



November 2018

TSX.V: MMG | OTC: MMNGF

## HIGH-GRADE SILVER, LEAD AND ZINC IN CANADA'S YUKON TERRITORY

<sup>47</sup>  
**Ag**  
Silver 107.86

<sup>30</sup>  
**Zn**  
Zinc 65.38

<sup>82</sup>  
**Pb**  
Lead 207.2

<sup>79</sup>  
**Au**  
Gold 196.96



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# LEGAL STATEMENT



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Some statements contained in this presentation are forward-looking and, therefore, involve uncertainties or risks that could cause actual results to differ materially. Such forward-looking statements include among other things, comments regarding mining and milling operations, mineral resource statements and exploration program performance. They may also include statements with respect to the Company's mineral discoveries, plans, outlook and business strategy. The words "may", "would", "could", "should", "will", "likely", "expect," "anticipate," "intend", "estimate", "plan", "forecast", "project" and "believe" or other similar words and phrases are intended to identify forward-looking information.

Factors that could cause actual results to differ materially include, but are not limited to, metal price volatility, economic and political events affecting metal supply and demand, fluctuations in mineralization grade, geological, technical, mining or processing problems, exploration programs and future results of exploration programs, future profitability and production, the ability to raise sufficient capital to fund exploration, litigation, legislative, environmental and other judicial, regulatory, political and competitive developments; technological or operational difficulties or inability to obtain permits encountered in connection with exploration activities; and labour relations matters.

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Scott Petsel, P.Geo, is the Qualified Person under NI 43-101 who has reviewed and approved the technical information contained in this presentation



# METALLIC MINERALS FUNDAMENTALS

A leading Yukon focused silver exploration company



- Highly-experienced team with a track record of major discoveries and exploration success
- Metallic has consolidated the second largest land position in the high-grade Keno Silver District, which has over 300 million ozs historic production + current resources
- Multiple recent discoveries highlight the exploration potential for near surface deposits in the district
- Based on the past shallow depth of production, recent discoveries and prospective geology the Keno silver district shows the potential to ultimately host +1 billion ounces of silver
- Over past 18 months Metallic has moved from acquisition through inaugural field programs to new discoveries with the advancement of 3 targets to resource delineation stage, 6 targets to drill ready stage, and 20 early stage targets identified for assessment
- Exploration in 2018 focused on continued drill target development and testing along ten of the known mineralized trends traversing Metallic's holdings in the District
- Existing infrastructure in the district, very high grades and shallow deposits result in a low capex / high IRR development potential and opportunity for rapid advancement to production
- Metallic has been operating since mid-2016 and is one of only a few, low political risk silver exploration companies
- The fundamentals for silver and gold are compelling, with low valuations following a 7 year bear market and the first leg of a new bull market paving the way for a multi-year bull run
- Metallic is also developing a production royalty portfolio in the famous Klondike Gold District, which has produced over 20 million ounces of alluvial gold

# METALLIC MINERALS CORP.

Creating Value Through Vision and Experience

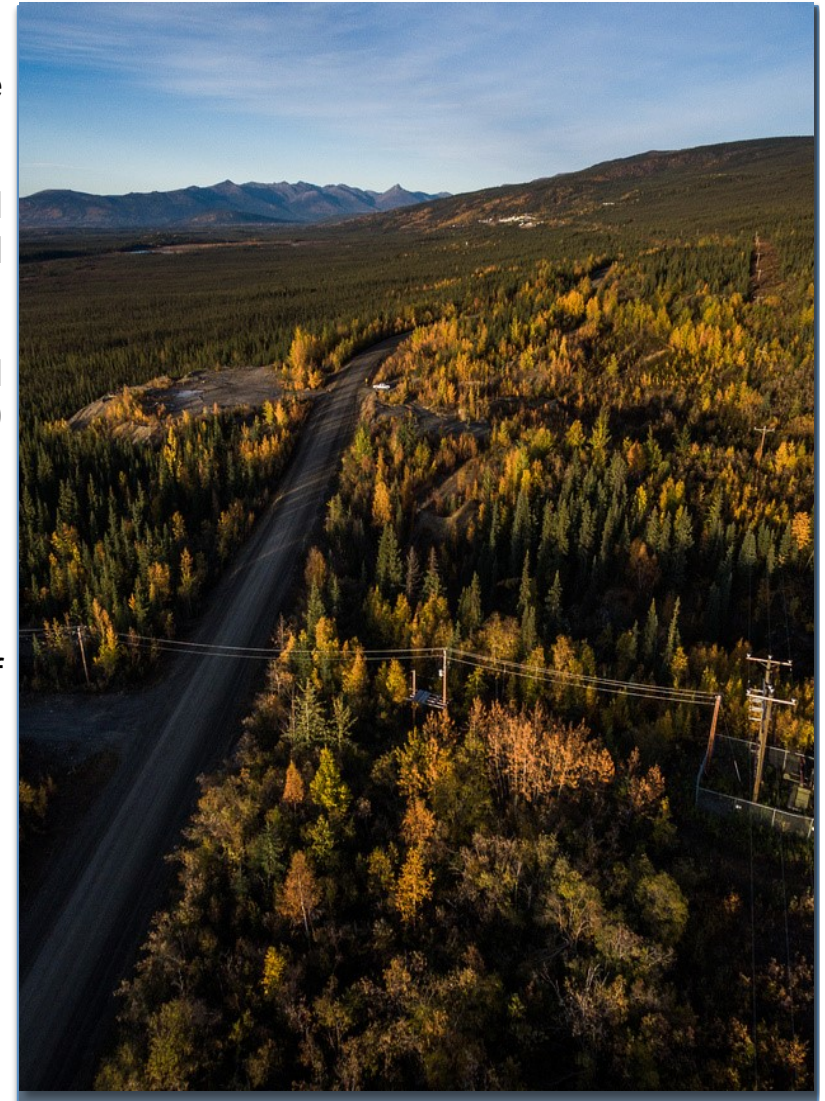


## COMPANY AND TEAM OVERVIEW

Focused on high-grade silver in underexplored districts of the Yukon with the potential to produce top-tier assets.

Objective to create value through a systematic, entrepreneurial approach to exploration, reducing investment risk and maximizing probability of long-term success.

- Board and Management with extensive experience in global exploration and mining business, collectively raised over \$650 million in project financing
- Former members of successful teams at NovaGold, Wellgreen, Northern Freegold and Viceroy
- Credited with the discovery or expansion and advancement of major precious and base metal deposits in the region:
  - Donlin Creek, Alaska: M&I 40 Moz Au
  - Galore Creek, BC: M&I 9 B lbs Cu, 5 Moz Au & 100 Moz Ag
  - Wellgreen, Yukon: M&I 6 Moz PGM+Au, 3 B lbs Ni+Cu
- Recipients of Yukon Government awards for excellence in environmental stewardship





# MANAGEMENT TEAM & BOARD OF DIRECTORS



## **Greg Johnson – Chief Executive Officer & Board Chairman**

- 30 years experience in exploration, development and financing of large scale mining projects
- Broad capital markets experience, raising over \$650 million in project financing
- Co-founder of NovaGold, former President & CEO of Wellgreen Platinum and South American Silver
- Exploration Manager Placer Dome (now Barrick Gold)
- Co-Credited with discovery or expansion and advancement of major precious and base metal deposits in the region

## **Gregor Hamilton – Director**

- Over 20 years of mining sector experience in investment banking, corporate finance and geology
- Capital markets expertise and global finance contacts for mining, M&A and corporate strategy
- Successful entrepreneur in mining, technology and agribusiness in Canada and South America

