



# British Columbia's Most Northern Emerging District Scale CRD-Porphyry Project

CORPORATE PRESENTATION JANUARY 2024

TRADING SYMBOLS CSE:CC | FSE:5RJ | OTC.QB:CCOOF

# Forward Looking Statements



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The assumptions are those that management believes are significant to the projection. Some assumptions may not materialize and unanticipated events and circumstances may occur subsequent to the date of this projection; therefore, the actual results achieved during the projection period may vary materially from the projections. This projection is based on our assumptions and there is a major risk that actual results will vary, perhaps materially, from the results projected. Management does not intend to update this projection subsequent to its issue.

The technical portion of this presentation has been reviewed and approved by Nicholas Rodway, P.Geo, (License # 46541 and Permit to Practice #100359) President and Chief Executive Officer of Core Assets Corp., a qualified person as defined under National Instrument 43-101.

# Core Assets Capital Structure



## Insider Alignment

Insiders collectively hold 16% of the shares outstanding.

## Capitalization Structure Millions; excluding share price

Basic Shares Outstanding	127.11
Warrants	38.28
Options	7.65
<b>Fully Diluted Shares Outstanding</b>	<b>173.04</b>
Current Share Price <sup>1</sup>	\$0.20
Market Capitalization	\$25.42
Insider Ownership	16%

<sup>1</sup>As of January 8, 2024

## Historical Trading Price Last Twelve Months



# Management Team



**Nick Rodway, P. Geo**  
**FOUNDER, CHIEF EXECUTIVE OFFICER, PRESIDENT**

Mr. Rodway is a registered Professional Geologist. Mr. Rodway holds a Bachelor of Science in geology at Memorial University of Newfoundland and a Masters Degree at Queens University in Earth and Energy Resource Leadership. He has spent over 10 years working with Canadian exploration companies.

Nick Specializes in project generation and project financing. He is also a Director on several other publicly traded exploration and mining companies.



**Monica Barrington**  
**VICE PRESIDENT, EXPLORATION**

Ms. Barrington is an Atlin-based exploration geologist with a Bachelor of Science (Honors) Degree in Earth Sciences from Memorial University of Newfoundland. She holds a combined 9 years of experience in research and mineral exploration in Eastern Canada, as well as the Golden Triangle and Atlin Mining Camp of northwest British Columbia. Prior to joining the Core Assets team, Ms. Barrington was employed as Senior Project Geologist with Brixton Metals Corporation where her work focused on the advancement of their porphyry-epithermal and orogenic gold targets in British Columbia.



**Jody Bellefleur, CPA, CGA**  
**CHIEF FINANCIAL OFFICER**

Ms. Bellefleur is responsible for all aspects of regulatory financial reporting including the preparation of quarterly and annual financial statements, management discussion and analysis reports, and government tax and regulatory reporting.

Jody has over 20 years' experience as a corporate accountant. Since 2008, she has exclusively been involved in providing services to both public and private companies in the junior mining sector.



**Joshua Vann**  
**VICE PRESIDENT, BUSINESS DEVELOPMENT & STRATEGY**

Mr. Vann joined Core Assets Corp. in March 2022 after working in Equity Research at PI Financial on the Special Situations Team. He has experience working in corporate development for publicly and privately listed companies in the natural resource sector. Joshua also brings experience working in Investment Banking across a number of industries including healthcare, technology, and mining. Joshua holds a Bachelor of Commerce from McGill University with a Major in Finance.

# Board & Advisory Team



**Andrew Carne, P. Eng**  
DIRECTOR

Mr. Carne holds has over 10 years of experience ranging from fieldwork to permitting, government relations, metallurgical test work, and management of complex engineering studies. He holds both a Bachelor of Applied Science in Materials Engineering and Master of Engineering in Project and Construction Management from the University of British Columbia. Mr. Carne is currently the VP Corporate & Project Development for ATAC Resources Ltd., and is the Vice-President of the Yukon Chamber of Mines.



**Sean Charland**  
DIRECTOR

Mr. Charland is a seasoned communications professional with experience in raising capital and marketing resource exploration companies. His network of contacts within the financial community extends across North America and Europe. Mr. Charland also serves as a Director of Maple Gold Mines Ltd., Arctic Star Exploration Corp., Eyecarrot Innovations Corp. and Voltaic Minerals.



**Marcus Adam, P. Geo**  
TECHNICAL ADVISOR

Mr. Adam has over 10 years experience in exploration and mining. He was part of the team that discovered and delineated the Deep Kerr and Lower Iron Cap deposits at the KSM project for Seabridge Gold. Since 2016, he has had responsibility for designing and conducting exploration programs for Seabridge at the Iskut project, an epithermal-porphyry hydrothermal system in the Stikine assemblage. Mr. Adam has exploration experience for Seabridge Gold across a variety of deposit types in the Northwest Territories, Nevada and the Yukon. He is Professional Geologist registered in British Columbia. He holds an MSc. in Geology from Western University and a BSc. in Geological Sciences from the University of Leeds.



**Joel Faltinsky**  
DIRECTOR

Mr. Faltinsky holds a Bachelor of Engineering, Electrical & Electronics from James Cook University and has over 8 years experience working in the mining and resources sector. He has experience in operations, engineering, project management, and investor relations, in Australia and Canada, with companies including BHP Billiton, BHP Mitsubishi Alliance (BMA), Anglo American, Glencore and Peabody.



**David Gower, P. Geo**  
TECHNICAL ADVISOR

Mr. Gower holds a Bachelor of Science degree in Geology from St. Francis Xavier University in Nova Scotia and a Master of Science degree in Earth Sciences from Memorial University of Newfoundland. He has been active in the mineral industry for over 30 years, including positions with Noranda Inc. (now Glencore Canada Corporation) as Manager of Atlantic Canada Exploration, and at Falconbridge Ltd. Mr. Gower has been involved in numerous discoveries and mine development projects including at Raglan, Mattagami and Sudbury, Canada, as well as greenfield discoveries in Brazil and Tanzania. He currently serves as the Chief Executive Officer of Emerita Resources Corporation and as a director of Alamos Gold and Exploits Discovery Corporation.

# Core Assets Investment Highlights

## Great location for discovery

Located in one of the last unexplored areas of BC's prolific Stikine Terrane and more easily accessible than other projects located to the south within the "Golden Triangle".

