



**GRANITE CREEK**  
COPPER

High-Grade Copper-Gold in Yukon's Prolific Minto Copper Belt



September 2019

TSX.V: GCX

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Certain disclosure contained in this presentation, including statements regarding management's assessment of the Stu Property, the Company's plans and intentions with respect to the Company's acquisition, exploration and development activities, and mineral resource estimates, constitute forward-looking statements or forward-looking information (collectively, "Forward-Looking Information") within the meaning of applicable securities law. The Forward-Looking Information in this presentation is based on certain assumptions that the Company believes are reasonable, including that the Company is able to obtain adequate financing to fund its business plan, including anticipated exploration programs, that the Company is able to obtain required government or other regulatory approvals, that actual results of exploration and development activities are consistent with management's expectations, that assumptions relating to mineral resource estimates are accurate, and with respect to the Company's ability to procure equipment and supplies.

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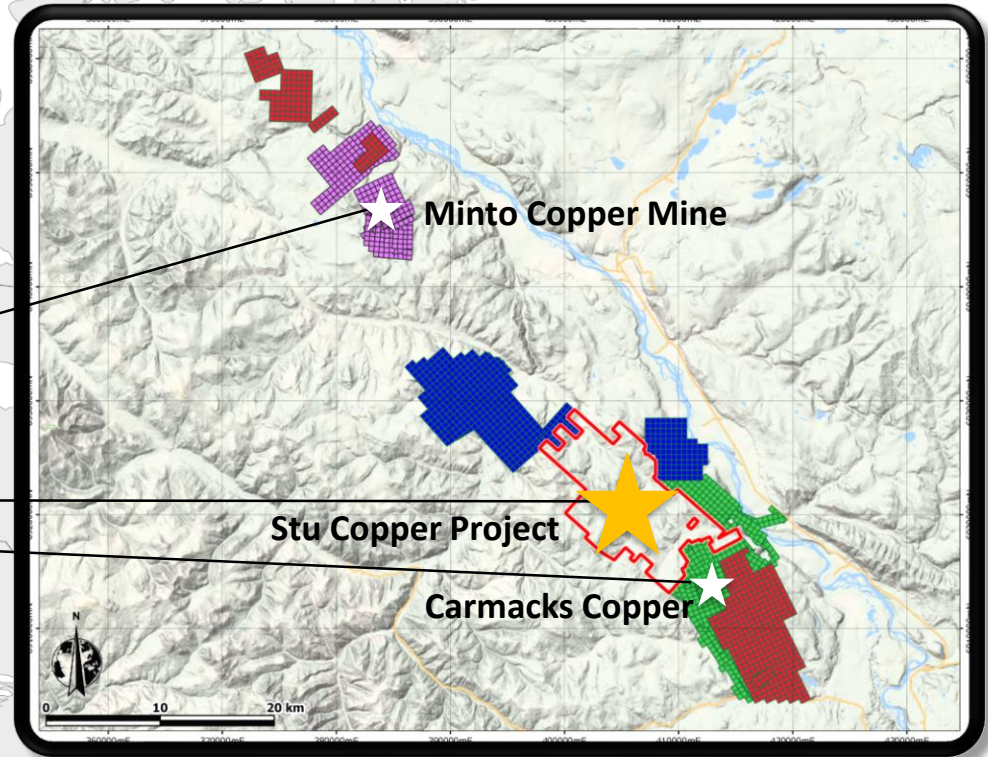
## Granite Creek Fundamentals:

- Copper focused exploration company 100% ownership of 115 square km Stu Copper Project within the high-grade Minto Copper District of Canada's Yukon Territory
- Brownfields project located between Pembridge Resources' Minto Cu-Au-Ag mine to the north and Copper North's Carmacks Cu-Au-Ag Project to the south
- Database of historical data including drilling, trenching, geophysics and geochemical sampling
- Multiple drill ready targets with two at step-out drilling stage from initial discovery and six large scale, early-stage targets
- Close to infrastructure including grid power, all-season roads and international highways leading to existing deep seaports equipped for concentrate shipping and handling
- Located in a mining-friendly jurisdiction with a long history of exploration and mine development, and ample skilled labour



## Stu Copper-Gold Project – Location & Overview

100%-owned (115km<sup>2</sup>)



- High-grade copper focused brownfields exploration in the Minto Copper District in the Yukon Territory
- 210km from Whitehorse and 47km from Carmacks
- Brownfields district with multiple targets defined by historical soils, trenching and drilling
- New targets defined by recent soils
- Extensive historical database now being compiled; resulting targets will be refined for first exploration season

## Major Investments in Yukon Continue

- Canada ranked #1 jurisdiction by Behre Dohlbear
- Yukon ranked 9<sup>th</sup> globally, 3<sup>rd</sup> in Canada by the Fraser Institute
- In 2017, Federal & Territorial governments committed to \$360M in highway infrastructure spending

May 2016 - Goldcorp acquisition of Kaminak Gold: \$520M \*  
 June 2016 - Goldcorp acquires 19.9% stake in Independence Gold: \$2M  
 March 2017 - Goldcorp acquires 19.9% stake in Triumph Gold: \$6.27M