## **Bill Harris – Director**

- President and CEO of Midnight Mining
- Founder and former Executive of Northern Freegold
- Lifelong Yukoner, prospector and mining entrepreneur

## **Stephen Pearce, LLB – Director**

- Practicing corporate and securities lawyer
- Director of Sable Resources, Golden Goliath, Centenara Mining, Ashburton Ventures and Wildflower Marijuana

## **Mathew Lee, CPA, CA – Chief Financial Officer**

- Broad financial experience in public and private company operations in mineral resources and financial services

## **Scott Petsel, PGeo – Vice President, Exploration**

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

## **Stuart Morris, P.Geo – Chief Geoscientist**

- Over 40 years industry experience, focus in high-grade vein systems including Campbell Red Lake and Sunnyside Mines
- Formerly with Placer Dome (now Barrick), Echo Bay (now Kinross), NovaGold and NovaCopper
- Former Chief Geologist, Campbell Red Lake Mine for Placer Dome and Sunnyside Mine for Echo Bay

## **Susan Craig – Sr Advisor, Govt. & Community Relations**

- Over 25 years experience on Yukon and BC based projects with permitting, First Nations and Government relations
- Current Director of Yukon Energy Corporation, Yukon Mineral Advisory Board and President of Yukon Chamber of Mines

## **Chris Ackerman, LLB – Sr. Mgr Corp Communications & IR**

- Corp. Comms / IR – Group Ten Metals
- Former Sr. Business Development Advisor – Yukon Gov't

# METALLIC MINERALS CORP.

## Projects Overview



### McKay Hill Project – 45km<sup>2</sup>, 100% owned (Ag, Au, Zn, Pb, Cu)

- Emerging district scale system similar to Keno District;
- Historic high-grade Ag-Pb producer, 16 vein structures identified
- Surface sampling returned grades up to 988 g/t Silver and 24.4 g/t gold

### Keno Silver Project – 166km<sup>2</sup>, 100% owned (Ag, Zn, Pb)

- Historically important district with >200 Moz. of high-grade silver production from 40 mines
- Adjacent to Alexco Resource Corp., one of the world's highest grade silver resources
- Keno Silver Project saw historic production from 8 mines, including 5 with average recovered grades above 5,000 g/t silver
- Minimal modern exploration due to historical fragmented, private land ownership
- Excellent infrastructure with a regional mill, existing highway, deep sea port and grid power
- 9 advanced targets at drill expansion or testing phase with over 20 earlier stage targets

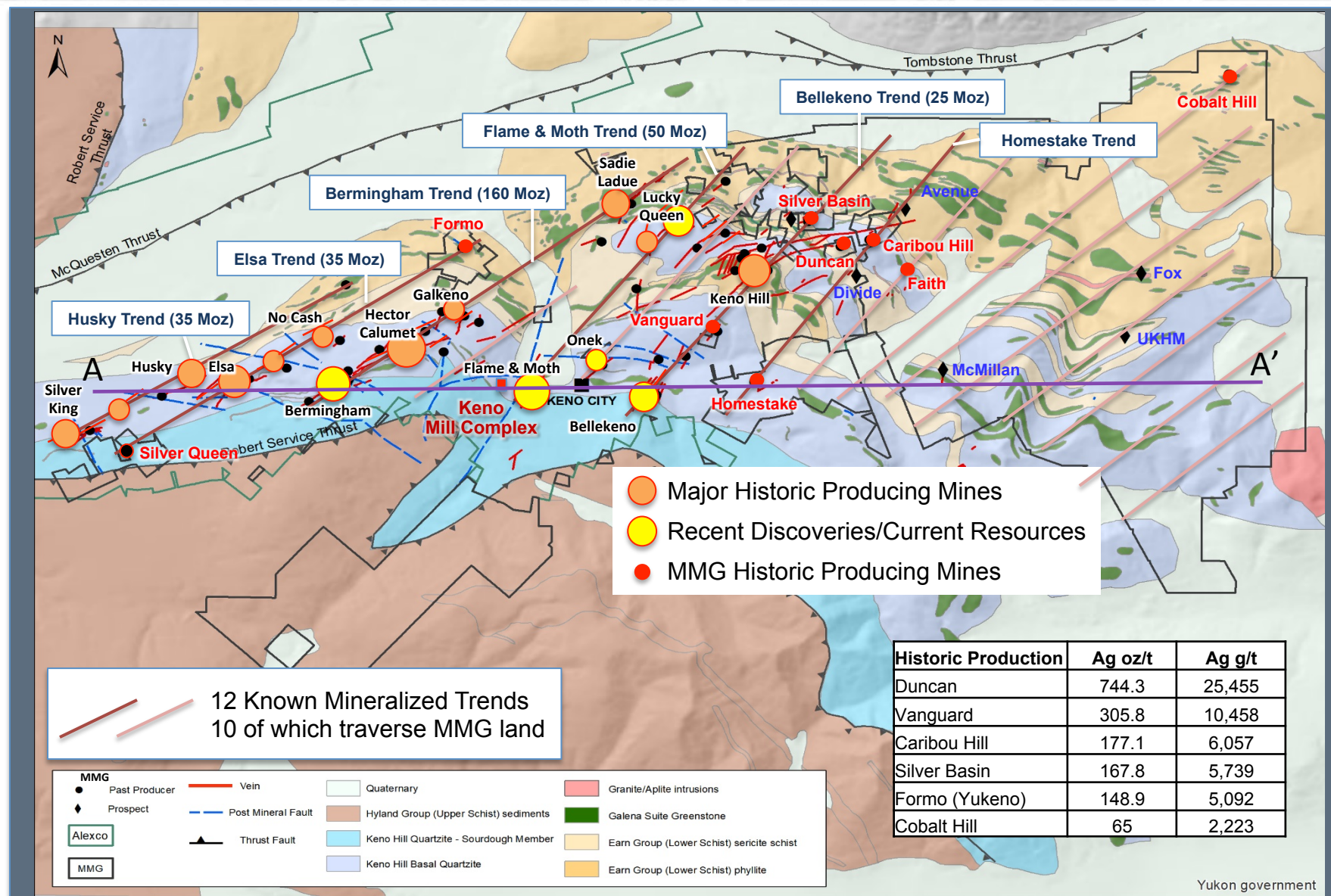
### Klondike Alluvial Gold Royalties

- 27 miles of creek & bench alluvial mining rights at two separate claims areas
- Building production royalty portfolio in Yukon's largest alluvial gold region
- 12-15% royalty agreements signed with experienced alluvial operators, with additional agreements pending



