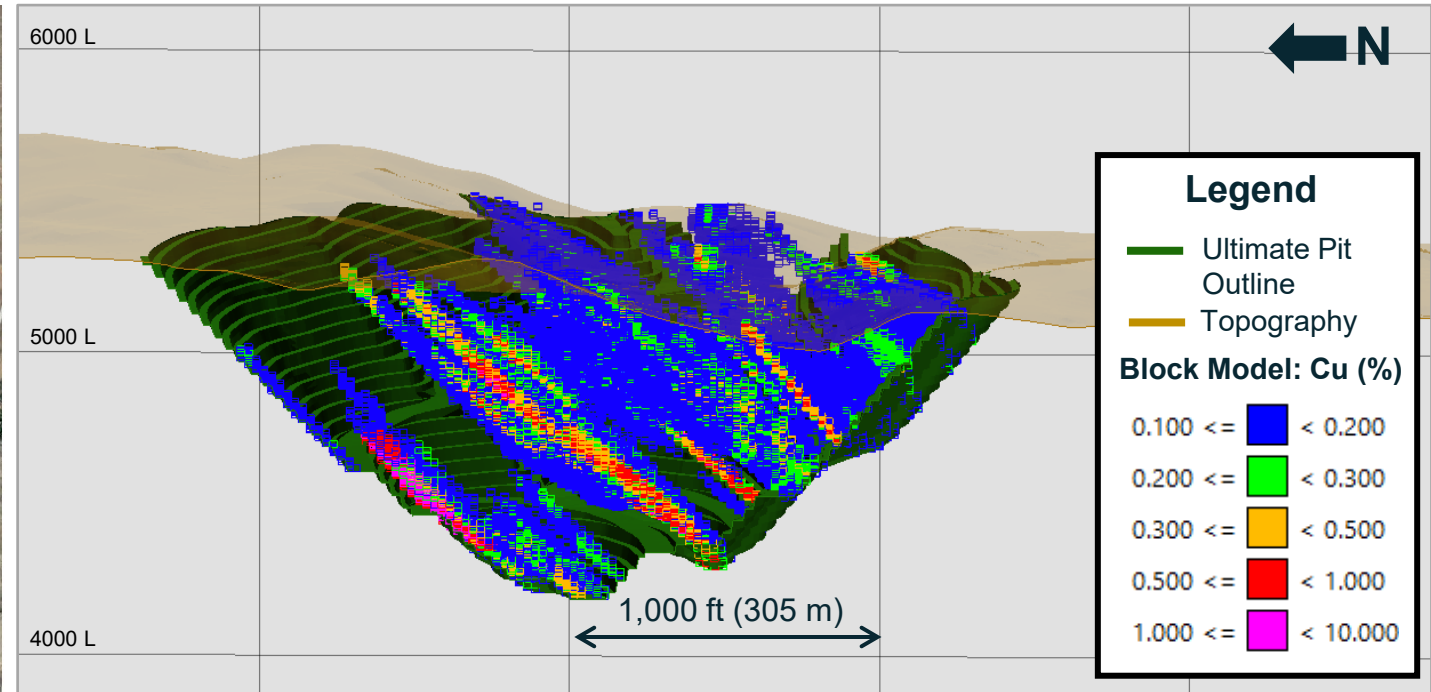
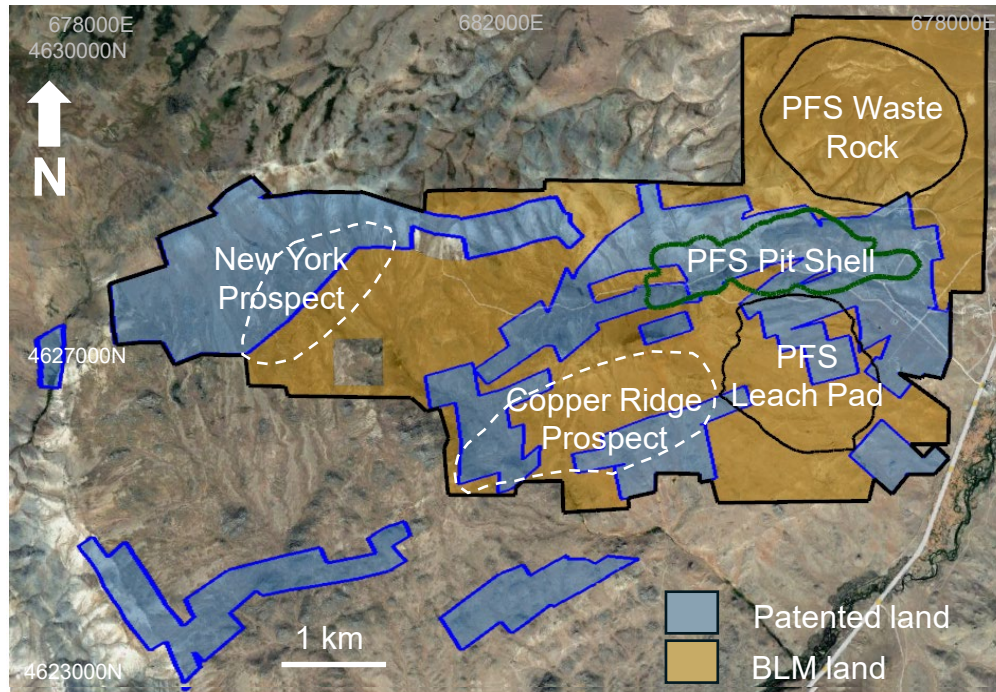
The foregoing historic mineral reserves and resources estimate (the "MRE") was published in a technical report titled "NI 43-101 Pre-Feasibility Study on the Contact Copper Project" prepared for International Enxco, Ltd. by Hard Rock Consulting, LLC dated and filed by International Enxco Ltd. on SEDAR on October 1, 2013 ("Enxco 2013 PFS").

