

**CANTEX**

TSXV:CD



# HIGH-GRADE SILVER-LEAD-ZINC-GERMANIUM IN THE YUKON, CANADA

March 2024

## THE RIGHT PROJECT AT THE RIGHT TIME

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- *“Cantex’s North Rackla project hosts a particularly prospective mineralizing system that displays similarities to some large, famous silver-zinc-lead deposits in Australia, notably Broken Hill, New South Wales. We are intrigued with the high-grade nature of drill intercepts to date including very high contents of germanium, an increasingly critical metal. This is a project that needs advancing, even in a very tough market, and we are happy to become new shareholders in this exciting exploration story.” – Dr Quinton Hennigh*
  
- *“The US government is now looking forward to partnering with alternate Germanium suppliers such as Canada. Cantex Mine Development Corporation has been in an advantageous phase as they have identified a rich Germanium reserve at the sulfide project in the North Rackla region.” – Peter Schmidt, Chemanalyst*

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Technical content within this presentation is approved by Chad Ulansky, PGeo.

## **STRONG LEADERSHIP WITH A PROVEN TRACK RECORD**

Chairman & Team Discovered Canada's First Diamond Mine, Making Canada the Third Largest Producer by Value

### **Dr. Charles Fipke C.M., Geologist** **Chairman**

With over 40 years of experience in the minerals exploration business Mr. Fipke is credited with the discovery the Ekati Diamond Mine, in the Northwest Territories, Canada's first diamond mine after founding Dia-Met Minerals Ltd. later sold to BHP Billiton.

### **Chad Ulansky B.Sc., PGeo** **President & Chief Executive Officer**

Mr. Ulansky is a trained geologist by background with over 25 years experience in the minerals exploration business and focus on diamond bearing deposits. He was involved in the Ekati Diamond Mine discovery by Dia-Met Minerals Ltd.

### **Jennifer Irons CPA, CA** **Chief Financial Officer**

Ms. Irons graduated from the University of Alberta with a Bachelor of Commerce degree and began her accounting career with a national firm in 2003. Prior to joining Cantex in 2013, Ms. Irons held the position of Manager with a Kelowna based accounting firm where she served both individual and corporate clients.

### **Vern Frolick LLB** **Director**

Mr. Frolick is a graduate of the Windsor School of Law and was called to the Ontario Bar in 1976 and the BC Bar in 1982. Currently he is a Crown Prosecutor in Penticton.

### **Kathrine MacDonald BSc., BComm** **Director**

Ms. MacDonald is a graduate of the University of British Columbia and has over 30 years experience in the Finance Industry including Investment Banking and Management, Finance, and Corporate Relations for public mining companies.

### **Jason Granger CPA, CA, CFA, MBA** **Director**

Mr. Granger has over 20 years of experience in capital markets, corporate finance and accounting in a range of sectors including industrials and natural resources. He began his career with PricewaterhouseCoopers, and subsequently worked with BMO Capital Markets in equity research covering Transportation and Industrials. Jason moved on to work in corporate development, investor relations and transaction diligence roles for Newalta (oilfield services), Diversified Royalty Corp., and Ernst and Young before joining Kel-Ex Development Ltd as COO.