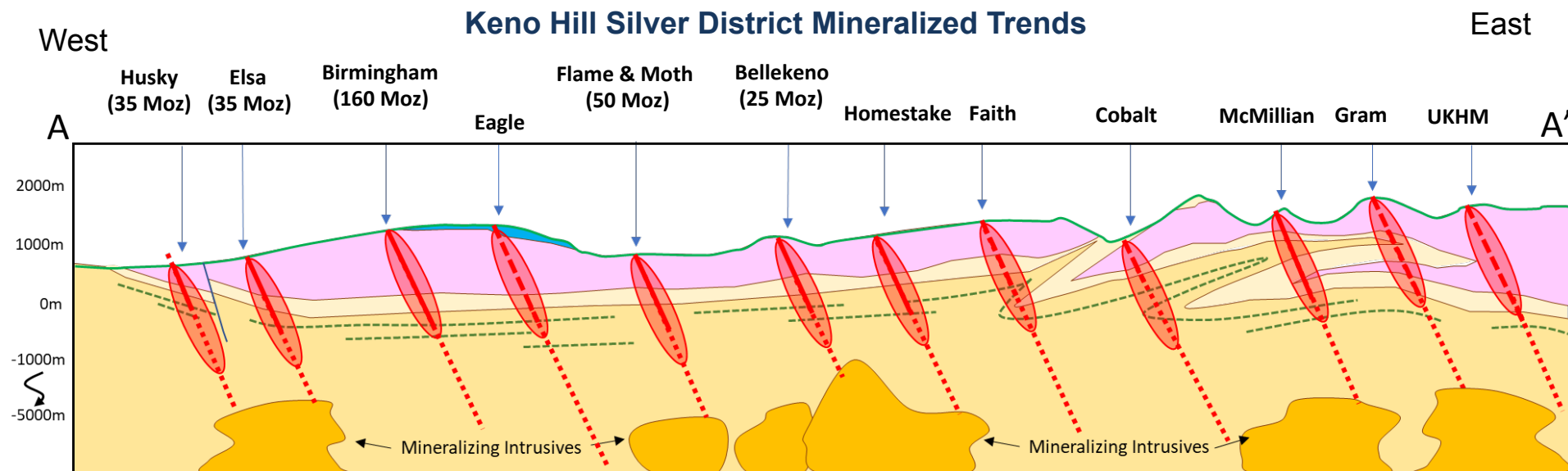
# KENO HILL SILVER DISTRICT GEOLOGY & DEPOSITS

Over 300 Million Ozs High-Grade Silver Production and Current Resources



# Keno Hill Silver District Schematic Cross Section

## Geology/Deposit View Across the District



- Major discoveries in the Keno Hill silver district demonstrates the potential for major new finds along trend and down dip from past producing mines in this prolific, historic district
- Lesser-explored parts of the district, particularly to the east, have similar geologic settings for potential new discoveries
- The deepest exploration and development in the Keno district is 300-400 m compared with over 3,000 m in the Coeur d'Alene district which has produced over 2 billion ounces of silver

### Legend

Mineralizing Intrusives	
<u>Keno Hill Quartzite</u>	
Sourdough Hill Member	
Basal Quartzite member	
<u>Earn Group</u>	
Quartzite Sericite schist	
Phyllites	
Triassic Greenstones	
Vein/Fault Corridors	

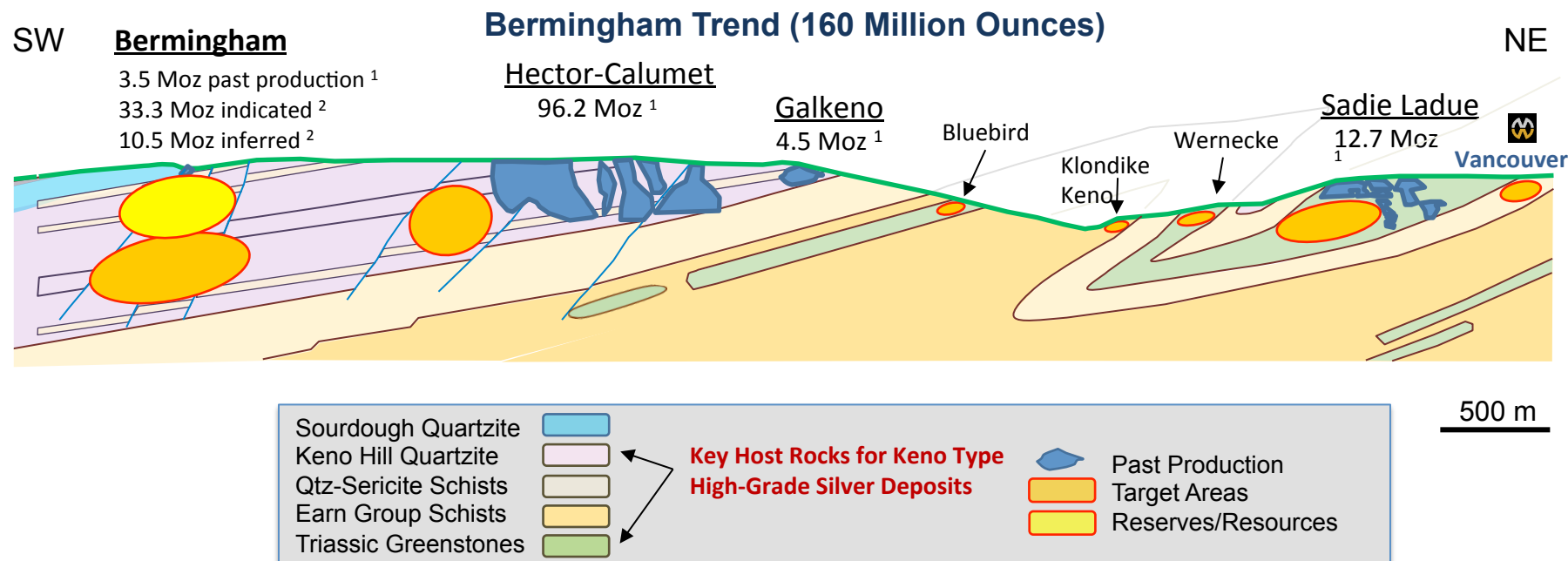
Modified from Alexco Resource Corp.

- Historic Production data from CATHRO, R.J., 2006. Great mining camps of Canada 1. The history and Geology of the Keno Hill Silver Camp, Yukon Territory, Geoscience Canada Volume 33
- Alexco News Release: Alexco Expands Birmingham Indicated Resource to 17 Million Ounces Silver, Remains Open (January 3, 2017).



# Keno Hill Silver District Schematic Section

## Geology/Deposit View Along Trend of Alexco's Bermingham Discovery



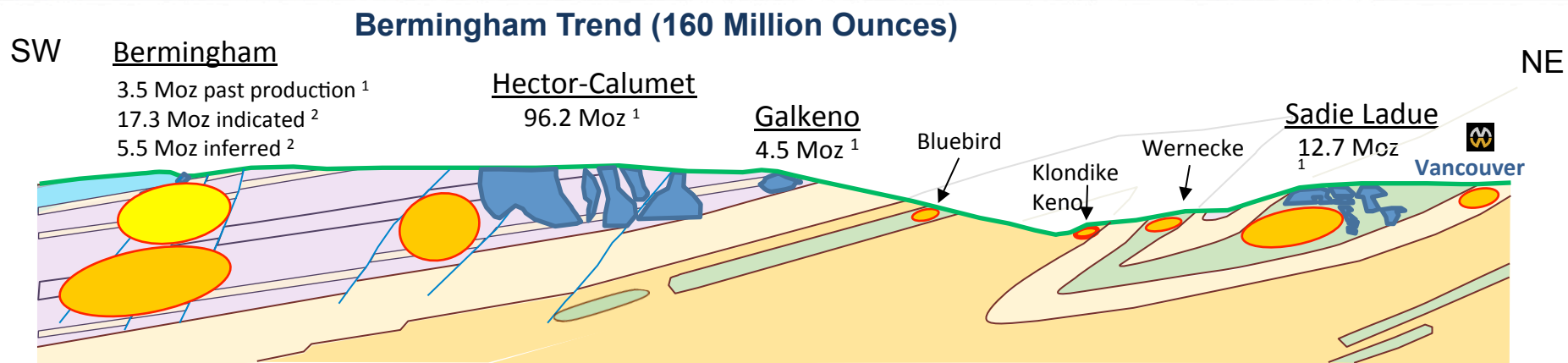
- **Bermingham** is a major new high-grade silver discovery by Alexco in the Keno Hill silver district
- Deposit remains open to expansion at depth and along trend, with direct shipping ore grades
- Discovery demonstrates the potential for major new finds along trend and down dip from past producing mines in this prolific, historic district
- Lesser-explored parts of the district, particularly to the east, have similar geologic settings for potential new discoveries

Modified from Alexco Resource Corp.