Because the MRE was completed in compliance with the definitions for mineral resource categorization set out by the Canadian Institute of Mining, Metallurgy and Petroleum, and disclosed in a technical report conforming to the requirements of NI 43-101, Faraday Copper is of the view that the MRE is generally reliable and relevant to an evaluation of the property, however Faraday Copper's internal Qualified Person(s) has not completed any independent verification of the MRE. Faraday Copper intends to complete additional resource drilling on Contact Copper for purposes of increasing and upgrading the mineral resource prior to completion of a new mineral resource estimate.

# CONTACT COPPER: COPPER OXIDE DEPOSIT



- Traced over 2.3 km east-west and 0.9 km north-south
- Open to the west, to the north and to the south. Open at depth
- Current scope of work: metallurgical review, geological model audit, Mineral Resource review, staking of additional claims, initiation of notice of intent for drilling purposes

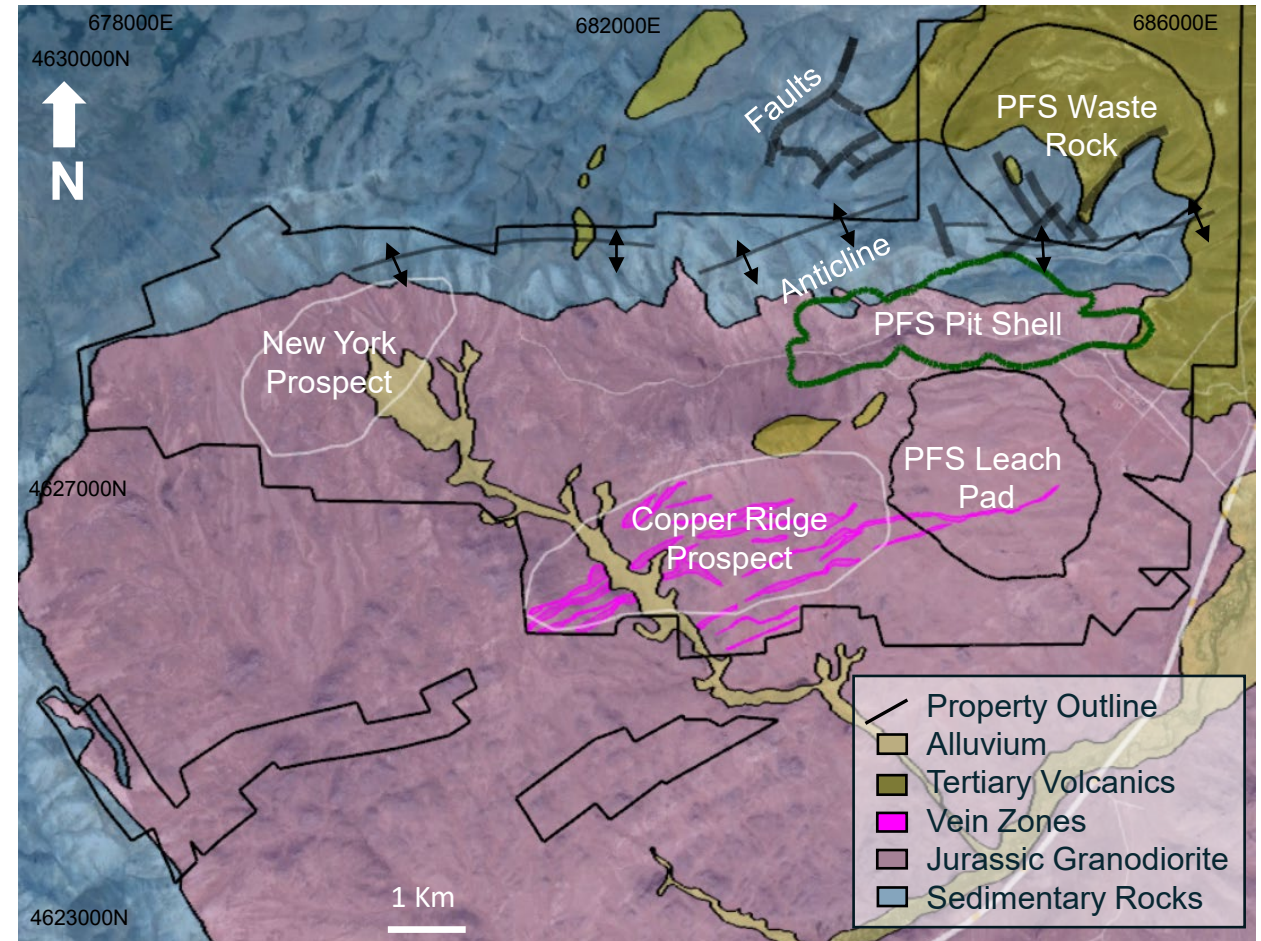


Notes: Conceptual resource block model section (looking east) from historical data presented in the Enxco 2013 PFS.

# CONTACT COPPER: EXPLORATION UPSIDE



- Excellent potential to expand the Contact deposit in multiple directions
- Past surface sampling programs at the Copper Ridge and New York prospects indicate the potential for additional oxide copper mineralization across the +5,300 acre property
- At Copper Ridge 28 rock samples have traced surface oxide copper mineralization 2.5 km by 0.6 km, with values up to 12.4% Cu<sup>1</sup>, no previous drilling



<sup>1</sup> Refer to International Enxco Ltd. news release dated August 27, 2012 and filed on [www.sedar.com](http://www.sedar.com).

Notes: The image depicts historical mapping and property outlines from the Enxco 2013 PFS. The image is conceptual in nature.