Dec. 2016 - Agnico Eagle acquires 19.3% stake in White Gold Corp.: \$14.52M


  
**AGNICO EAGLE**

March 2017 - Newmont signs earn-in agreement with Goldstrike: \$53M \*


  
**NEWMONT**

March 2017 - Coeur invests in Rockhaven Resources: \$2.68M  
 June 2019 – Coeur signs LOI to acquire 51% of Alianza for \$3.5M


  
**COEUR MINING™**

February 2019 – Teck increases its holding of Fireweed to 9.9%

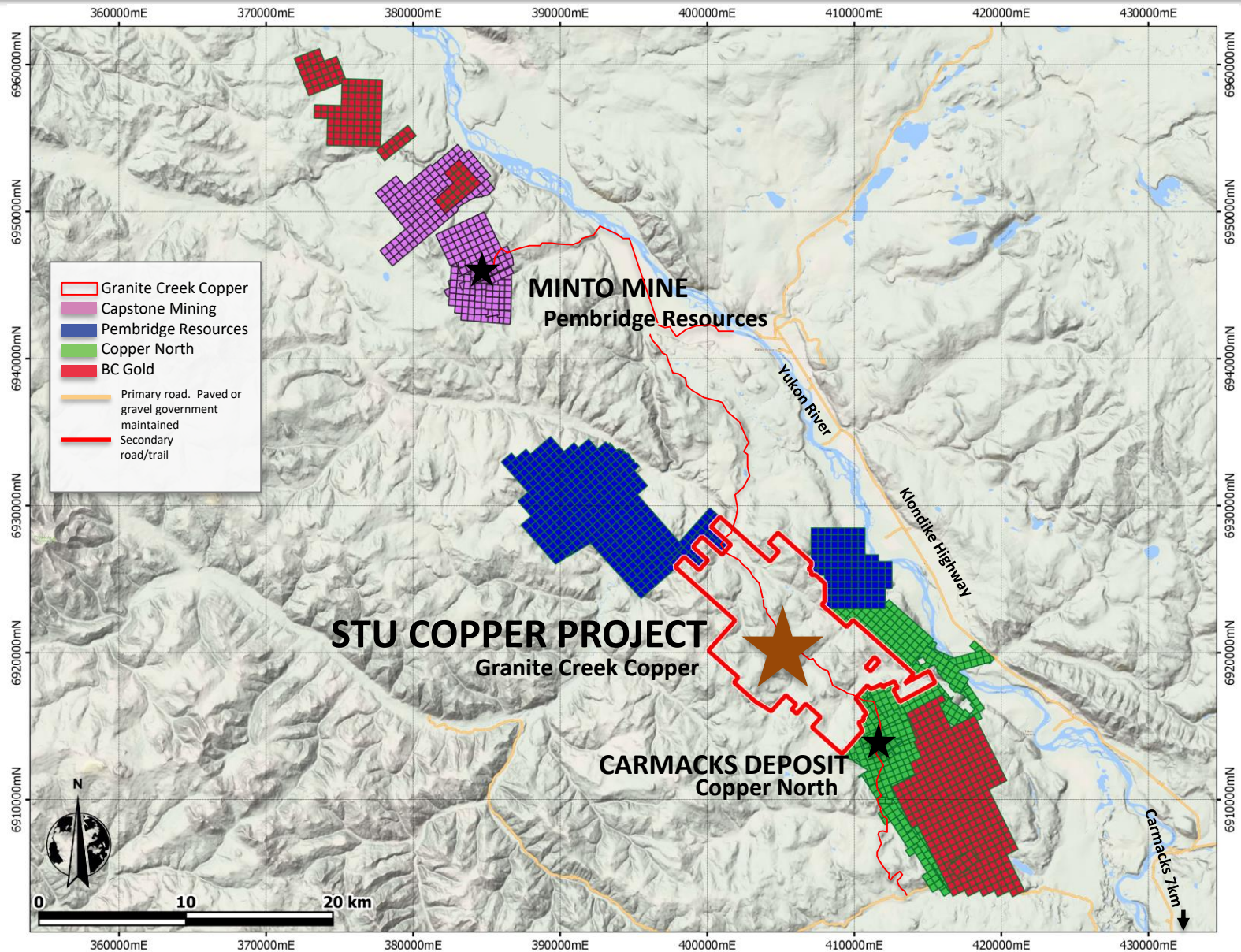


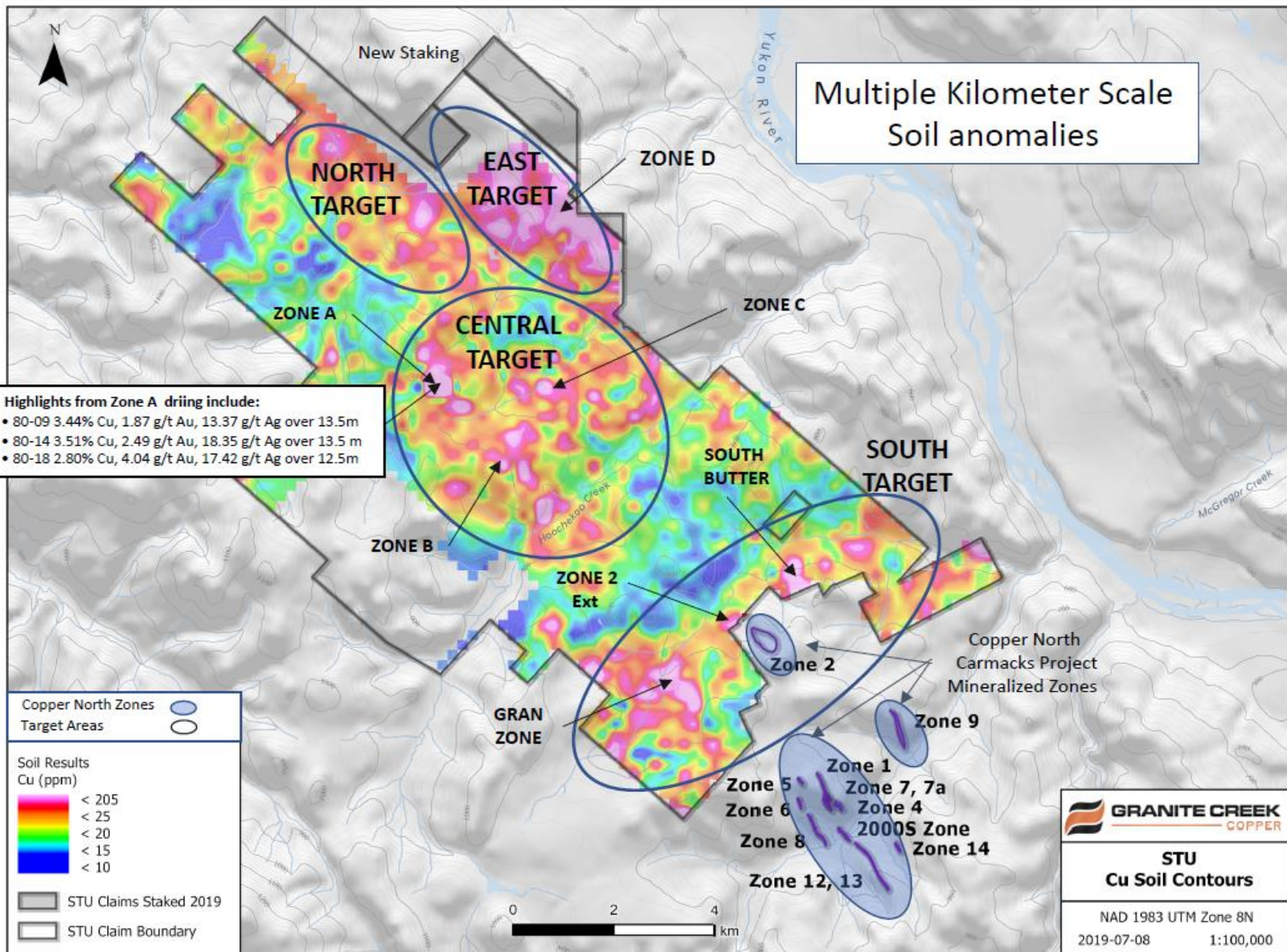
February 2019 – Pembridge Resources announces acquisition of Minto Mine for \$20M