## District scale land package with significant exploration upside

Commanding and wholly owned 1,140 km<sup>2</sup> district scale land position in British Columbia's prolific Atlin Mining District.

## Large high-grade surficial expressions of mineralization with favourable geological elements

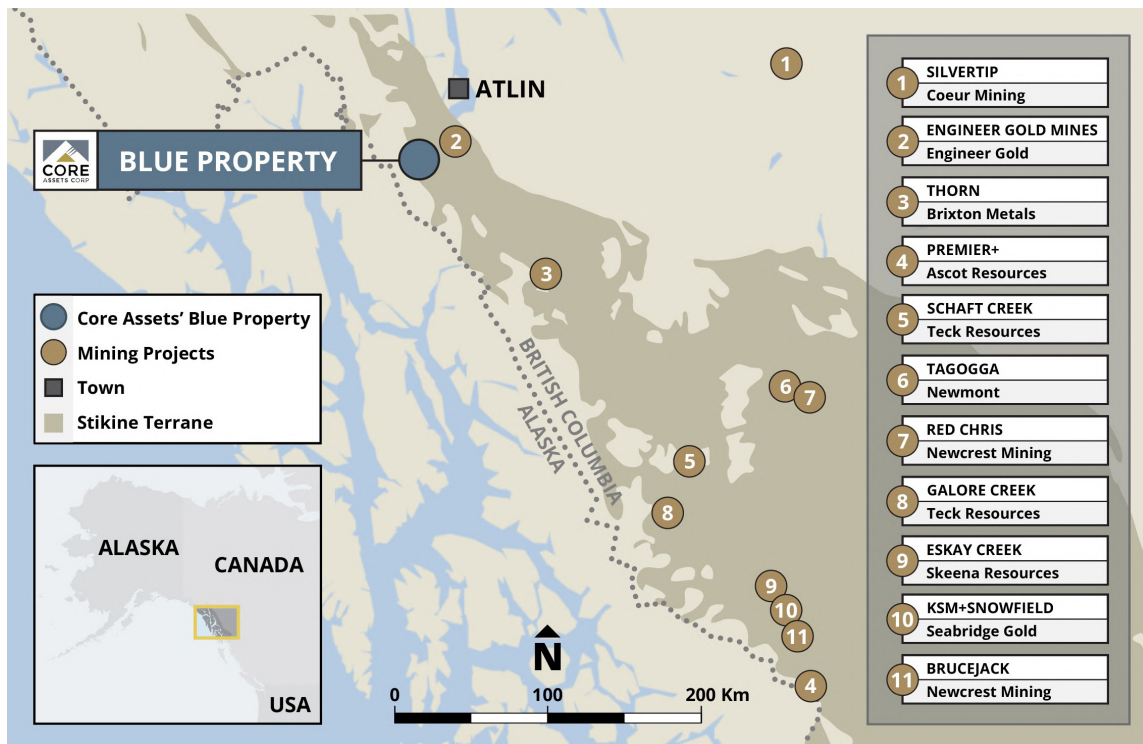
The Blue Property contains one of the largest and highest grade documented surficial expressions of any early stage CRD project, with indications of a potential large porphyry feeder stock nearby.

## World-class Porphyry-CRD-Skarn deposit potential

The Project continues to display characteristics like that of the largest Porphyry-CRD systems globally and covers the full mineralization evolution spectrum from Cu-Mo porphyry through to Ag-Pb-Zn carbonate replacement over a 6.6km by 1.8km mineralized area.

## Successful 2022/2023 exploration programs

All holes completed at the Silver Lime Project in 2022 intersected skarn and chimney-style massive sulfide carbonate replacement deposit (CRD) feeders - 2023 program successfully defined the >2.4km mineralized trend.



# Location & Infrastructure

Core Assets holds **100% ownership** of the Blue Property which encompasses both the **Silver Lime Porphyry-CRD Project** and the **Laverdiere Skarn-Porphyry Project** located 15 km apart.

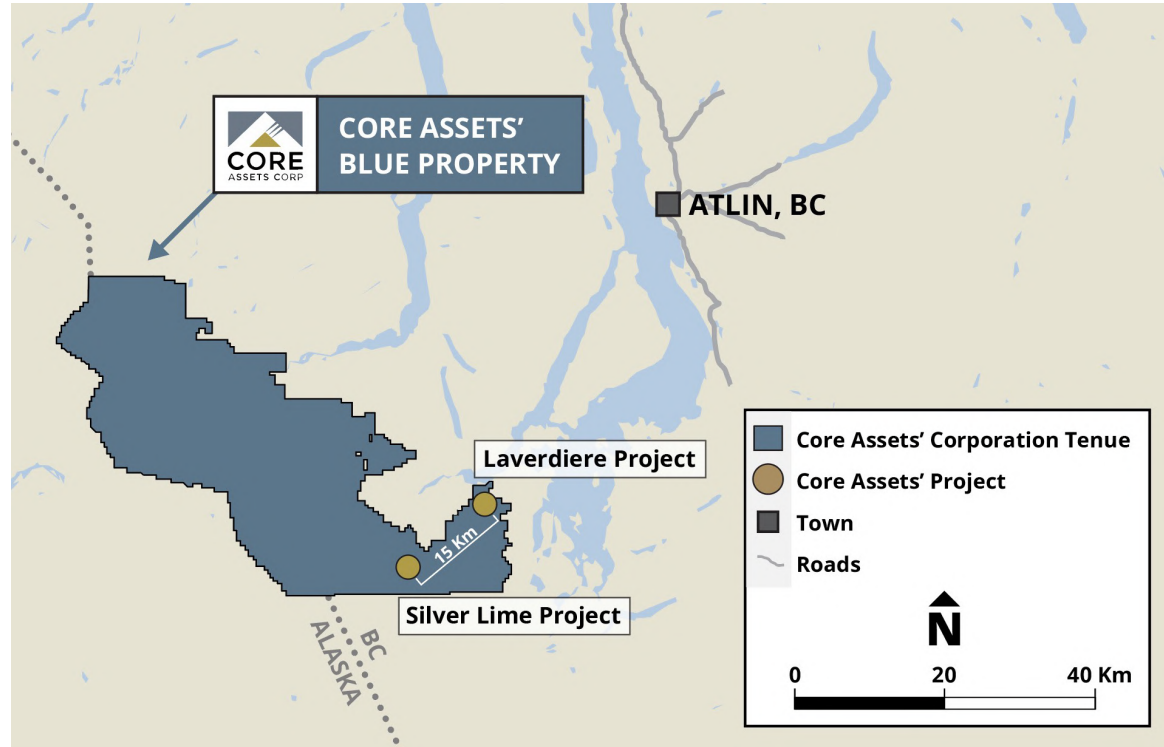
**1,140 km<sup>2</sup> district scale contiguous land position** in British Columbia's prolific Atlin Mining District.