# A WORLD-CLASS SILVER-LEAD-ZINC-GERMANIUM DEPOSIT

THE COMPANY'S NEXT OBJECTIVE IS BRINGING THE NORTH RACKLA PROJECT INTO PRODUCTION PHASE

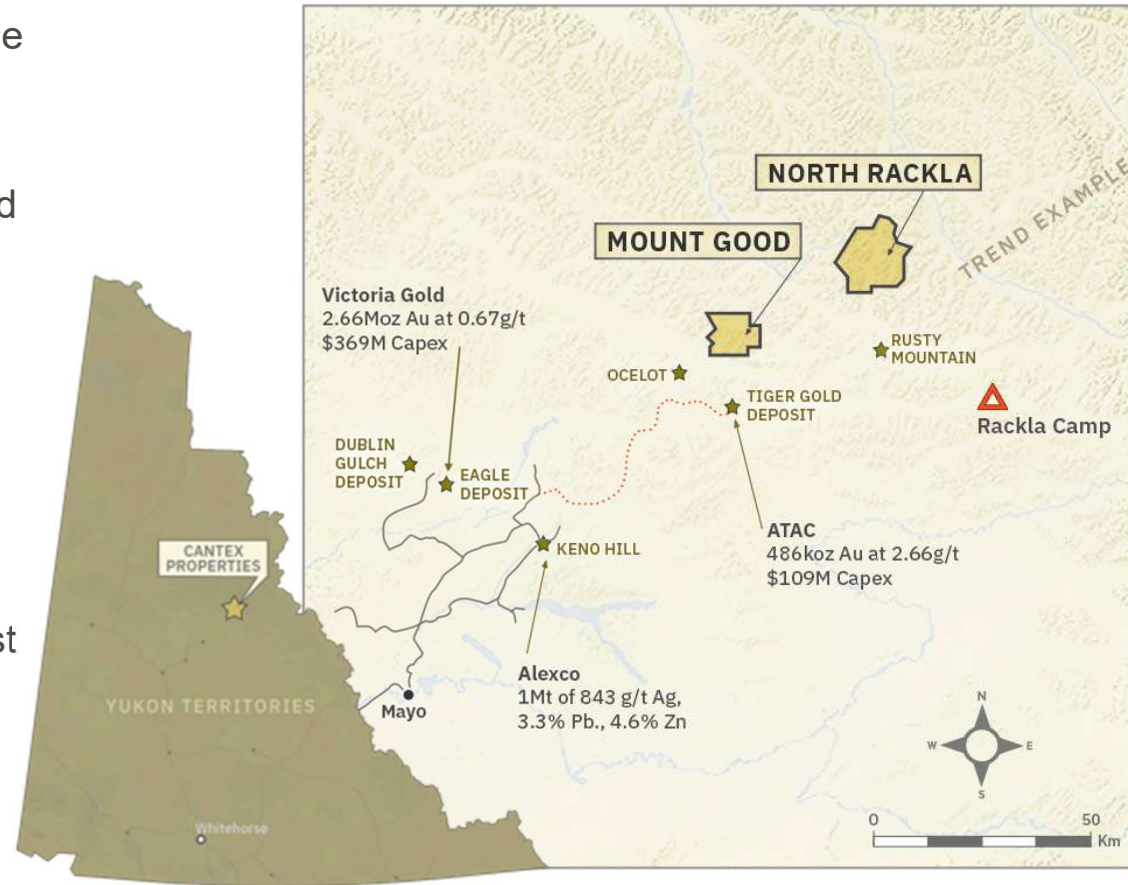
- **High-grade Silver-Lead-Zinc-Germanium Project in the Yukon**
  - Amongst the highest-grade discoveries worldwide.
- **100% ownership of North Rackla** – a large land position with room for exploration growth.
- **75,000m drilled to date:**
  - Drill testing over 2.3km of strike length.
  - Deepest intercept more than 700 meters with true width of 23.67 meters.
- **Experienced management team** – Chairman, Dr. Charles Fipke, founder of the Ekati Diamond Mine, and his employees discovered Canada's First diamond mine. Which made Canada the third largest diamond producer by value.

The Ekati Mine employed 1,500 people and produced billions of dollars since being brought to production over 25 years ago.
- **Favorable ownership structure** – led by Dr. Charles Fipke, founder of the Ekati Diamond Mine.