# FARADAY COPPER: WHY INVEST?



- Multi-billion-pound U.S. domestic source of copper, supporting the clean energy transition
- Extensive historical data to form the basis for optimization of both projects with near-term study delivery
- Projects offer the potential for low carbon footprint operations within a responsible mining framework
- Market capitalization, relative to the current mineral resources, offers a compelling investment opportunity
- Experienced management and board with proven track record of value creation
- Significant exploration upside on both projects



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# APPENDIX

# COPPER CREEK

## OPEN PIT CONSTRAINED MRE



- Mineral Resource Estimate prepared by IMC (2012) envisaged large scale open pit extraction only
- Based on 480 drill holes and >200,000 m of drilling
- Resource area extends over a ~3 km by ~2 km area and to vertical depths of ~1,500 m

### Historic NI 43-101 Compliant Resource Estimate (Jun 2012)

CuEq Cut-Off	Category	Tons ('000)	Cu (%)	Mo (%)	Ag (ppm)	CuEq (%)	Cu (Blbs)	Mo (Mlbs)	Ag (Moz)	CuEq (Blbs)
0.20%	Measured	45,488	0.72%	0.013%	2.63	0.80%	0.7	12	4	0.7
	Indicated	456,687	0.42%	0.008%	1.24	0.46%	3.8	73	18	4.2
	<b>M&amp;I</b>	<b>501,175</b>	<b>0.44%</b>	<b>0.009%</b>	<b>1.37</b>	<b>0.49%</b>	<b>4.4</b>	<b>87</b>	<b>20</b>	<b>4.9</b>
	Inferred	481,309	0.34%	0.007%	0.9	0.38%	3.3	63	13	3.7
0.30%	Measured	37,827	0.82%	0.015%	2.94	0.91%	0.6	11	4	0.7
	Indicated	305,120	0.51%	0.010%	1.49	0.57%	3.1	61	15	3.4
	M&I	342,947	0.54%	0.011%	1.65	0.60%	3.7	73	17	4.1
	Inferred	256,329	0.45%	0.009%	1.24	0.49%	2.3	44	9	2.5

Totals may not add due to rounding.

Notes: The foregoing historic mineral resource estimate (the "MRE") was published in a technical report titled "Copper Creek 2012 Mineral Resource Update, Pinal County, Arizona, USA, Technical Report" prepared for Redhawk Resources Inc. ("Redhawk") by Independent Mining Consultants Inc. ("IMC"), dated and filed by Redhawk on SEDAR on June 25, 2012. The MRE was calculated using a 0.20% copper equivalent ("CuEq") cut-off grade. The MRE is based on metal prices of US\$2.75/lb CuEq and contained within an open pit geometry using industry comparable estimates for direct mining, milling, and G&A costs. The ratios for calculating CuEq are based upon US\$2.75/lb Cu, US\$12.00/lb Mo, and US\$20.00/oz Ag and recoveries of 90% for Cu, 80% for Mo, and 90% for Ag.

Because the MRE was completed in compliance with the definitions for mineral resource categorization set out by the Canadian Institute of Mining, Metallurgy and Petroleum, and disclosed in a technical report conforming to the requirements of NI 43-101, Faraday Copper is of the view that the MRE is generally reliable and relevant to an evaluation of the property, however, Faraday Copper's Qualified Person(s) has not completed any independent verification of the MRE. Faraday Copper intends to complete additional resource drilling on Copper Creek for purposes of increasing and upgrading the mineral resource prior to completion of a new mineral resource estimate.



# COPPER CREEK

## UNDERGROUND CONSTRAINED MRE



- 2013 PEA envisaged selective underground extraction only
- The associated underground constrained resource focused on:
  - Keel & American Eagle porphyry
  - 5 Breccias (Globe, Copper Prince, Childs Aldwinkle, Mammoth and Old Reliable)
- Keel & American Eagle represent 96% of total resource tonnage and 93% of resource CuEq copper lbs.