**Located 48 km southwest of Atlin**, British Columbia (accessible all-season).

Atlin & Tagish Lakes provide **cost effective exploration mobilization** and potential low cost ore transportation.

**All mining services available in Atlin** including accommodations, heavy equipment, and transportation.

All other services available in **Whitehorse located 170 km north** which is highway accessible.



# Exploration Summary 2022 – Silver Lime CRD-Porphyry Project

The 2022 maiden drill program at Silver Lime intersected widespread skarn and chimney-style massive sulfide carbonate replacement deposit (CRD) feeders believed to be continuous and interconnected at depth tracing back to the porphyry source(s).

## Sulphide City Target – Source Intrusion Tapped in 2022

- Carbonate replacement, skarn, and porphyry mineralization drilled over significant widths in all holes.

## Grizzly Target – Carbonate Replacement Massive Sulphide

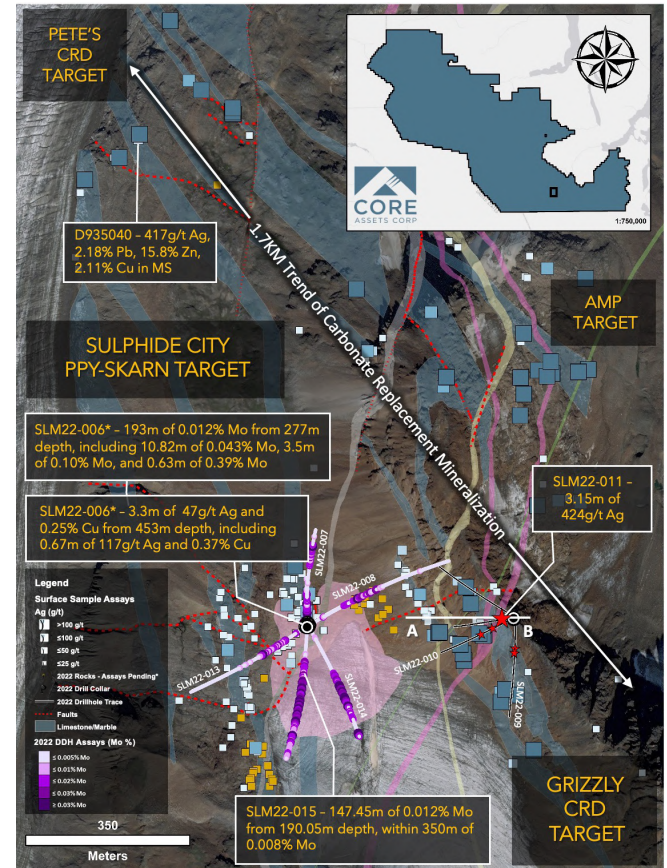
- 1,497m of diamond drilling was completed at the Grizzly Target, with high-grade carbonate replacement, mineralized dyke-contact skarn and endoskarn intersected in all holes.
- SLM22-011 returned **5.64m** of carbonate replacement massive sulphide mineralization grading **254g/t Ag, 4.8% Zn, 5.1% Pb, 0.11% Cu and 0.12g/t Au** including **1.16m of 1145g/t Ag, 23.5% Zn, 23.2% Pb, 0.52% Cu and 0.37g/t Au**.

## Jackie Target – Distal Skarn-CRD Expression Located 2.7 KM Away from the Sulphide City Porphyry

- The highest-grade massive sulphide occurrences at Jackie appear to be associated with steeply dipping, mineralized felsic dykes.
- SLM22-001 intersected **1.25m of 215g/t Ag, 9.9% Zn, 8.9% Pb, and 0.36% Cu**.

## Newly Discovered Targets

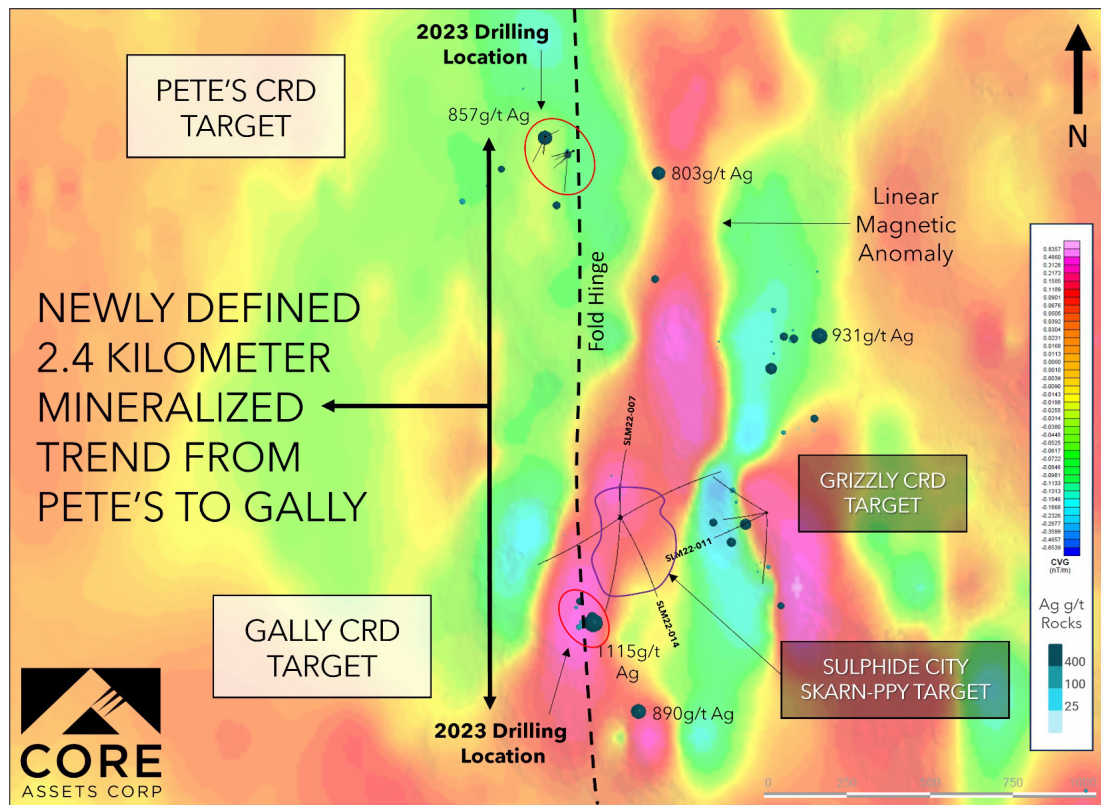
- During the 2022 season, ground reconnaissance identified additional high-grade targets including Pete's CRD Target, the Gally CRD Target, the Amp Target and the Falcon Au-Ag Target.
- Channel sampling at Pete's CRD target returned **250g/t Ag, 12.1% Pb, 7.5% Zn, and 0.33% Cu over 8m**.