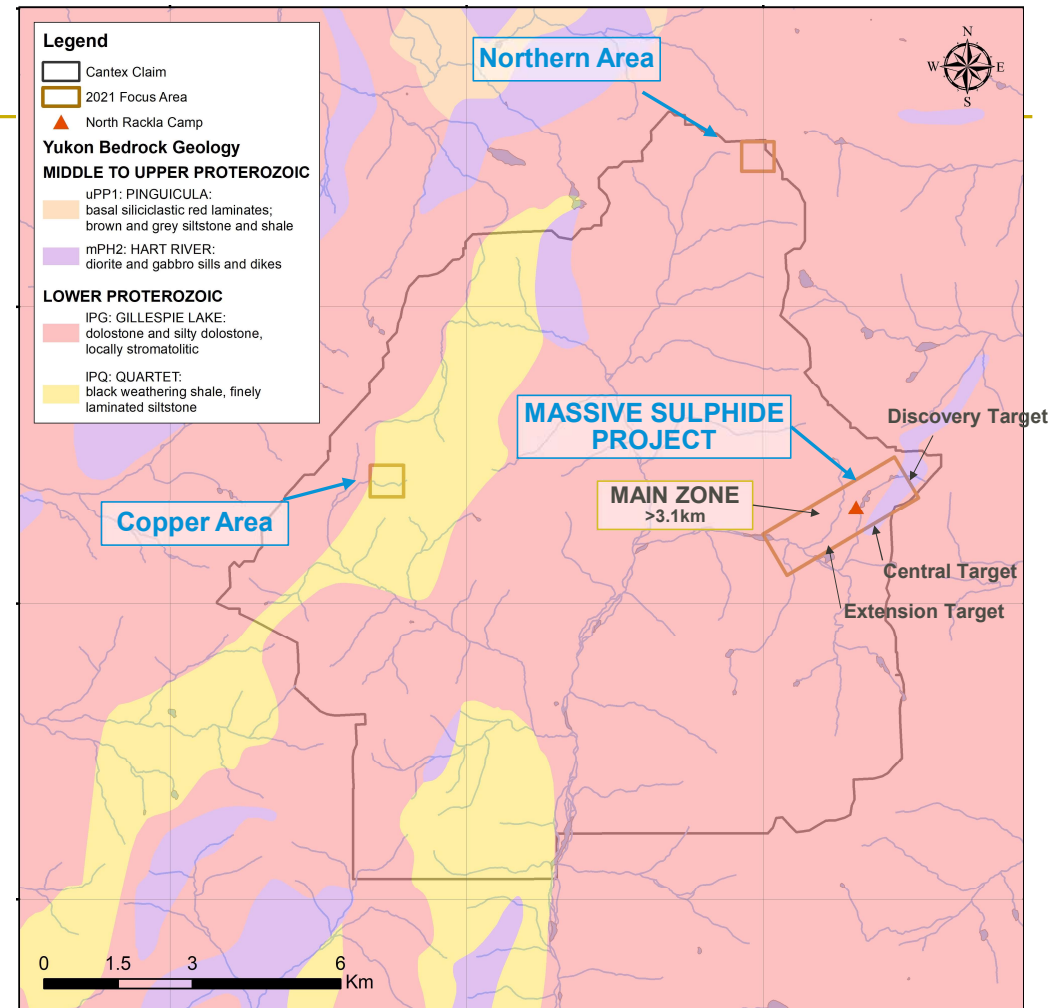
# LOCATION, LAND POSITION & NEIGHBOURS

- North Rackla claim block is 14,077 hectares in the traditional territory of the Na-Cho Nyak Dun First Nation (NNDFN)
- Access is via air strip, helicopter and internal road network which has been constructed to support operations
- NNDFN – Are pro-mining and pro-development group with +300 members
- Current business relationship with First Nation includes:
  - JV with fixed wing and helicopter operators, sat comms, fuel supply, staffing through First Nation labour supplier



# THE NORTH RACKLA PROPERTY

- Work on the North Rackla Property has largely been focused on the **Massive Sulphide Project** which consists of the Main Zone and GZ Zone.
- Mineralization of the **Massive Sulphide Project** contains the highest-grade Silver-Lead-Zinc-Germanium ever found in North America.
  - Hosted in Proterozoic aged marine carbonate rocks, the deposit contains elevated manganese values like the Broken Hill deposit in Australia – the world's largest Silver-Lead-Zinc deposit, suggesting a similar genesis.
  - Potential scale of the project is impressive with tested strike length of 2.3 plus kilometers and open to the northwest and comparable to the Broken Hill deposit at 8 kilometers strike length.
- Two additional zones of interest identified within the North Rackla property; the **Copper Area** and **Northern Area**.
  - At least two drill holes are planned for the copper area where 7.3% copper was drill intersected.



# MASSIVE SULPHIDE PROJECT

## SIMPLIFIED GEOLOGY OF MAIN ZONE

**2018 drilling results showed high grade Silver-Lead-Zinc averaging over 20% Lead-Zinc and 100 g/t Silver**

- Significant true widths averaging over 9m.
- Drilling in 2018 chased mineralization to 200m depth.