1. Historic Production data from CATHRO, R.J., 2006. Great mining camps of Canada 1. The history and Geology of the Keno Hill Silver Camp, Yukon Territory, Geoscience Canada Volume 33
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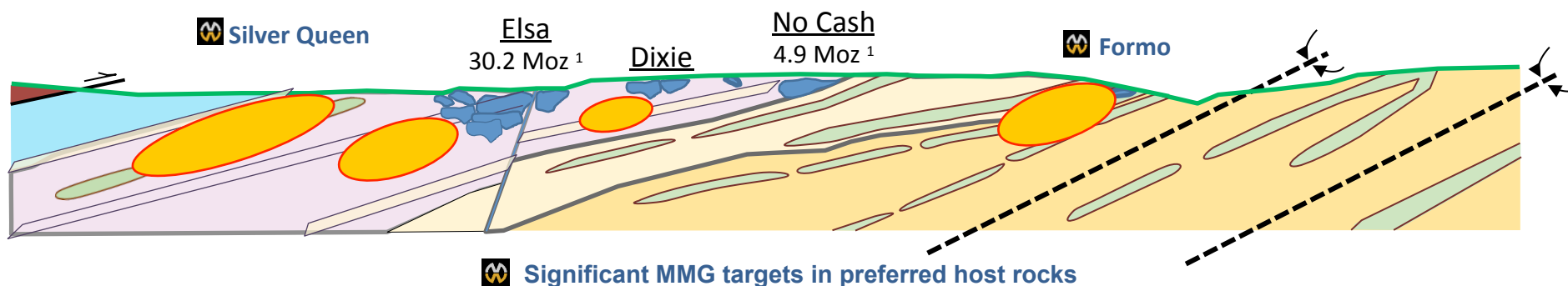
# Keno Hill Silver District Schematic Section

## Geology/Deposit View Along Bermingham Discovery and Elsa Trend



500 m

## Elsa Trend (35 Million Ounces)



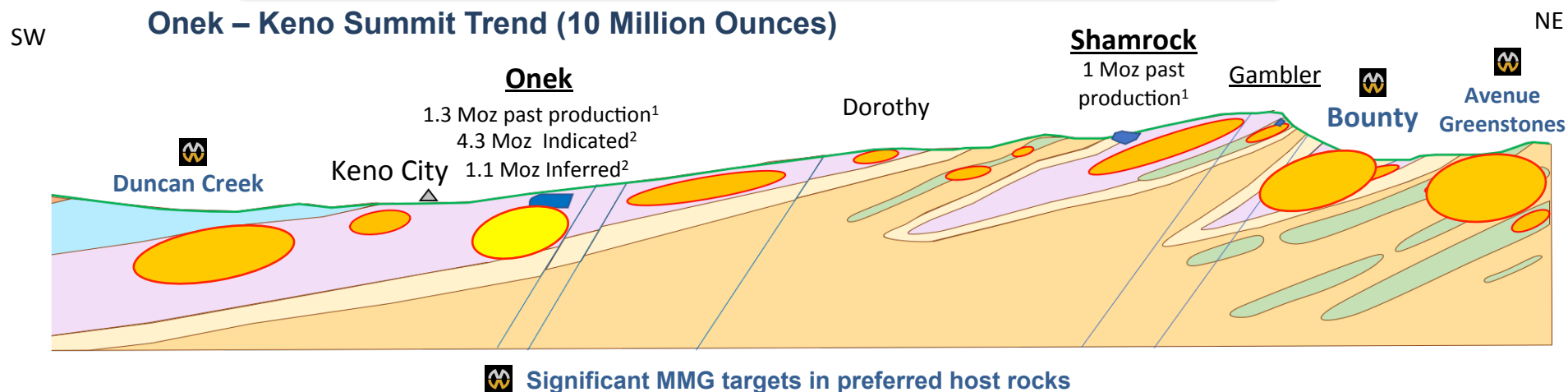
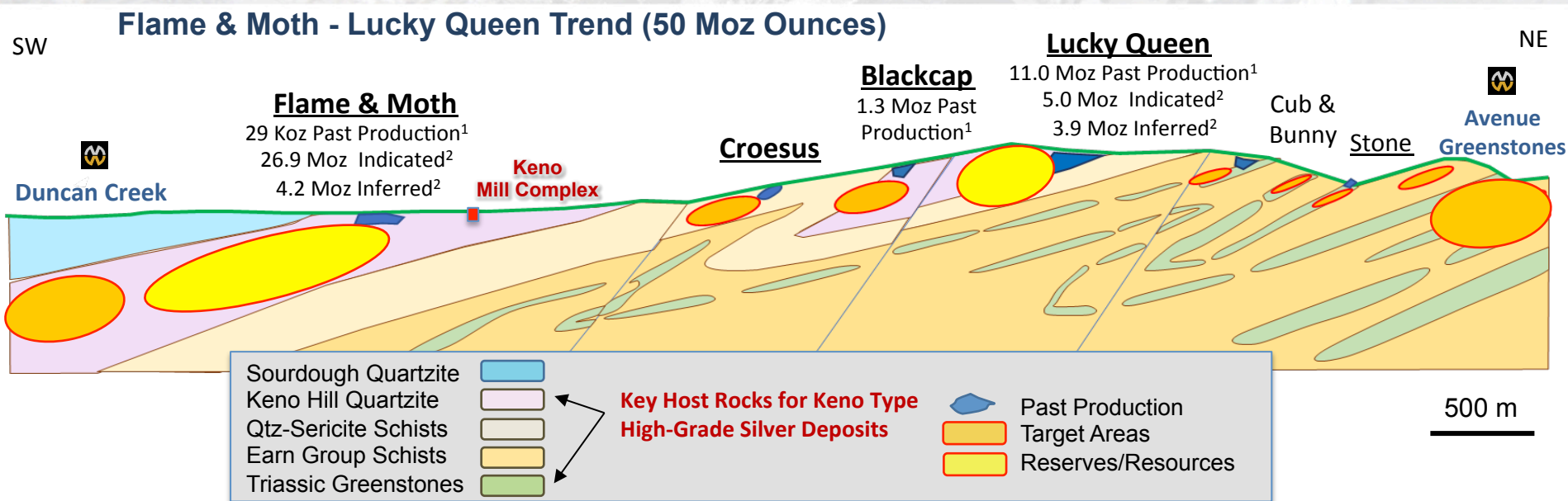
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# Keno Hill Silver District Schematic Sections