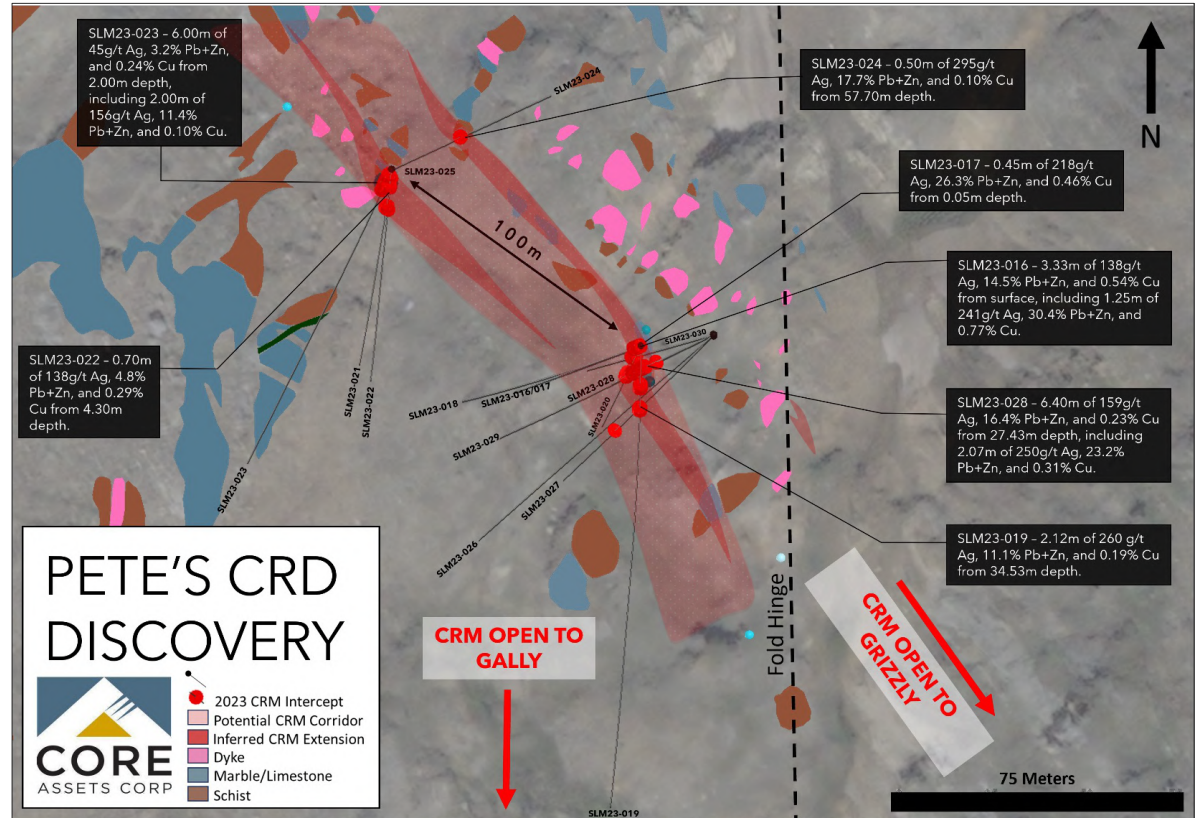
# 2023 Exploration Program

- The goal of the 2023 exploration was to prove the extent of the Silver Lime system and define additional targets.
- Assays from the 2023 drill program from Pete's CRD Target represents an additional discovery, residing along a 2.4km long mineralized trend, including the Sulphide City Porphyry-Skarn and high-grade Gally CRD Target.
- The results prove that the substantial silver, lead, and zinc grades observed at surface continue along trend and with depth.
- Gally drilling intersected extremely high-grade at/near surface Ag-Pb-Zn-Cu mineralization over appreciable widths in 10 holes defining the >2.4km mineralized trend from surface to depth.