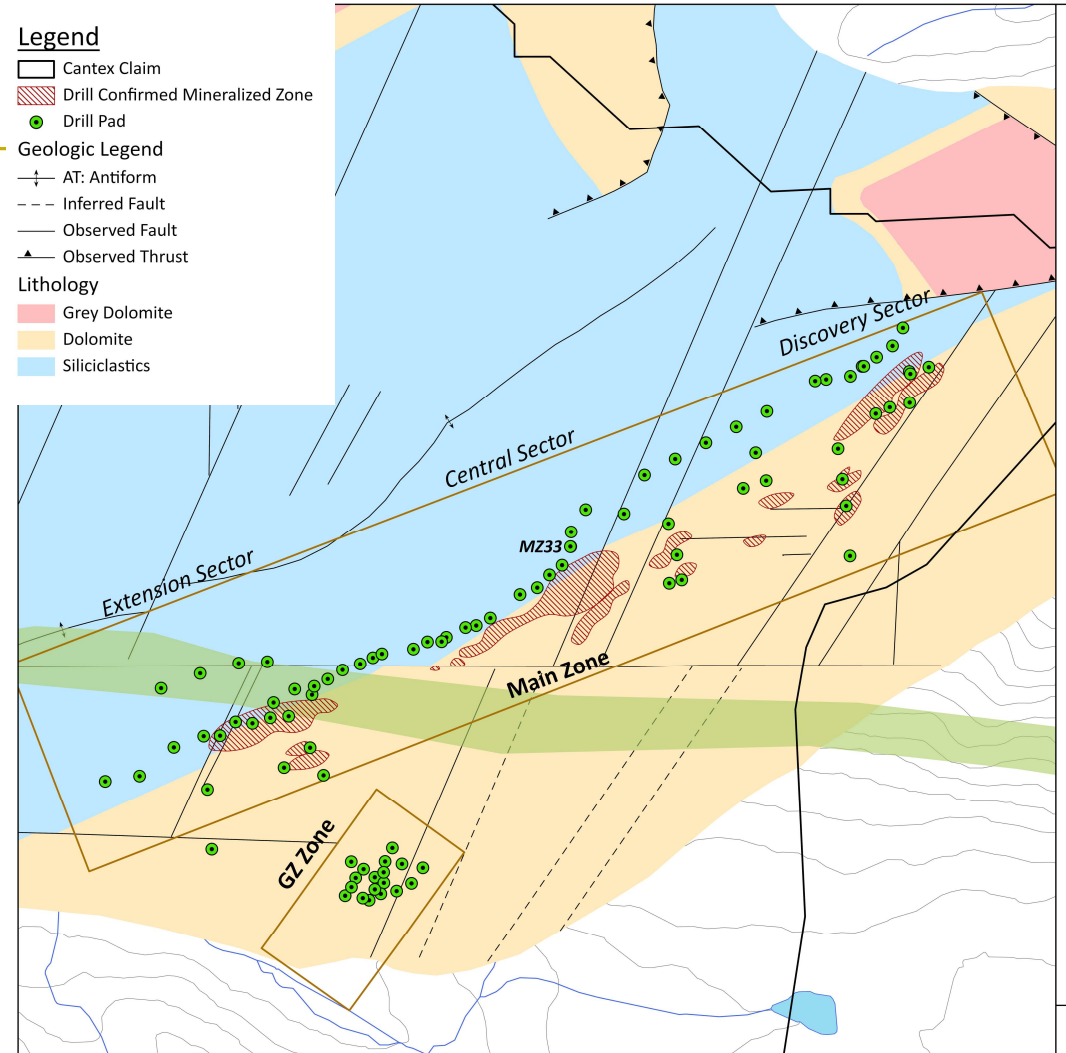
**2019-2020 drilling continued to extend mineralization of the Main Zone to depth and along strike**

- Mineralization intercepted beyond 700m depth and remains open.