### Historic NI 43-101 Compliant Resource Estimate (Dec 2012)

Category	Tons (‘000)	Cu (%)	Mo (%)	Ag (ppm)	CuEq (%)	Cu (Blbs)	Mo (Mlbs)	Ag (Moz)	CuEq (Blbs)
Measured	36,954	0.88%	0.02%	3.22	0.99%	0.6	14	4	0.7
Indicated	116,745	0.71%	0.01%	0.96	0.77%	1.7	29	4	1.8
<b>M&amp;I</b>	<b>153,699</b>	<b>0.75%</b>	<b>0.01%</b>	<b>1.67</b>	<b>0.83%</b>	<b>2.3</b>	<b>40</b>	<b>8</b>	<b>2.5</b>
Inferred	86,694	0.69%	0.01%	1.26	0.76%	1.2	25	3	1.3

Totals may not add due to rounding.

Notes: The foregoing historic mineral resource estimate (the “MRE”) was published as part of the technical report titled “Redhawk Copper, Inc., Copper Creek Project, Preliminary Economic Assessment, 25,000 TPD Mill with an Underground Mine for Development of the Copper Creek Resource, dated July 25, 2013, amended October 28, 2013. The MRE was calculated using a variable copper equivalent (“CuEq”) cut-off grades based upon type of mineralization and extraction method. The Breccia deposits were calculated using a 0.75% CuEq cut-off, Keel/American Eagle using a 0.50% CuEq cut-off and the Old Reliable using a 0.40% CuEq cut-off. Note that the Old Reliable deposit was envisaged as a small scale Open Pit (approx. 1% of stated Resource based on all Categories), With the remainder of the stated resource being Underground. The ratios for calculating CuEq are based upon US\$2.75/lb Cu, US\$12.00/lb Mo, and US\$20.00/oz Ag and recoveries of 90% for Cu, 80% for Mo, and 90% for Ag.

Because the MRE was completed in compliance with the definitions for mineral resource categorization set out by the Canadian Institute of Mining, Metallurgy and Petroleum, and disclosed in a technical report conforming to the requirements of NI 43-101, Faraday Copper is of the view that the MRE is generally reliable and relevant to an evaluation of the property, however, Faraday Copper’s Qualified Person(s) has not completed any independent verification of the MRE. Faraday Copper intends to complete additional resource drilling on Copper Creek for purposes of increasing and upgrading the mineral resource prior to completion of a new mineral resource estimate.

# COPPER CREEK: 2013 HISTORIC PEA



- 2013 Historic PEA envisages an underground room and pillar/post pillar with backfill operation
- Conventional grind/float sulphide concentrator, producing copper and molybdenum concentrate
- Reasonable grind size, moderate work index
- Multiple areas for further optimization



## Summary of the 2013 Historic PEA

<b>Throughput Rate</b>	<ul style="list-style-type: none"> <li>■ 25,000 short tons per day</li> </ul>
<b>Mining Method</b>	<ul style="list-style-type: none"> <li>■ Room and pillar with backfilling</li> </ul>
<b>Processing Method</b>	<ul style="list-style-type: none"> <li>■ Standard flotation</li> <li>■ Production of a 30% copper concentrate with molybdenum and silver by-products</li> </ul>
<b>Mine Life</b>	<ul style="list-style-type: none"> <li>■ 17.5 years</li> </ul>
<b>Copper Grades</b>	<ul style="list-style-type: none"> <li>■ Years 1-3 average: 0.90%</li> <li>■ LOM average: 0.77%</li> </ul>
<b>Recoveries</b>	<ul style="list-style-type: none"> <li>■ &gt;90% Cu and Ag, 80% Mo</li> </ul>
<b>Copper Production</b>	<ul style="list-style-type: none"> <li>■ Years 1-3 average: 136.3 million lbs</li> <li>■ LOM average annual: 121.7 million lbs</li> <li>■ LOM: 2.1 billion lbs</li> </ul>
<b>C1 Cash Cost</b>	<ul style="list-style-type: none"> <li>■ US\$1.74/lb Cu (net of by-products)</li> </ul>
<b>CAPEX</b>	<ul style="list-style-type: none"> <li>■ Initial: US\$857 million</li> <li>■ LOM sustaining: US\$343 million</li> </ul>
<b>Metal Price Assumptions</b>	<ul style="list-style-type: none"> <li>■ Copper: US\$3.00/lb</li> <li>■ Molybdenum: US\$12/lb</li> <li>■ Silver: US\$20/oz</li> </ul>
<b>Project Economics</b>	<ul style="list-style-type: none"> <li>■ Pre-tax NPV<sub>7.5%</sub>: US\$231M</li> <li>■ Pre-tax IRR: 11.8% (Payback period: 6.2 years)</li> </ul>