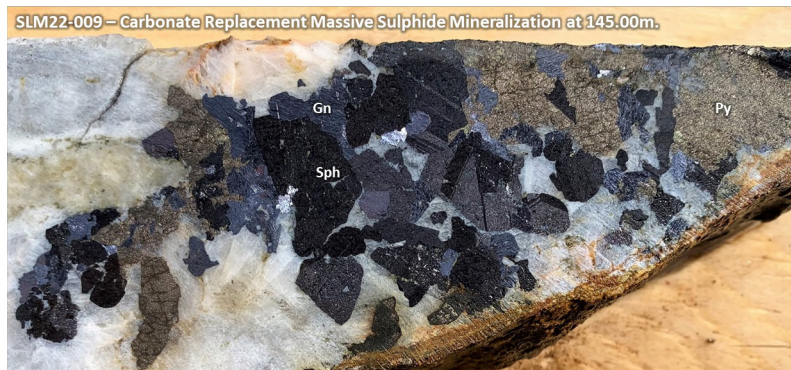
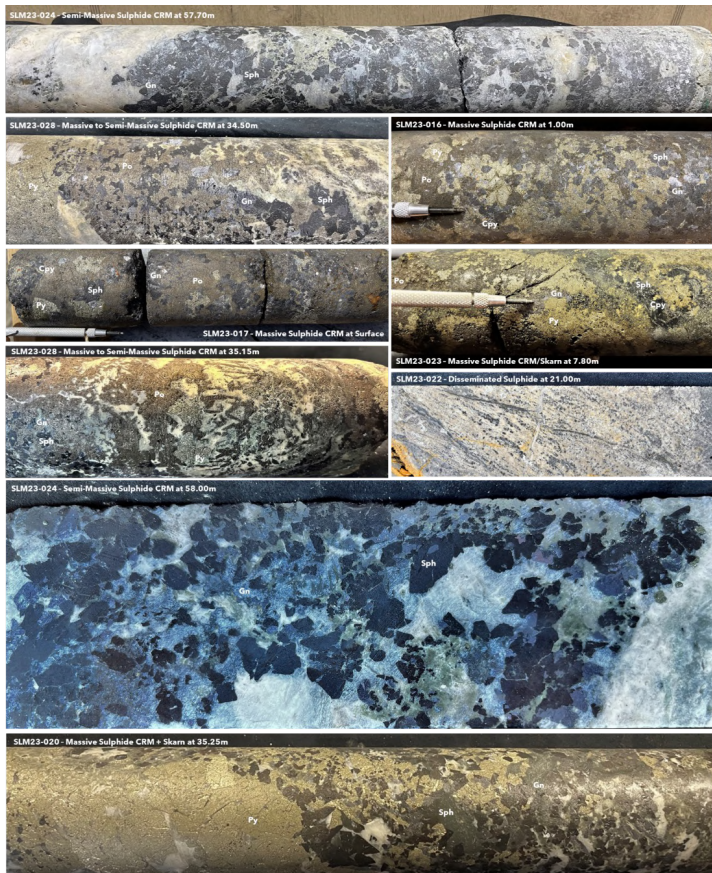


# Pete's Target – Expanding the System

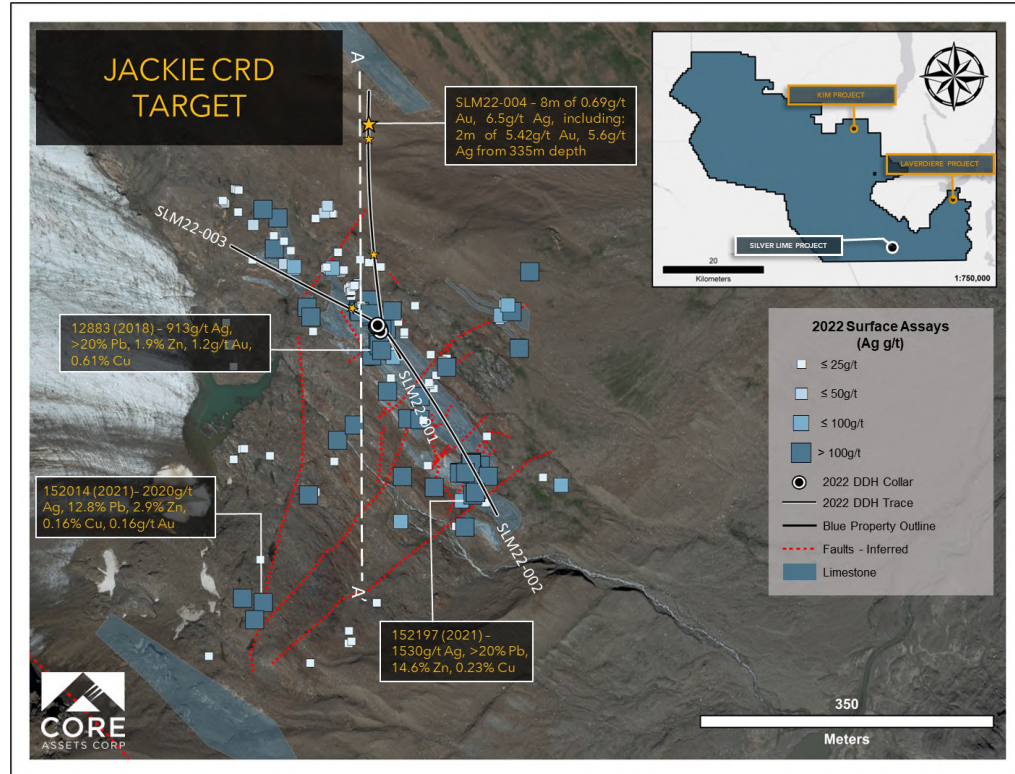
- Drilling at Pete's confirmed a new at surface CRD discovery consisting of multiple high-grade zones over 10 separate drill holes.
- SLM23-028 intersected **6.40m grading 159g/t Ag, 8.7% Pb, 7.7% Zn and 0.23% Cu** from 27.43m depth, including **0.57m of 301g/t Ag, 11.5% Pb, 10.7% Zn and 0.31% Cu**.
- Structural mapping in 2023 identified a prominent regional fold hinge (black dotted line N-S on map) which is visible on surface and ties the Pete's Target to the Gally Target for >2.5KM.
- Significantly larger beds of carbonate (>250m) discovered to the west through field mapping have high potential of containing thicker intersections of Ag-Pb-Zn-Cu CRD and is open in all directions.