**In 2021 drilling extended the strike to 2.1 kilometers and identified a new high-grade zone of mineralization – GZ Zone – 500m from the Main Zone**

**Work in 2022 increased the strike length to 2.3km**

**Drilling in 2023 intersected perhaps the best intercept to date (89.25 metres of mineralization) from MZ33**





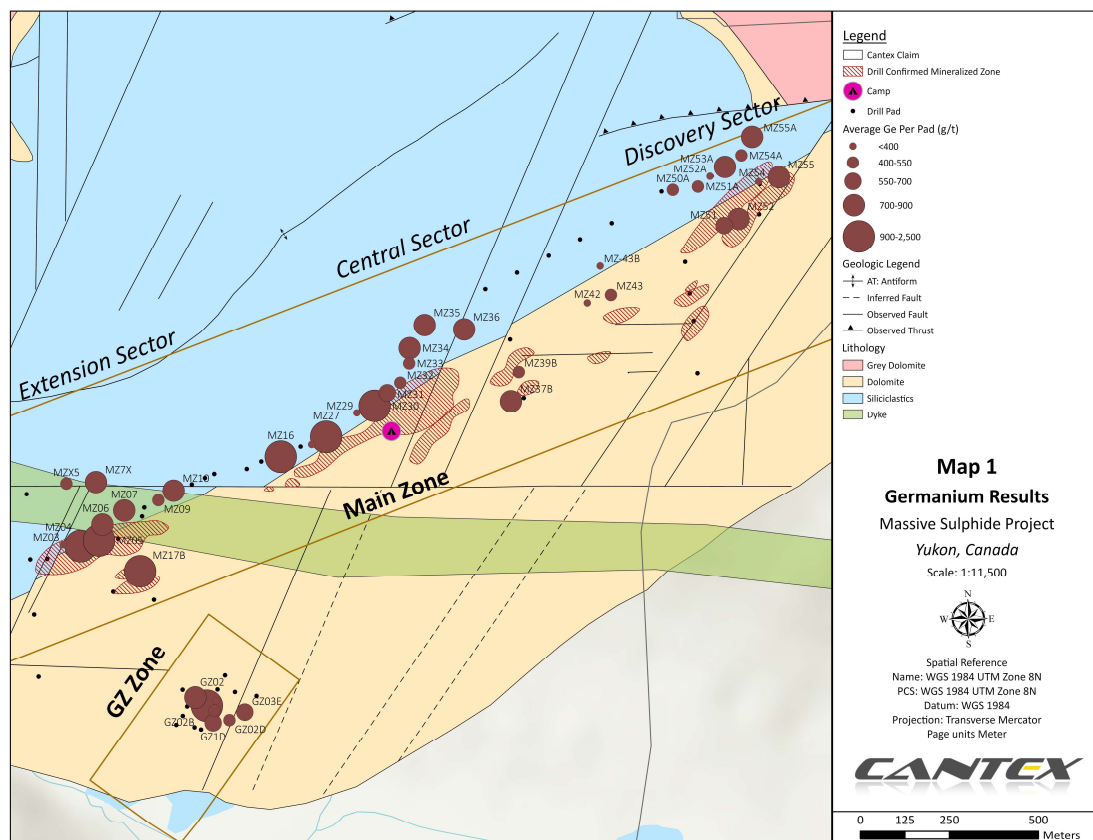
## RACKLA CAMP

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# GERMANIUM RESULTS

## Potential to Add Significant Value



### Main Zone

- 595 analyses of sphalerite grains from 97 intercepts over 2,300 metres of strike average 654 g/t germanium

### GZ Zone

- 77 analyses from 14 intersections average 521 g/t germanium
- Germanium is a high value critical metal
  - Currently selling for US\$1.31 per gram
    - (March 2024)