## Target Rich Environment for New Discoveries on Known Mineralized Trends

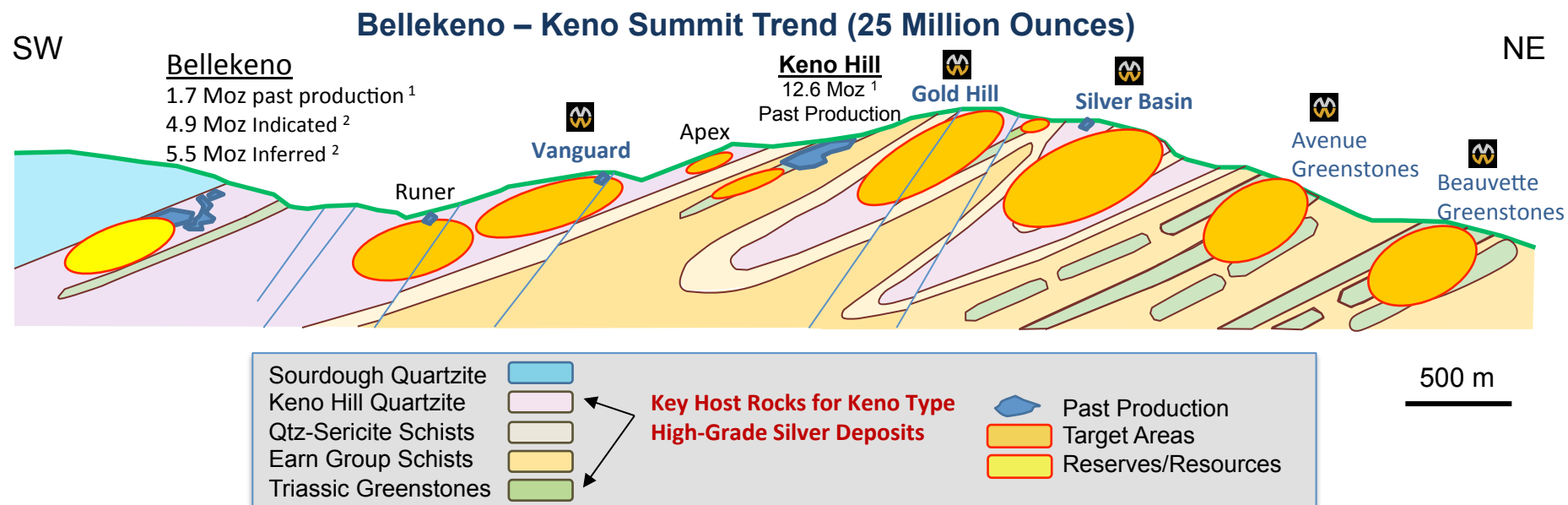


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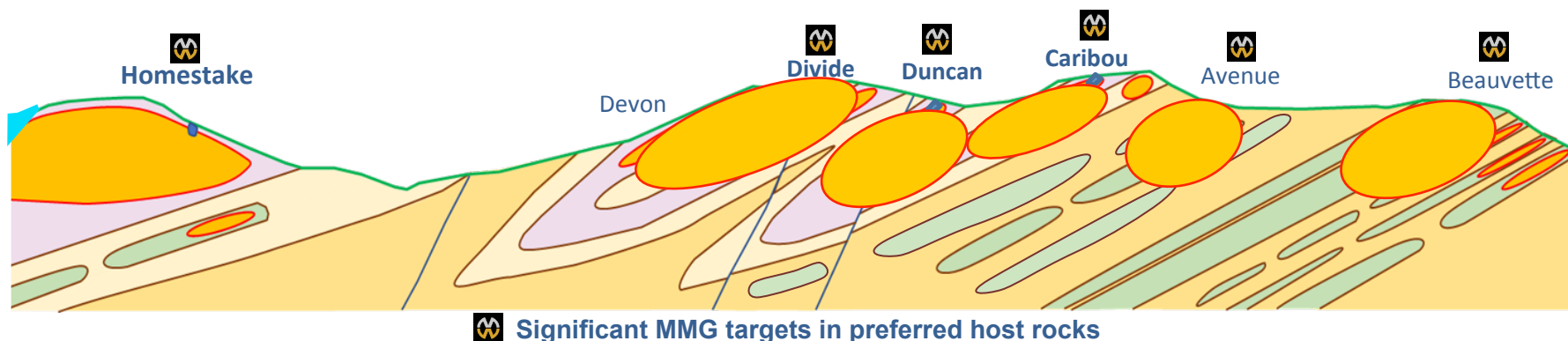
1. Historic Production data from CATHRO, R.J., 2006. Great mining camps of Canada 1. The history and Geology of the Keno Hill Silver Camp, Yukon Territory, Geoscience Canada Volume 33
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# Keno Hill Silver District Schematic Sections

## Target Rich Environment for New Discoveries on Known Mineralized Trends



### Homestake – Keno Summit Trend



Modified from Alexco Resource Corp.

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2. Alexco News Release: Alexco Expands Birmingham Indicated Resource to 17 Million Ounces Silver, Remains Open (January 3, 2017).



# KENO SILVER PROJECT – NEXT STEPS

2018 field season exploration underway



**Metallic Minerals is focused on identifying and rapidly advancing the most prospective targets toward resource definition**

**Focus on a combination of target development, refinement and step-out drill testing along ten of the known mineralized trends traversing Metallic Minerals' holdings in the District**

**Exploration at the Keno Silver Project will focus on three stages of targets as a priority:**

- **Resource Delineation-Stage Targets** – Continued step-out drilling on the identified 3 resource delineation stage targets - Caribou, Homestake and the recently acquired Formo deposit
- **Advanced Stage Surface Targets** – Continued target refinement and 1<sup>st</sup> stage drill testing at up to 6 advanced stage surface targets - Gold Hill, Bounty, Duncan, Silver Basin, Vanguard and Silver Queen
- **Early Stage Targets** – Follow up exploration work on 20 early stage targets - work to include detailed stratigraphic mapping, drone-based geophysics, soil sampling and trenching in the less explored eastern and southern parts of Keno district – with objective to advance to drill targeting stage