# Mineralization Styles in Drill Core at the Silver Lime CRD-Porphyry Project – Pete’s & Grizzly Targets



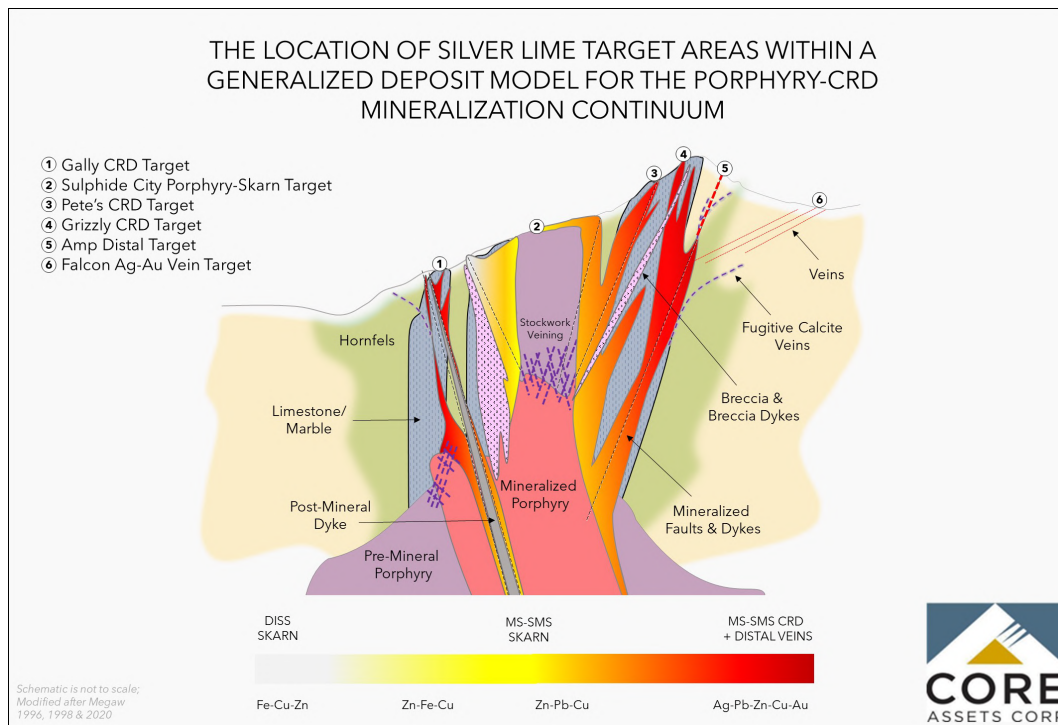
# Mineralization Styles in Drill Core at the Silver Lime CRD-Porphyry Project – Jackie CRD Target



# Silver Lime CRD-Porphyry-Skarn Schematic Model

## District-Scale CRD Checklist

- ✓ Location – Stikine & Yukon-Tanana Terranes (CRD/Porphyry Belt)
- ✓ Location – Top of Carbonate Section (Room to Grow)
- ✓ Ag (+400 g/t), Au, Zn, Pb, Cu, +Mn, As, Bi, Te...
- ✓ Multiple Mineralization & Alteration Stages
- ✓ Large-Scale Zoning (6.6 x 1.8 KM Defined)
- ✓ Presence of Felsite Dykes
- ✓ Presence of Skarn
- ✓ Discordant Geometry
- ✓ Replacement Mineralization (CRM)
- ✓ High Iron Sphalerite
- ✓ Pyrite Pseudomorphs after Pyrrhotite
- ✓ Molybdenum Mineralization
- ✓ Intrusive Stock Contact Skarn (Porphyry Target)



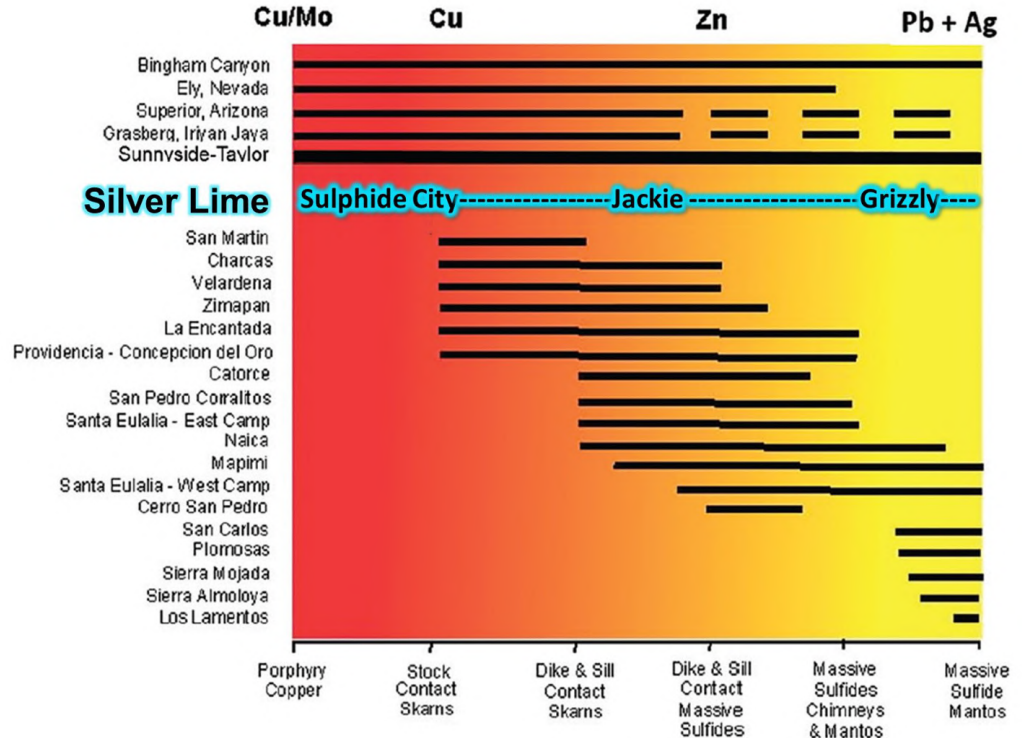
# CRD-Porphyry Continuum Model

The Blue Property contains mineralization and alteration assemblages similar to those of major Mexican CRD's and world-class Porphyry Cu-Mo deposits.

Plotting a system on this spectrum quickly shows which segments are potentially missing and in which direction(s) to focus exploration.

Core Assets Silver Lime Porphyry-CRD Project displays characteristics that match up to some of the largest Porphyry-CRD systems globally, covering the full mineralization evolution spectrum from Cu-Mo Porphyry through to Ag-Pb Carbonate Replacement Mineralization.