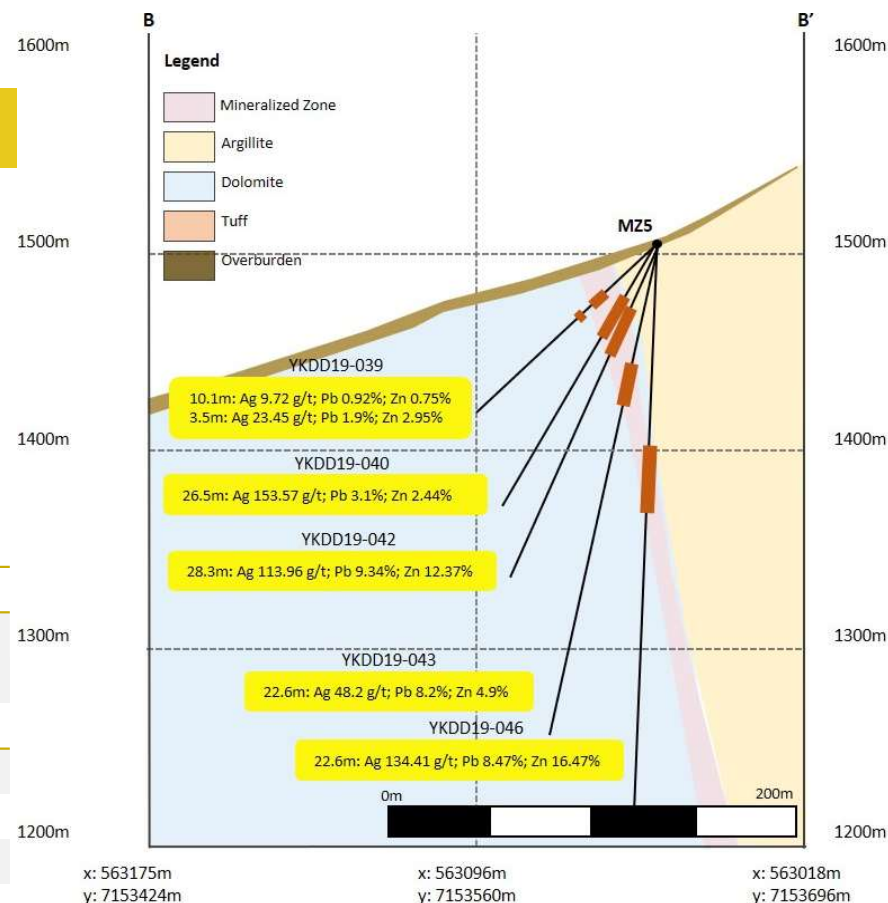
# DRILLING: MAIN ZONE – EXTENSION SECTOR

## (PAD MZ 5) – Cross Section & Selected Drilling Results

- Results illustrate scale along with elevated grades
- Mineralization continues to be intersected over significant widths with extremely high grades
- 3.1km of strike length leaves room to build tonnage

Hole	Length (m)	True Width (m)	Silver (g/t)	Lead (%)	Zinc (%)	Copper (%)	Manganese (%)
YKDD19-040	26.5	16.32	153.57	3.10	2.44	0.42	4.09
YKDD19-042	28.3	14.15	113.96	9.34	12.37	0.09	3.05
And	<b>4.0</b>	<b>2.00</b>	<b>150.50</b>	<b>7.39</b>	<b>36.96</b>	0.05	2.53
And	<b>3.0</b>	<b>1.50</b>	<b>213.33</b>	<b>10.73</b>	<b>41.43</b>	0.10	1.41
YKDD19-043	22.6	8.47	48.20	8.20	4.90	0.04	3.20
Including	<b>3.0</b>	<b>1.12</b>	<b>55.33</b>	<b>21.91</b>	<b>1.48</b>	<b>0.01</b>	<b>4.07</b>
And	1.1	0.41	235.40	49.30	3.72	0.11	1.99
And	<b>3.1</b>	<b>1.16</b>	<b>97.47</b>	<b>6.87</b>	<b>21.23</b>	<b>0.05</b>	<b>3.02</b>