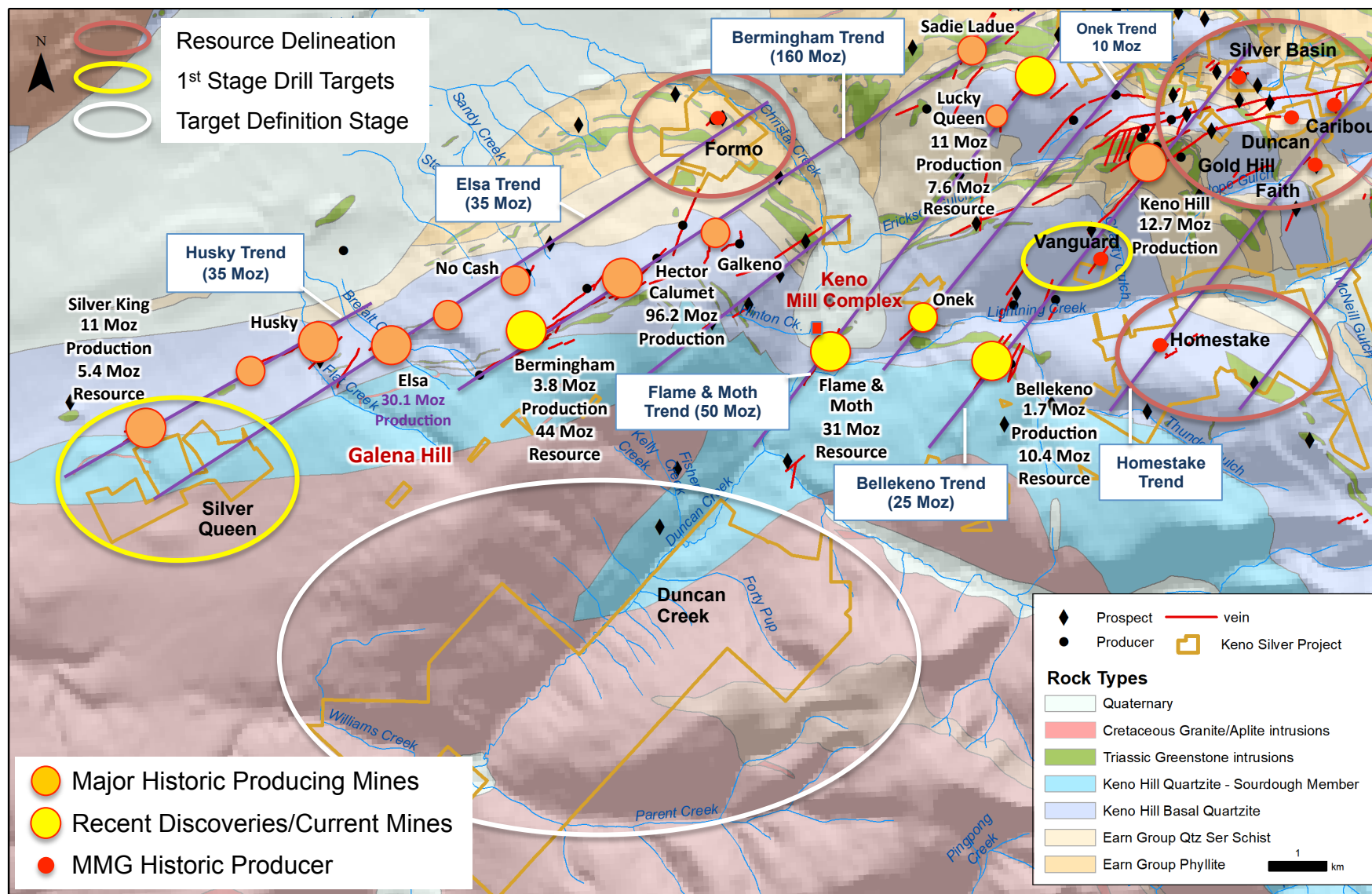
**Additional potential acquisitions in the district being reviewed**

**In 2018, the Company has completed follow-up exploration at the Keno Silver Project on its earlier stage and advanced stage surface targets, as well as diamond drilling at the Gold Hill, Caribou and Homestake targets, and is awaiting final permits for drilling on the Formo target**

**Drill core, rock and soil samples from this work continue to be sent to the lab for analysis**

# KENO SILVER PROJECT – PRIORITY TARGET AREAS

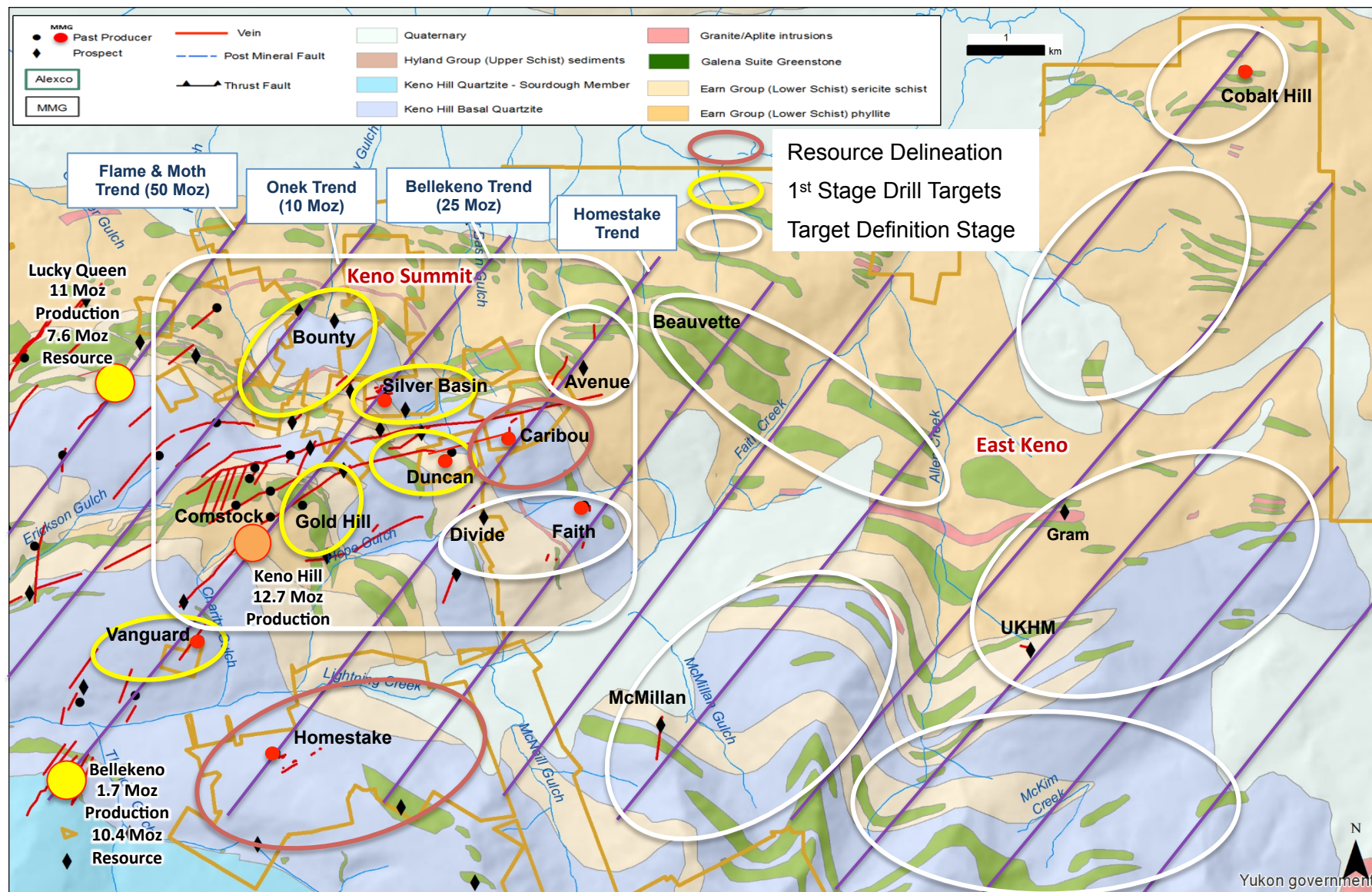
Western District – Priority for follow up in 2018





# KENO SILVER PROJECT – PRIORITY TARGET AREAS

Eastern District – Priorities for follow up in 2018





# KENO SILVER PROJECT – STRATEGIC OPTIONALITY

Opportunities for Rapid, Low Cost Brownfields Development



**Systematic exploration approach in a proven brownfields district increases probability of significant discoveries and rapid advancement to resource stage**

**Existing infrastructure and high-grade, shallow deposits allow for reduced capital and operating costs and rapid development timelines**

**Mine development infrastructure in place:**

- Existing road and highway access along Yukon highway 11 and 2
- Concentrate handling facilities in place at year-around ice free port in Skagway, Alaska
- Grid power station at Keno City from Yukon Energy Corp hydro facility on Mayo River
- Long history of mining in the Keno Silver District with support by First Nation and Regional Governments