  
**PEMBRIDGE RESOURCES**

January 2019 – Newmont acquires Goldcorp forming Newmont Goldcorp \*

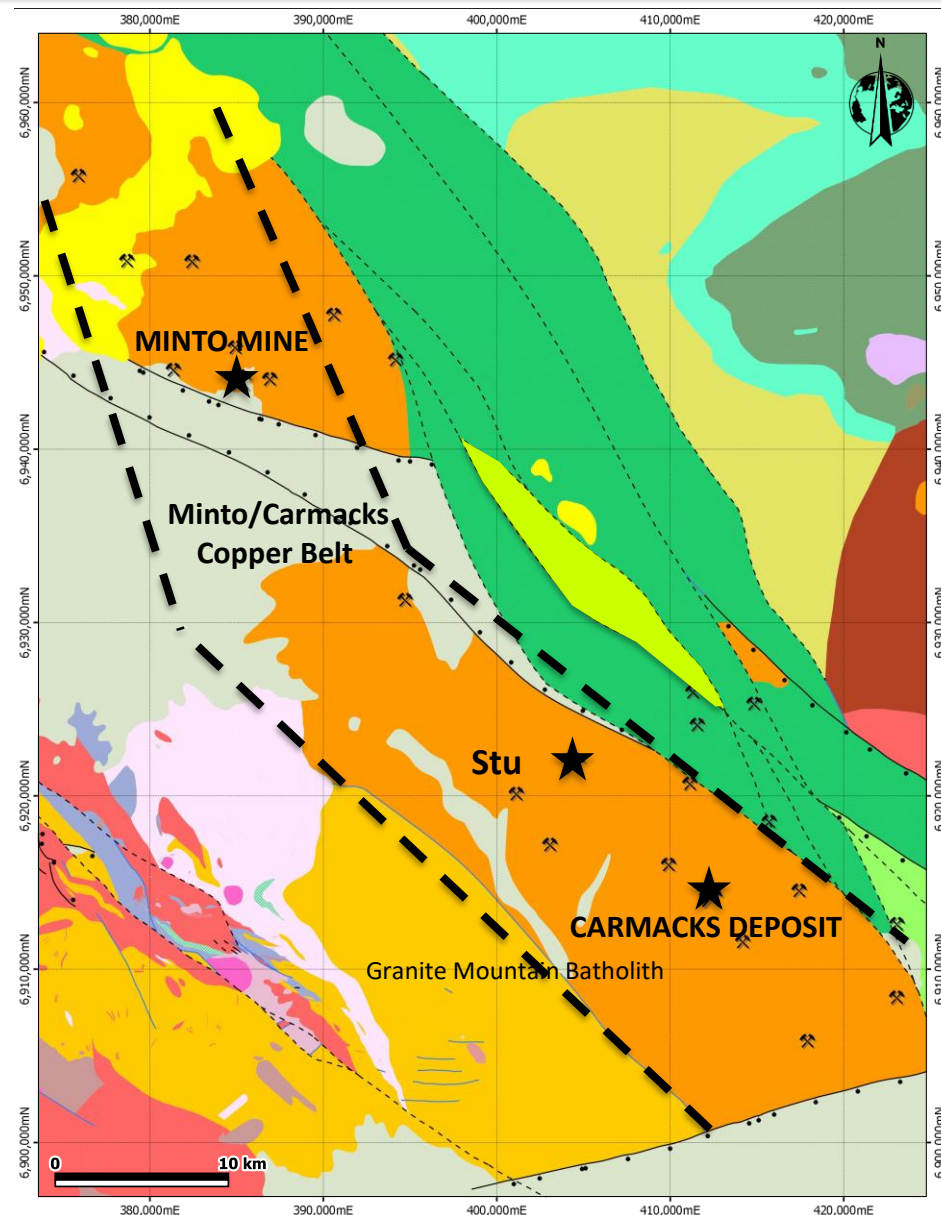
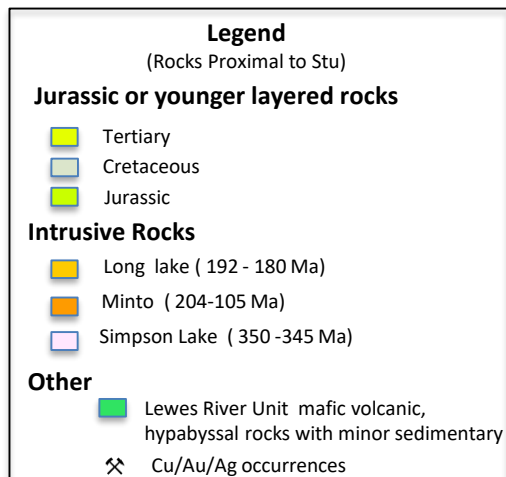






## Minto Copper Belt:

- 180km long by 60 km wide belt of intrusion hosted Cu-Au-Ag deposits in the Dawson Range.
- Host to the Minto Mine acquired by Pembrige Resources in June 2019
- Also home to Copper North's advanced-stage Carmacks Copper Project with 2016 PEA
- Stu property copper mineralization is contained in the foliated to gneissic granodiorite, similar to the Minto and Carmacks copper deposits.