\*See press releases dated November 5, 2019

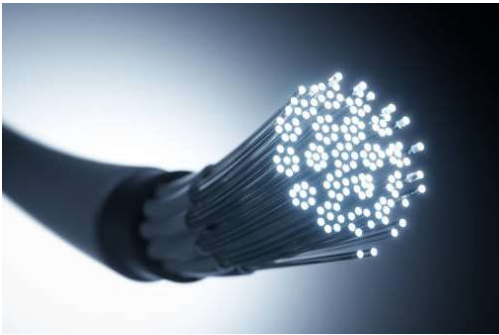




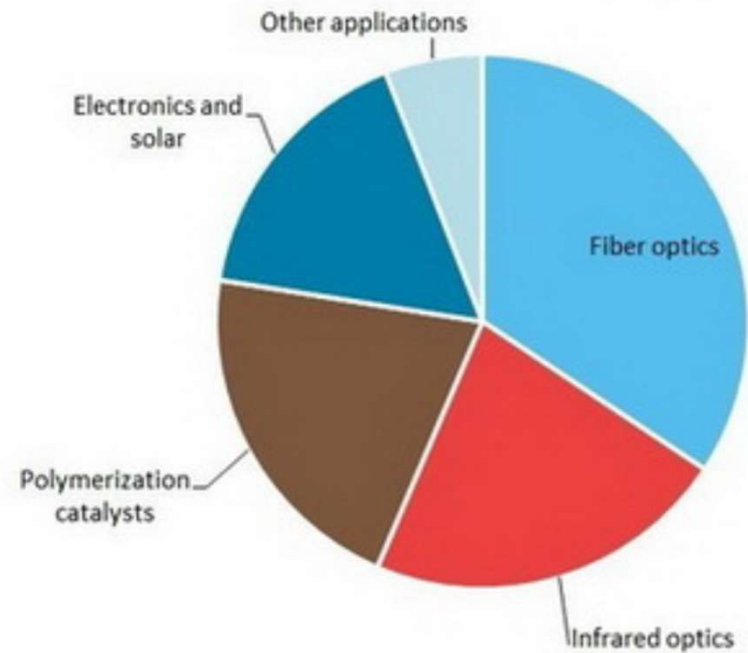
Looking  
NNE  
towards  
2023 pads  
testing  
Discovery  
Sector