Source: NI 43-101 technical report titled "Redhawk Copper, Inc., Copper Creek Project, Preliminary Economic Assessment, 25,000 TPD Mill with an Underground Mine for Development of the Copper Creek Resource", prepared by Mr. Joseph M. Keane, P.E.; Mr. Herb Welhener, MMSA-QPM; Mr. Steve Milne, P.E.; Mr. Gene Muller, P.E; Mr. David Nicholas and SGS Metcon/KD Engineering dated July 25, 2013, amended October 28, 2013.

# COPPER CREEK: METALLURGICAL TEST WORK



## METCON (2008-2012)

- Rougher flotation tests on 14 composite samples
  - Keel & American Eagle
  - Mid grade Globe breccia
  - High grade Globe breccia
  - Strongly oxidized Copper Prince
  - Weakly to unoxidized Copper Prince
- Additional programs ran by METCON
  - Copper molybdenum separation test program
  - Bond grinding work index assessment / comminution testing
  - Mineralogical studies
  - Variability second cleaner flotation study on variability composite

Cu-Mo second cleaner flotation test results on composite samples

Sample ID	Cu-Mo Second Cleaner Concentrate				Recovery (%)			
	Cu (%)	Mo (%)	Au (g/t)	Ag (g/t)	Cu	Mo	Au	Ag
Composite 1 - Copper Grade in the 0.2 to 0.3 Percent Range	28.80	0.56	1.20	NA	86.71	75.34	NA	NA
Composite 2 - Chalcopyrite Dominant Copper Grade $\geq 0.2$ to 0.5 Percent	30.50	0.39	1.40	NA	85.26	72.03	NA	NA
Composite 3 - Chalcopyrite Dominant, Copper Grade $\geq 0.5$ Percent	30.20	0.75	1.49	NA	87.23	73.76	NA	NA
Composite 4 - Bornite Moderate to Strong, Copper Grade $\geq 0.2$ to 0.5 Percent	41.80	2.28	3.95	NA	85.43	72.45	NA	NA
Composite 5 - Bornite Moderate to Strong, Copper Grade $\geq 0.5$ Percent	40.10	0.56	5.66	NA	77.17	80.67	NA	NA
Composite 6 - High Copper Grade	31.10	0.20	0.96	NA	88.95	77.40	NA	NA
Composite 7 - Mid Copper Grade	23.90	0.20	0.93	NA	87.36	66.46	NA	NA
Composite 8 - Low Copper Grade	25.50	0.34	0.95	NA	82.78	65.97	NA	NA
Composite 9 - SE Low Copper Grade	18.99	0.04	0.54	47	88.59	37.84	57.37	54.08
Composite 10 - SE Moderate High Grade	21.07	0.16	0.57	61	92.84	80.17	72.42	70.16
Composite 11 - SE High Bornite	21.84	1.07	0.41	56	88.27	87.33	45.47	53.87
Composite 12 - SW Low Copper Grade	20.84	0.79	0.73	46	85.07	86.69	57.74	49.11
Composite 13 - SW Moderate High Copper Grade	31.01	0.03	0.77	44	89.29	38.67	62.83	48.27
Composite 14 - SW High Bornite	31.50	12.30	3.59	154	91.81	97.06	82.40	78.80

Notes: Table generated by METCON Research ("METCON") as part of the 2012 Mineral Resource Estimate ("MRE"), data for the MRE was sourced from the METCON report titled "Copper Creek Project – Preliminary Open Cycle Flotation Study (Variability Flotation Testing)", dated June 2012.





# FARADAY COPPER

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