# Minto Mine and Carmacks Deposit:

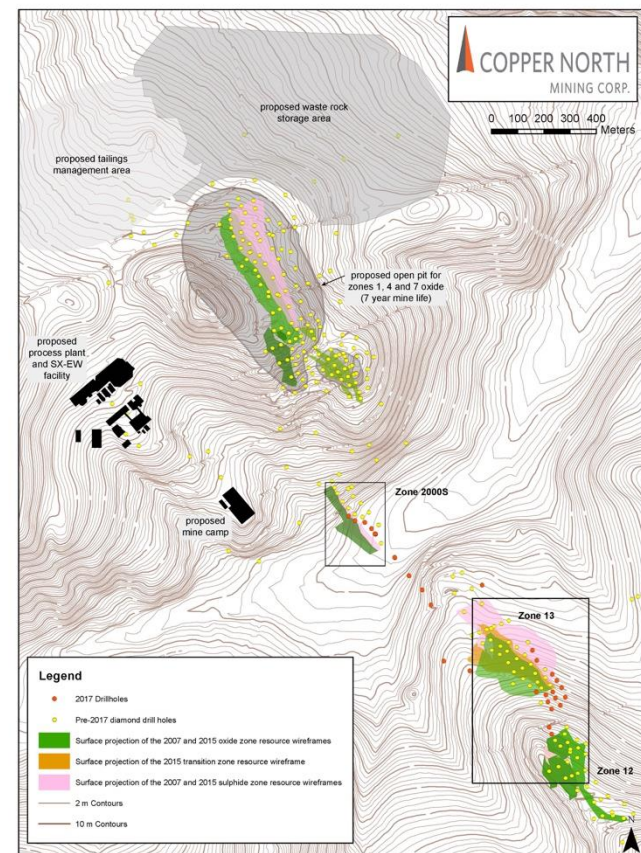


Minto Mine					
Resources and Reserves *					
	Tonnes (M)	Cu %	Au g/t	Ag g/t	CuEq % **
P&P	3.40	1.66	0.60	5.00	2.06
M&I	16.50	1.42	0.55	4.70	1.79
Total	19.90	1.46	0.56	4.75	1.84

Contained Metal		
Mlbs Cu	Moz Au	Moz Ag
124	0.07	0.55
517	0.29	2.49
641	0.36	3.04

\* Source: Minto Mine Competent Persons Report, prepared by Garth Kirkham and Aurora Geosciences, April 2018 on behalf of Pembridge Resources.

\*\* Copper equivalent grades are based on metal prices of: copper US\$3.00/lb, gold US\$1250 per oz and silver US\$16. per oz. Metal recoveries have not been applied in the copper equivalent calculation. The copper equivalent calculation is as follows;  $CuEq = Cu\ grade + (Au\ grade \times Au\ price + Ag\ grade \times Au\ price) / (22.0462 \times 31.1035 \times Cu\ price)$



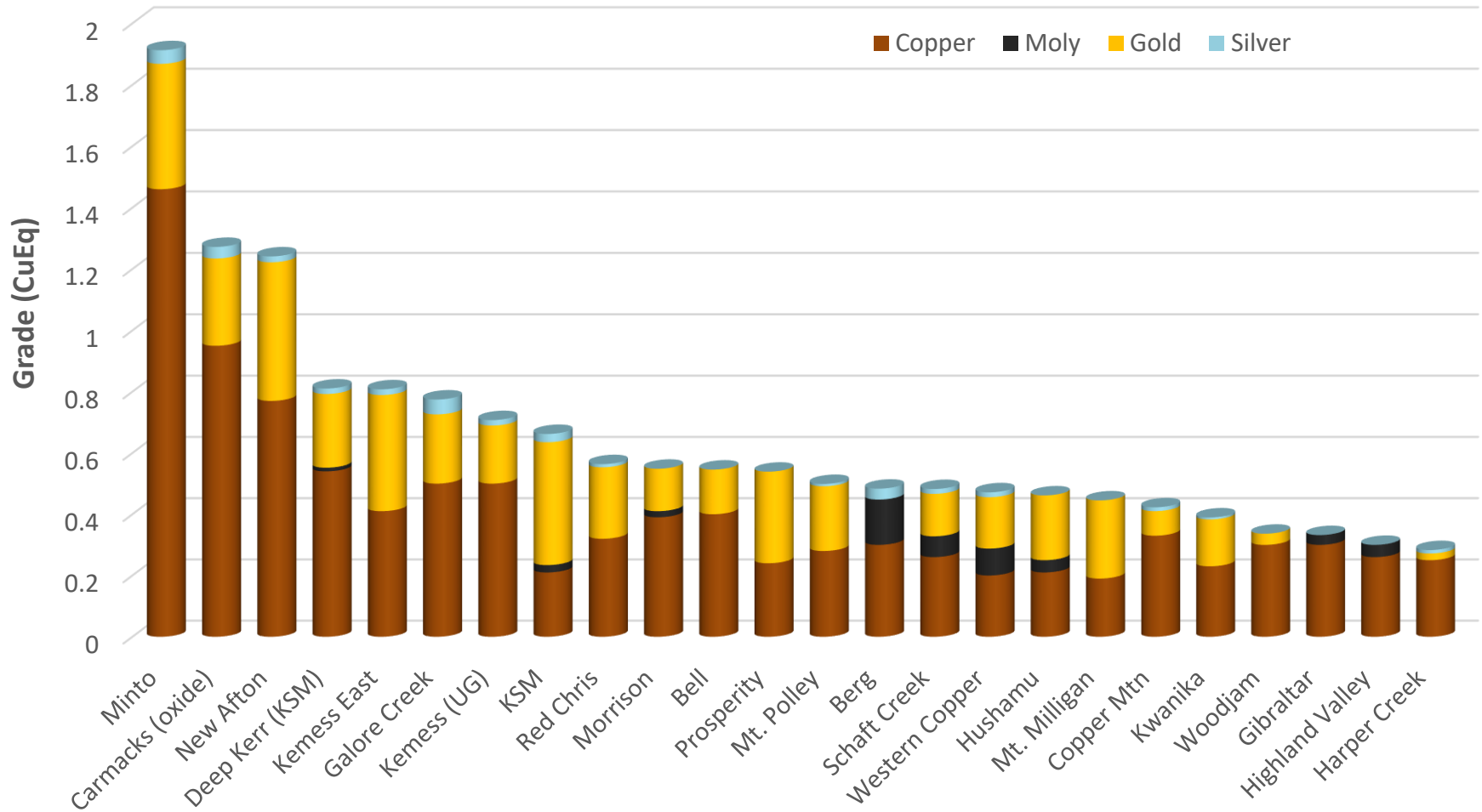
Carmacks Project *					
Resources					
	Tonnes (M)	Cu %	Au g/t	Ag g/t	CuEq % **
M&I Oxide	15.69	0.94	0.38	3.97	1.20
M&I Sulphide	8.07	0.68	0.18	2.33	0.81
Total	23.76	0.85	0.31	3.41	1.07