# GERMANIUM

A Key Part of our High Tech Future



Global Germanium Demand by Application

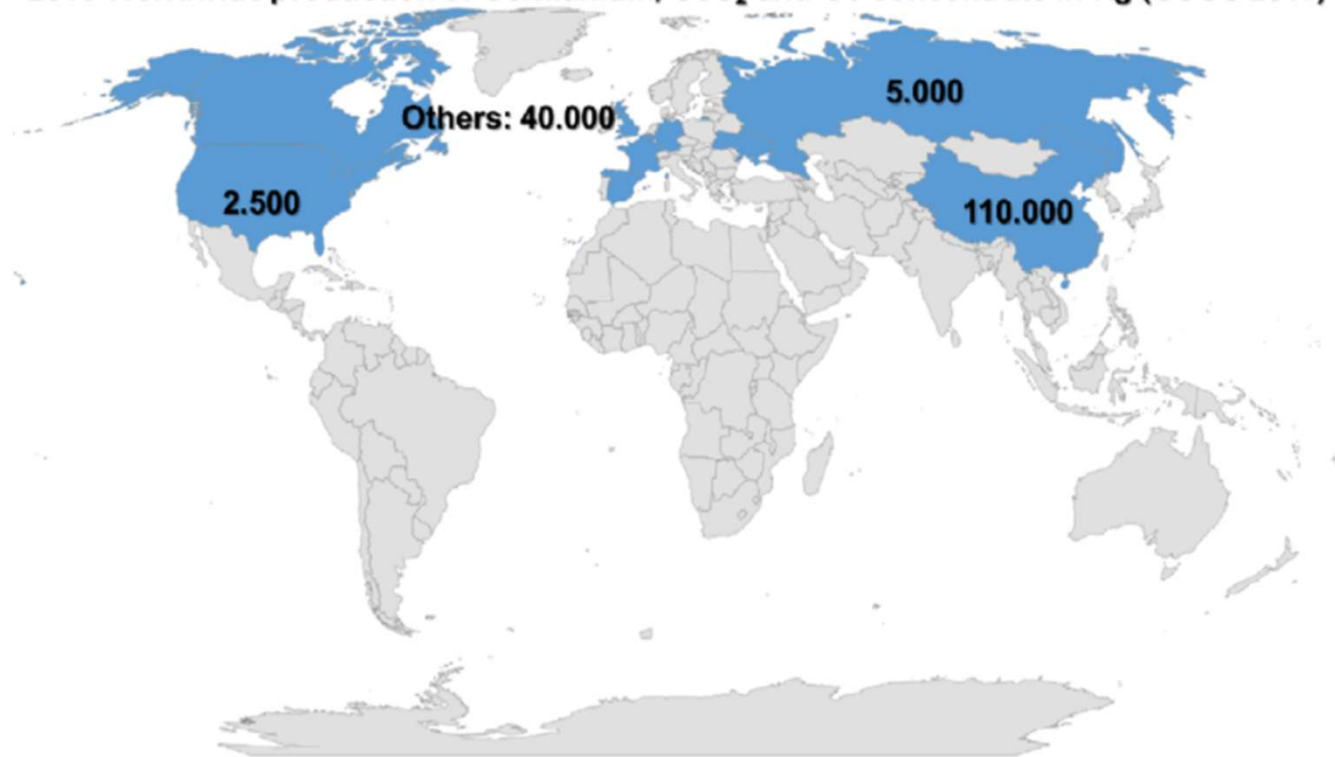


# GERMANIUM

## New Western Sources Needed

- Vast majority of germanium is sourced in China and Russia
  - China is restricting exports of germanium from August 1, 2023
- Teck is the largest western producer of germanium, from the Red Dog Mine in Alaska
  - Contains 104 to 249g/t Ge
  - Processed in Trail, BC
- Cantex's Main Zone and GZ Zones average 654 and 521 g/t Ge respectively in sphalerite

2016 Worldwide production of Germanium, GeO<sub>2</sub> and Ge concentrate in Kg (USGS 2017)



# LOOKING FORWARD

## CANTEX VISION 2024

- Drill results from 8 hole program in late 2023 are awaited
- Bulk analysis technique being evaluated for germanium
- Work in 2024 will drill beyond 2.3 kilometers to increase the strike length of the **Massive Sulphide Project** and identify the anticipated high-grade Copper Zone.
  - Sharing a similar genesis model to the world's largest Silver-Lead-Zinc deposits; Broken Hill, Mt Isa & Sullivan, it is suggested that the North Rackla deposit will display similar mineralization trends.
  - These deposits are highest in copper towards the middle, which so far aligns with the North Rackla deposit as we are seeing elevated copper values in the Extension Sector in the northwest portion of the Main Zone.
  - If this trend continues, it would more than double the known strike length.
- Drilling is planned in the center of the Main Zone along with drilling to test an indicated extension to the Main Zone along the strike in the southwest.
- Additional holes are planned in the **Copper Area** where the last near surface intersection was 7.32% Cu.

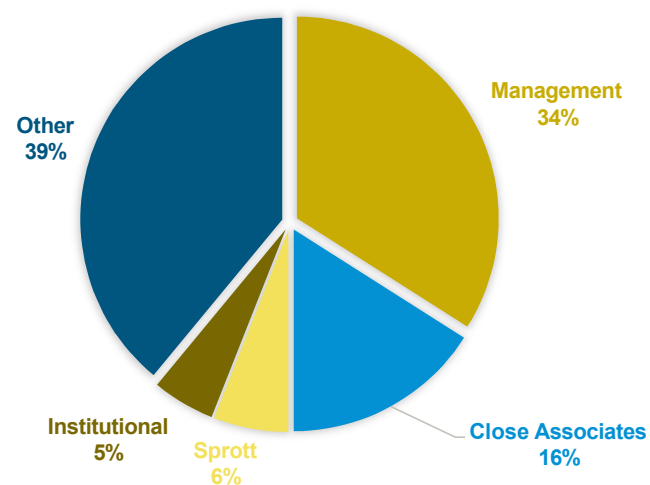
# SHARE STRUCTURE & WORKING CAPITAL

TSXV: **CD** | OTCQB: **CTXDF**

<b>Issued and outstanding</b>	<b>115M</b>
Warrants outstanding (average strike price \$0.43)	35,909,787
Options outstanding (average strike price \$2.40)	1,519,000
<b>Recent share price</b>	<b>\$0.21</b>
<b>Market capitalization</b>	<b>\$24M</b>
<b>Cash position</b>	<b>\$4.3M</b>

February 2024

## OWNERSHIP







TSXV: CD

**INVESTOR RELATIONS**

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