## SPECTRUM OF CARBONATE REPLACEMENT DEPOSITS



# Why CRD's are Significant?

CRDs have the following characteristics that make these deposit types extremely attractive exploration targets:

- Upside of 10-150 Million Tonnes
- High grade & polymetallic
- **Ag:** 150 -1,500 g/t
- **Zn:** 3 -25%
- **Pb:** 3 -25%
- **Cu:** 0.2 -5%
- Au, Cd, Ge, In, W, Mo, PGE credits
- Low mining cost
- Metallurgically is well understood
- Minimal environmental footprint
- Opportunity to be related to district scale upside in additional porphyry and skarn systems

Unlike vein-hosted deposits, CRDs typically manifest as continuous sulphide bodies over multi-kilometre-scales that broaden with depth and demonstrate continuity back to the source(s)

(After Megaw, VIA MAG Silver Deck)

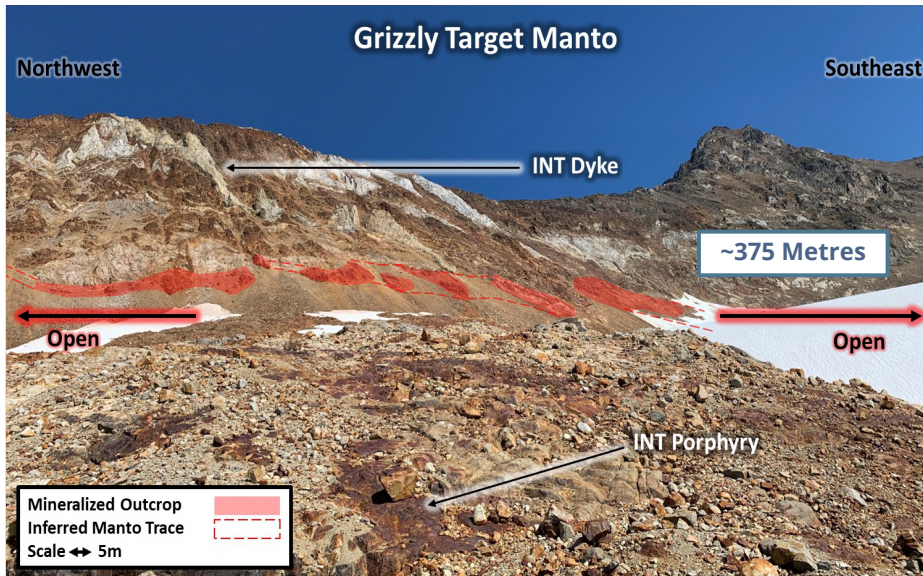


# Appendix

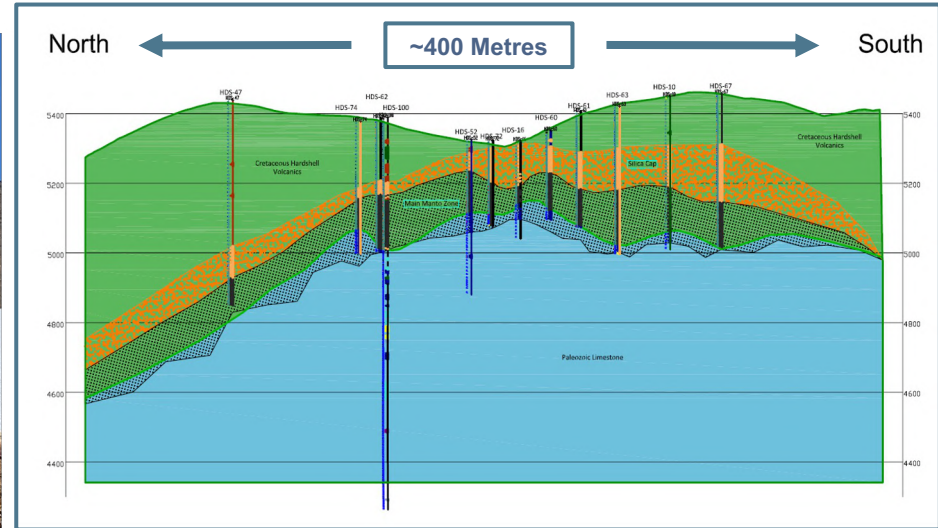


# Grizzly Manto Compared to Taylor Manto

## Grizzly Manto Long Section



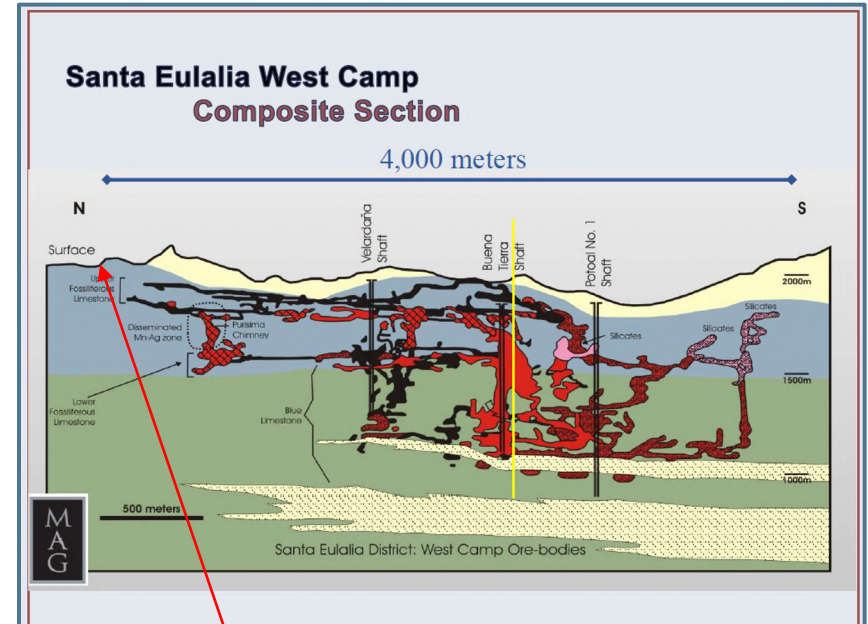
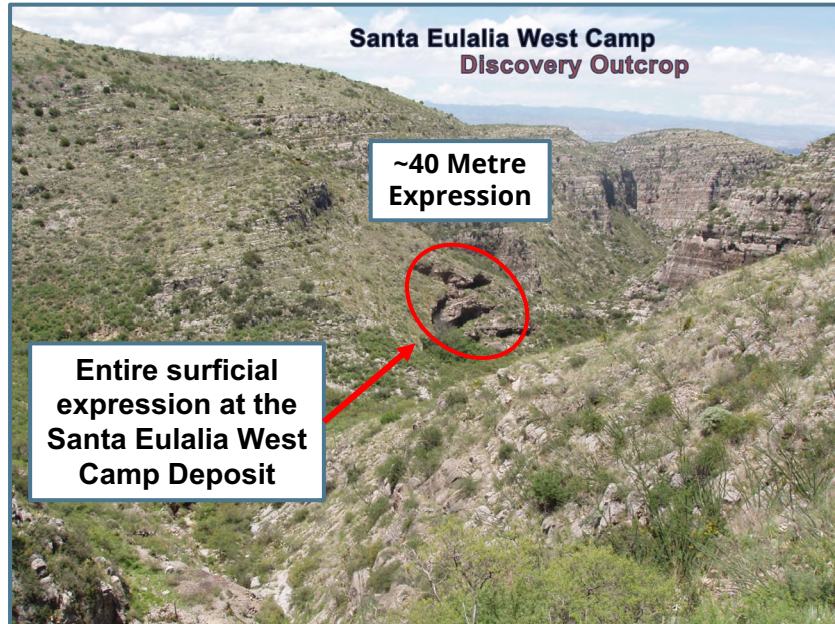
## Taylor Deposit Long Section