Contained Metal		
Mlbs Cu	Moz Au	Moz Ag
325	0.191	2.0
121	0.046	0.6
446	0.237	2.6

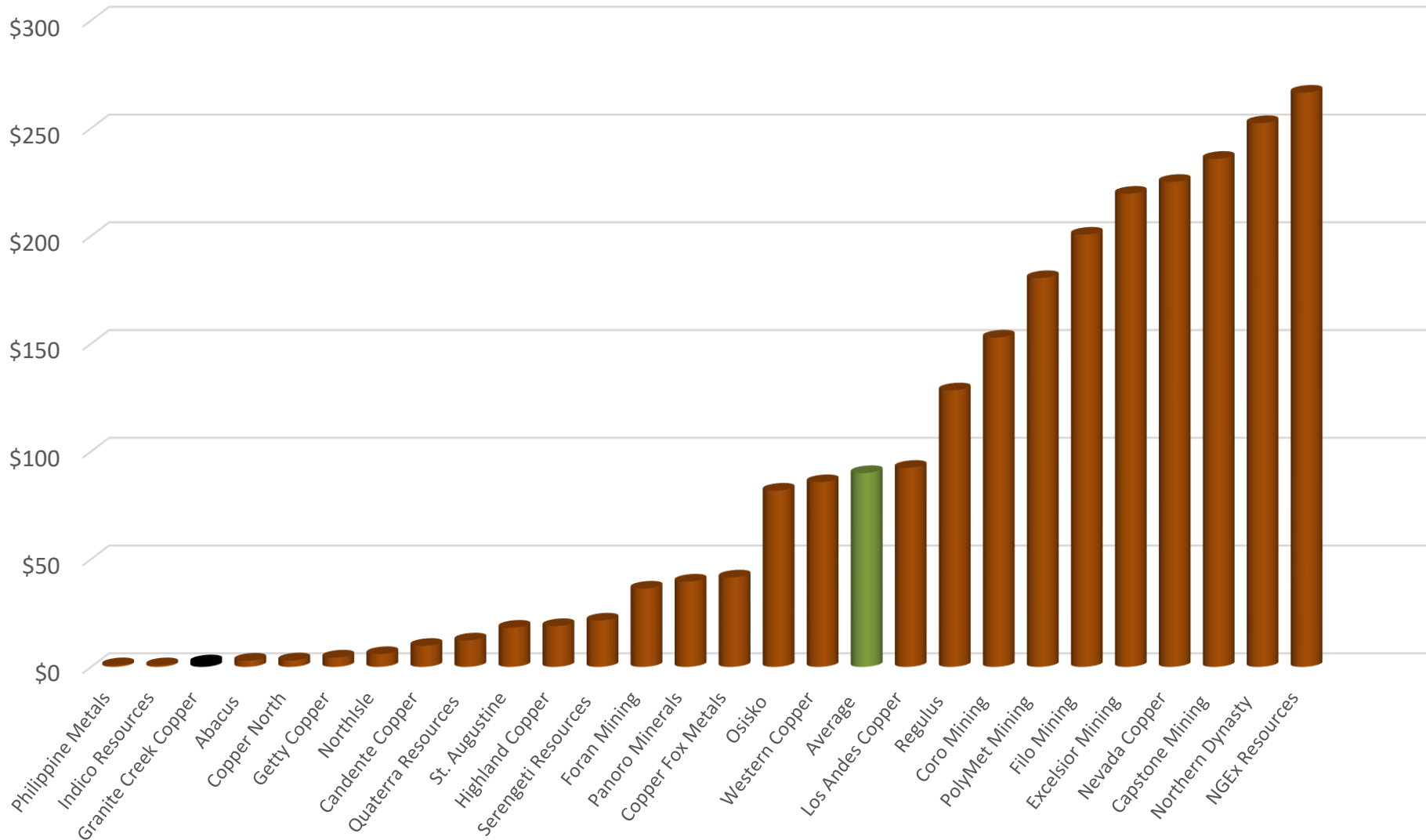
\* Source: NI 43-101 PEA Technical Report on The Carmacks Project, November 25, 2016 on behalf of Copper North Mining

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## Western Canadian Copper Mine Grade Comparison:



## Global Non-Producers by Market Cap:



## **Next Steps:**

### **Near Term – next 3-6 months**

- 2019 field season to complete multi-element soil surveys, geological mapping and an Induced Polarity (IP) survey
- Continue to compile all historical data into 3D digital data base and begin target development and refinement work.
- Evaluate condition of the old core to determine if any re-assay or re-logging is warranted.
- Continue multi-year permitting process for 2019-2024 to support exploration drilling and trenching program.
- Complete multi-element soil program building on existing database of largely copper only soils.