**Several options for low cost development :**

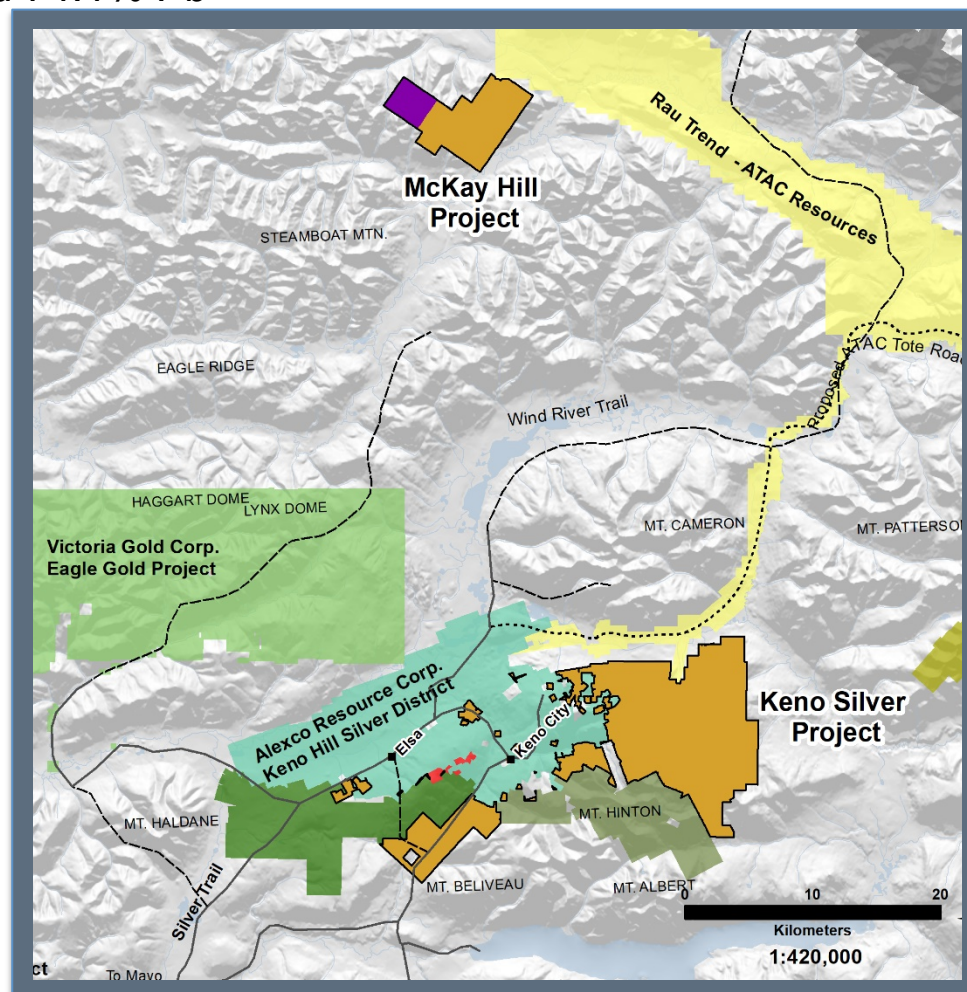
- Direct shipping of high-grade ore to smelters
- Toll milling ores at regional mills located in northern BC or Alaska
- Processing at Alexco Keno Hill mill on royalty or toll basis
- Construction of new stand alone operation with definition of sufficient resource size

# McKay Hill Property Overview

An emerging high-grade silver and gold district



- 50km north of the Keno Silver camp covering 44km<sup>2</sup>
- Historic high-grade underground production between 1948-1949 yielded 143 tonnes of high-grade material, grading 390.8 g/t Ag and 74.1% Pb
- Modern field work confirmed these historic high grades of silver, lead and zinc and demonstrated the presence of significant associated gold and copper
- 23 samples from 12 of the 16 known vein structures running greater than 300 g/t silver, which is the average reserve grade of global primary silver producers
- ATAC has received approval for tote road access route into the area
- Exploration program for 2018 focused on new target development and extension of known zones. Results pending.



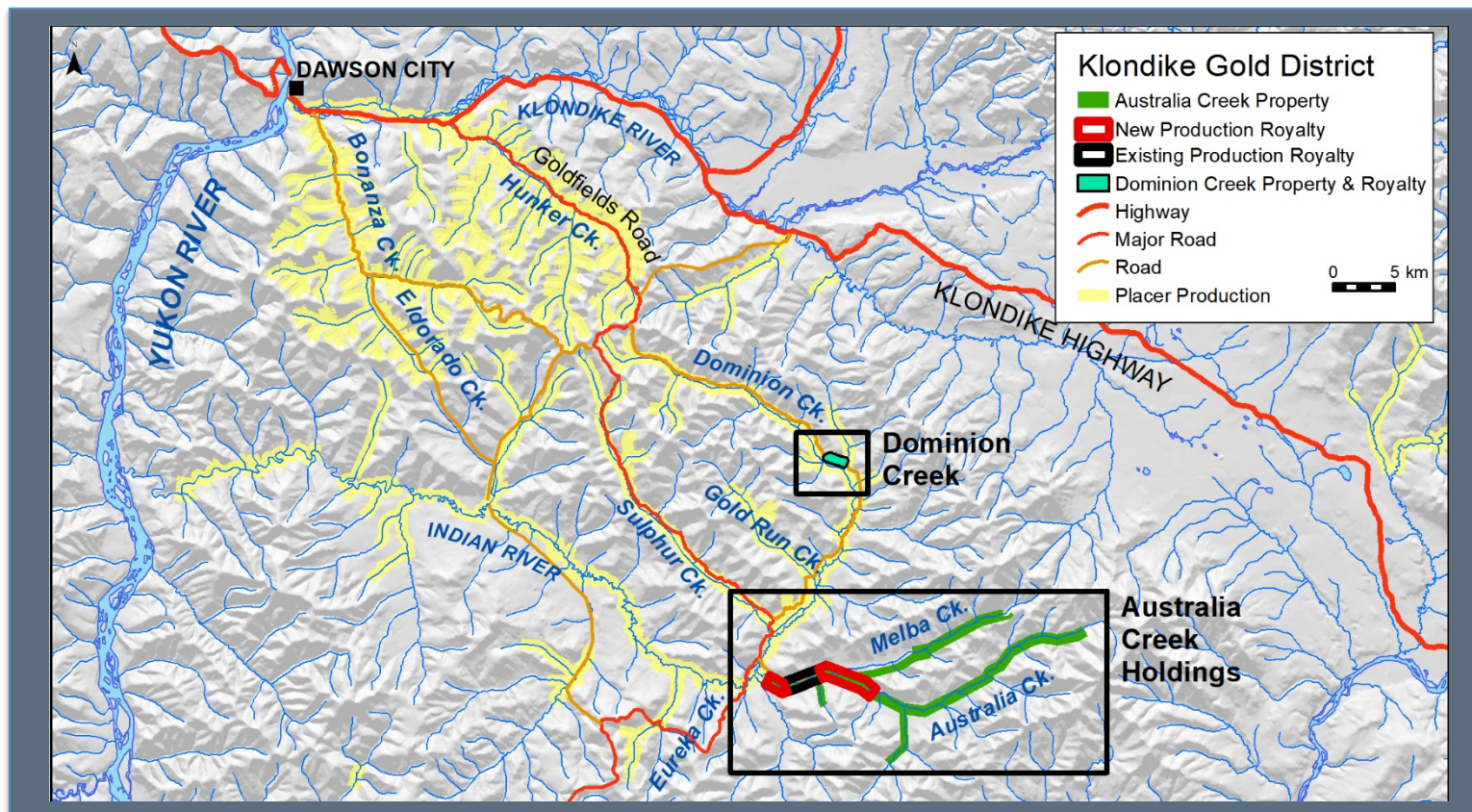


# KLONDIKE GOLD DISTRICT - PRODUCTION ROYALTIES

Road accessible and fully-permitted for alluvial gold production



- An estimated 20 million ounces of gold have been produced from the Klondike gold district since its discovery in 1898. Dominion and Australia Creek are tributaries of the Indian River, which is the largest producer in the Klondike with many larger-scale, open-pit operations producing nearly 50% of the placer gold in the Yukon
- Approximately 2.7 million ounces have been produced on Dominion Creek since its discovery, with mining on the main Indian River starting in the late 1970s and doubling since 2010 from larger scale operations
- Metallic holds 27 miles (43.5 km) of creek & bench mining rights along highly-productive Indian River drainage