Both exhibit same age limestone base,  
silica cap and altered volcanics

# Santa Eulalia Deposit Comparable

(>35MT Zn + Pb + Ag Deposit in Mexico)

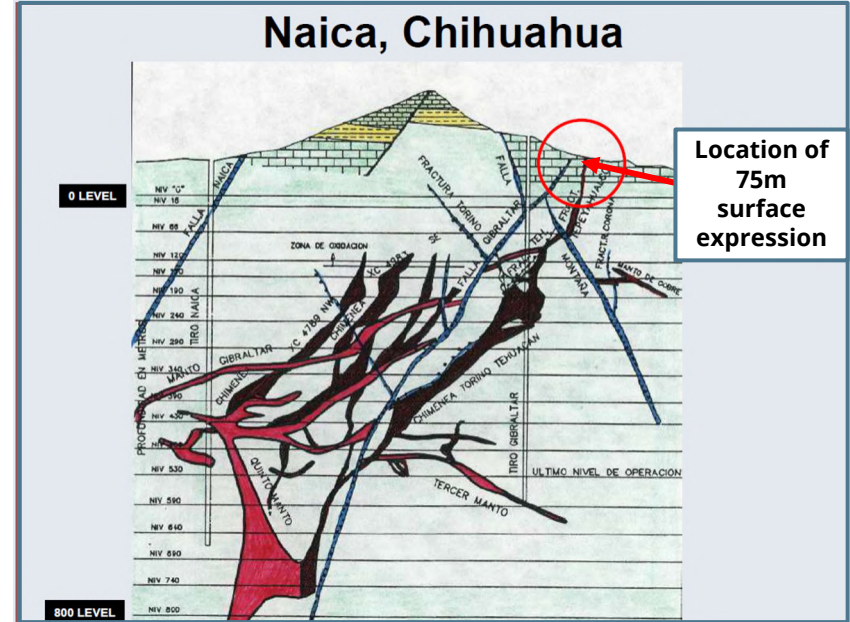
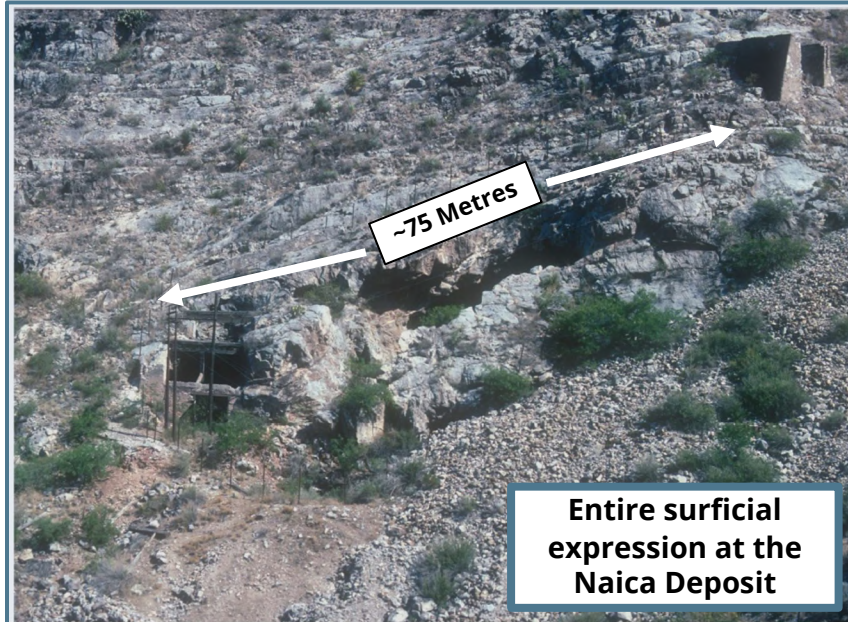


**Location of  
40m surface  
expression**

(After Megaw, 2021)

# Naica Deposit Comparable

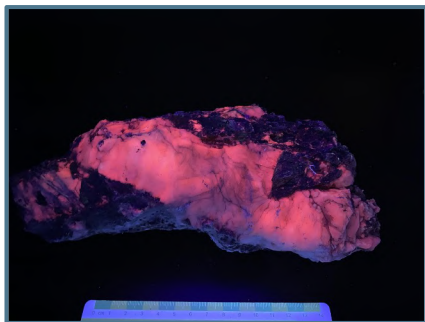
(>45MT Zn + Pb + Ag Deposit in Mexico)



(After Megaw, 2021)

# Vectoring for CRD's & Porphyries

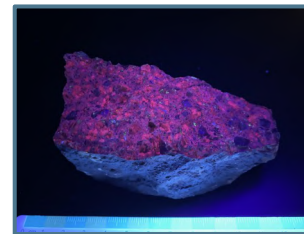
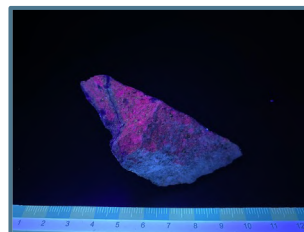
Fugitive Calcite from  
Blue under UV light



## BBQ Rock

Low wave UV light is a useful inexpensive tool for  
core logging, mapping and finding the source

Altered intrusive rocks at Blue also exhibit  
fluorescence indicating contact with mineralized fluids



UV Light at Deer  
Trail Project, Utah

Towards Source



(Mag Silver Deck, 2021)



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