### **2020 Field program**

- Infill airborne geophysical program targeting areas of reduced coverage.
- Re-establish exploration camp.
- Extend and rejuvenate existing trenches.
- Discovery-focused drill program following up on historic drilling and new targets.

## Leadership Team:

### **Timothy Johnson - President & CEO**

- Mr. Timothy Johnson has over 25 years experience in the mineral exploration industry ranging from grassroots prospecting to consulting company operation and public company management. Mr. Johnson is also a director and CEO of International Cobalt (CSE:CO).

### **Michael Rowley - Director**

- Mr. Michael Rowley has over 25 years executive experience in the exploration, mineral processing, and mine environmental industries. Mr. Rowley is also President and CEO of Group Ten Metals (TSX.V:PGE), a Director of Bravada Gold (TSX.V:BVA), and an officer of Sierra Mountain Minerals.

### **François Lalonde - Director**

- Mr. Lalonde holds a B.Sc. in Civil Engineering from Concordia University in Montreal and has been a member of the Order of Engineers of Quebec since 1984. He has in-depth knowledge of markets in Canada, United States, Middle East and Africa, where he most notably participated in large-scale energy, motorway and other infrastructure development projects. Mr. Lalonde is also a director of Stellar AfricaGold (TSXV: SPX), and was formerly a director of Algold Resources Ltd. (TSXV: ALG).

### **John Cumming - Director**

- Mr. Cumming is a corporate, securities and mining lawyer with over 40 years in the Canadian securities markets and resource exploration sector. He was the Senior Securities & Mining Law Partner at a Vancouver law firm until 1992, and was a founding shareholder of St. Philips Resources Inc. which, in Joint Venture with the Hunter Dickinson Group, discovered the Kemess Gold Copper Mine. Both JV companies were sold in 1996 in a \$200 million take-over bid. Mr. Cumming was formerly VP & CFO of Merrex Gold where he was lead negotiator on earn-in option and JV deal with IAMGOLD, by whom Merrex was ultimately purchased.

### **Tim Thiessen - Chief Financial Officer**

- Mr. Thiessen is a member of the Chartered Professional Accountants of Canada with over 20 years of international accounting and finance experience, the last 15 years in the mining industry. His experience includes holding the position of CFO with Aurcana Corporation, SnipGold Corp. (acquired by Seabridge Gold in 2016), Metallic Minerals Group Ten Metals and Foran Mining. Prior to this, Mr. Thiessen spent 7 years as Vice President of Finance for TSX-listed Endeavour Financial, an advisory firm in the mining industry specializing in mergers and acquisitions and debt and equity financings. Mr. Thiessen was part of a team that spawned industry-leading companies such as Silver Wheaton, UrAsia Energy, Peak Gold and Coastal Energy Corp.

### **Nikolett Kovacs - Technical Advisor**

- Ms. Nikolett Kovacs currently manages Pembridge Resources' exploration programs at the Minto mine in Yukon with a view to discovering new mineralized areas to extend the overall mine life. She has spent the last four years of her professional career researching and developing new insights into the exploration potential of migmatized copper-gold porphyry systems, particularly within the Carmacks Copper District. Ms. Kovacs has extensive Yukon experience including working as a geologist with Banyan Gold Corp., Copper North Mining Corp., Archer, Cathro & Associates, Anthill Resources, and the Yukon Geological Survey. Ms. Kovacs holds an MSc in Geological Science from the University of British Columbia and a BSc (Hons) in Earth Sciences from Memorial University.

### **Douglas Warkentin - Technical Advisor**

- Mr. Douglas Warkentin is a Metallurgical and Process Development Consultant with over 30 years' experience in the mining and mineral processing industries. Currently Senior Metallurgist at Kemetco Research Inc. in Richmond, British Columbia, he has conducted mineral processing, hydrometallurgy, minewater treatment and resource recovery on a broad array of base, precious and high-tech metals projects for Canadian and international clients.

## Exploration Team:

Granite Creek has engaged TruePoint Exploration to complete all work on the Stu project including compilation, modeling and field work.

### TruePoint staff include:

#### Scott Petsel P.Geol

- Mr. Petsel has over 28 years of experience in global exploration, mine geology, project management and advancement including, former Project Mgr, Ambler & Bornite projects, NovaCopper (now Trilogy Metals), Exploration Mgr, Galore Creek project and Sr Geologist, Donlin Gold project, NovaGold as well as Sr Exploration positions with Placer Dome (now Barrick) & Echo Bay (now Kinross) in North America and internationally

#### Debbie James P.Geol

- Ms. James has worked the bulk of her career in the Pacific Northwest on a variety of deposit types with 12 years of specific experience in the Yukon. Her work in the Yukon has led to a strong understanding of permitting requirements as well as environmental, First Nation and community. As author of the companies Ni 43-101 on the Stu Project as well supervising previous programs on the property she has extensive knowledge about mineralization and geology on the property.