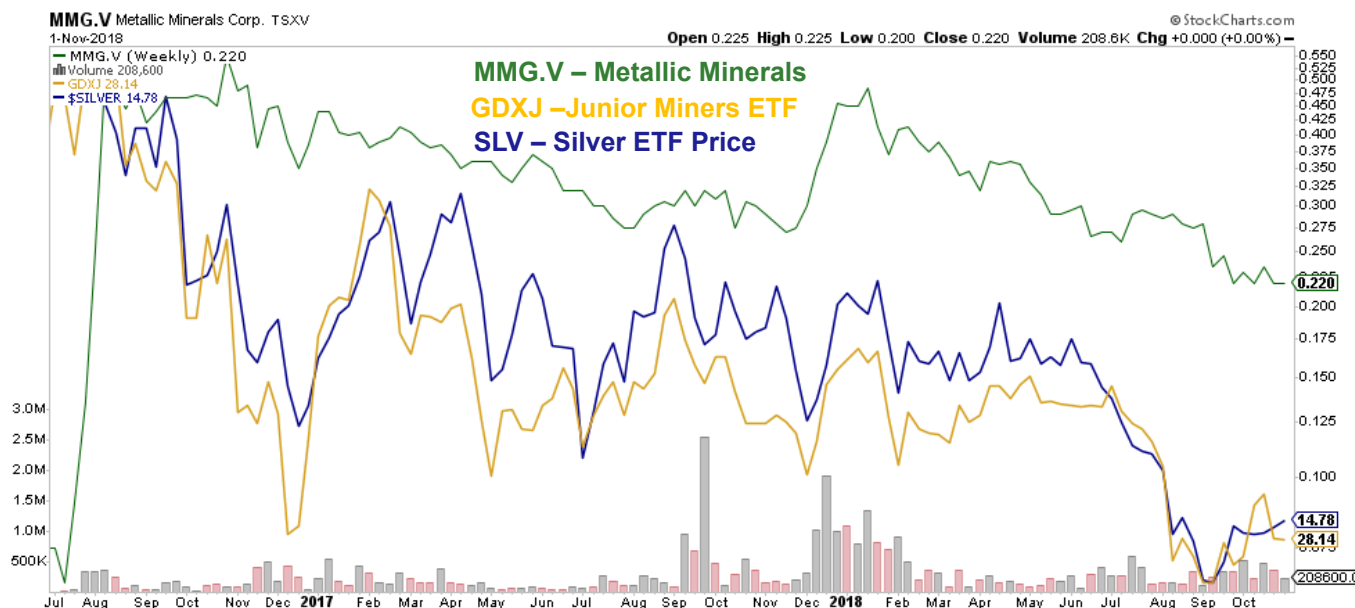


# CAPITAL STRUCTURE

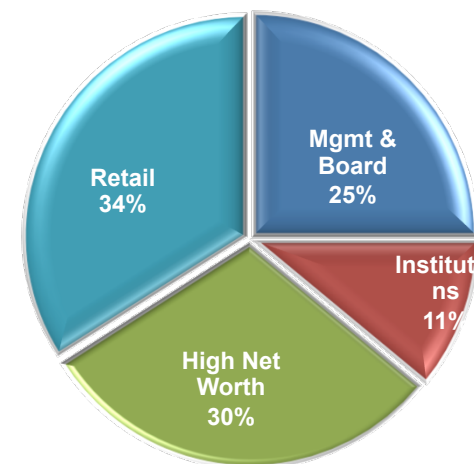
Management / Director Ownership ~25% (Fully Diluted)



## Relative Share Performance



## Shareholder Composition



### Key Milestones:

- 2017 acquisitions triple Keno silver district land position to 166 km<sup>2</sup>
- Klondike Gold District acquisition and first royalty agreements announced Sept. 2017
- 2017 Keno Silver Project field program initiated May with drilling beginning September
- McKay Hill project field exploration season results released October 2017
- First alluvial gold royalty payment received November 2017
- New discoveries at Keno Summit targets on Keno Silver Project November 2017
- Drill results from Caribou and Homestake targets released December 2017
- 2018 Exploration programs initiated at Keno Silver and McKay Hill Projects June 2018
- New vein discoveries at McKay Hill silver project announced September 2018

### Share Structure

Issued & Outstanding	61.2 million
Options (Avg. Ex. Price: \$0.38)	5.5 million
Warrants (Avg. Ex. Price \$0.15)	20.6 million
Fully Diluted	87.3 million

Market Capitalization	\$18.4 million
In the Money Warrants/Options	\$1.8 million
Cash on Hand	\$1.5 million

Share Structure as of Sept 2018

# THE METALLIC GROUP OF COMPANIES

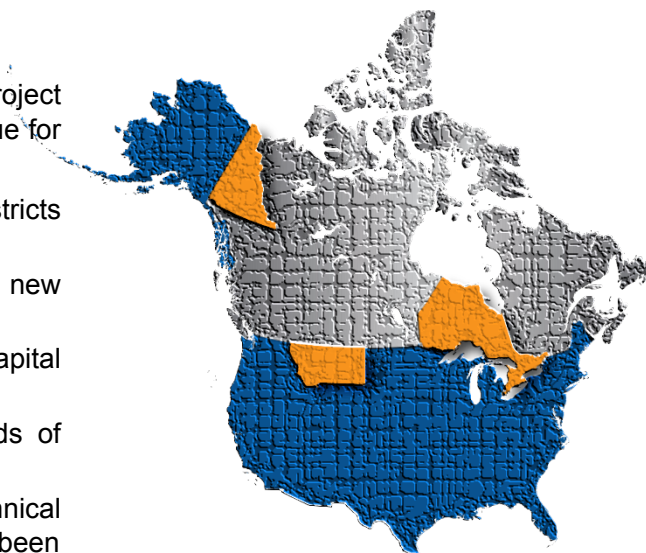
## A Collaboration of Leading, Independent Exploration Companies



### 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 Kluane PGE-Ni-Cu project adjacent to Nickel Creek Platinum's Wellgreen deposit in the Yukon Territory, and the Black Lake-Drayton Gold project in the Rainy River district of Ontario.



Granite Creek is a newly-launched copper focused exploration company. The company's Stu Copper project is located in the Yukon's high-grade Carmacks copper district adjacent to Capstone Mining's high-grade Minto Cu-Au-Ag mine and Copper North's Carmacks Cu-Au-Ag project.

# CONTACT INFORMATION



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