#### Lauren Blackburn P.Geol

- Ms. Blackburn has over 13 years of work experience in the Yukon through stints with the Yukon Geologic Survey, junior exploration companies and exploration service providers. Lauren has a vast understanding of Yukon geology and permitting requirements as well as environmental, First Nation and community considerations combined with her vast network of contractors, government officials and explorations.

#### Stuart Morris, P.Geol, RPG

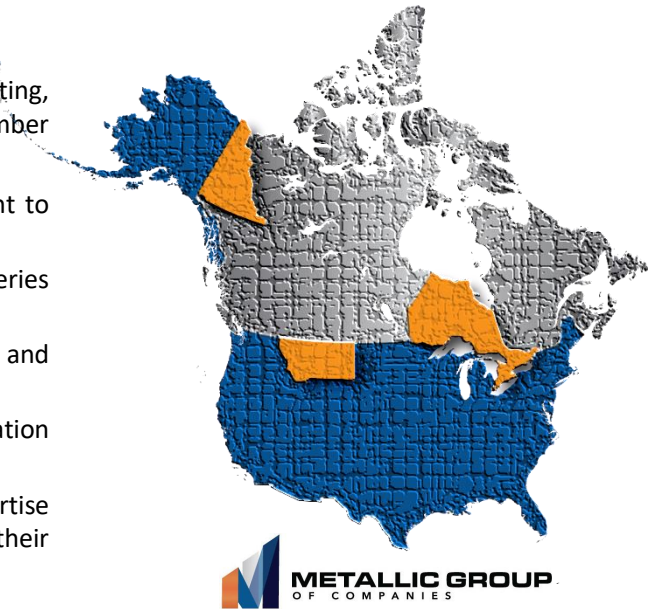
- Mr. Morris has extensive experience in exploration and mine geology working in precious, base metals mineral deposits, specifically with epithermal polymetallic vein deposits, porphyry copper, Canadian shield gold and Bushed Ni-Pd-Cu and volcanic massive sulfide (VMS) systems. His previous experience has included various positions with NovaGold and NovaCopper, Vice President of Exploration for Spanish Mountain Gold and Chief Geologist of the Campbell Mine for Placer Dome. Stuart Has also been employed as an associate consultant for AMEC.

# THE METALLIC GROUP OF COMPANIES

## The Metallic Group Philosophy and Approach to Business

To leverage our combined decades of experience in successful mineral exploration, project permitting, community relations, project finance, and capital markets to create shareholder value for member companies by executing the following value creating strategies:

- Strategically acquire large, brownfields land packages in highly prospective mining districts adjacent to established operating mines during the low parts of the metal price cycle;
- Apply a systematic approach to exploration focused on large-scale deposits to facilitate new discoveries and rapid advancement of resources in these proven brownfields districts;
- Focus on areas with existing infrastructure and shallow deposits that allow for reduced capital and operating costs along with rapid development timelines;
- Lead these initiatives with dedicated management teams that have proven track records of exploration and project development success in their target metals of focus;
- Metallic Group companies utilize shared resources for cost efficiency and specialized technical expertise with experienced corporate governance and management oversight which have been recognized for their environmental stewardship and community engagement.



Metallic Minerals is a leading explorer for high-grade silver and gold in Canada’s Yukon Territory. The company’s core Keno Silver Project is located in the historic, high-grade Keno Hill silver district, a region which has produced over 200 million ounces of silver and currently hosts one of the world’s highest-grade silver resources at the adjacent Alexco Resources mines. Metallic Minerals is also building a portfolio of producing gold royalties in the Yukon’s prolific Klondike Gold District.



Group Ten Metals is a leading explorer for platinum, palladium, nickel, copper and gold deposits in North America. The Company’s holdings include its flagship Stillwater West PGE-Ni-Cu project adjacent to Sibanye-Stillwater’s high-grade Pd-Pt mines in Montana, the Black Lake-Drayton Gold project in the Rainy River district of Ontario. And the Kluane PGE-Ni-Cu project adjacent to Nickel Creek Platinum’s Wellgreen deposit in the Yukon Territory.



Granite Creek is a copper-focused exploration company advancing Stu Copper Project located in the Yukon’s high-grade Minto Copper District adjacent to Pembridge Resources’ high-grade Minto Cu-Au-Ag mine and Copper North’s Carmacks Cu-Au-Ag Project.

## Share Structure and Contact Information

Share Structure	
Issued & Outstanding	35,783,372
Options (\$0.15)	2,944,700
Warrants (\$0.15 – expiry 2022)	3,000,000
Warrants (\$0.20 – expiry 2022)	24,000,000
Warrants (\$0.20 – expiry 2022)	2,941,176
Fully Diluted	68,669,248

Insiders & Close Associates hold ~40%

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