



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

CORPORATE PRESENTATION JANUARY 2023

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.Geol. (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

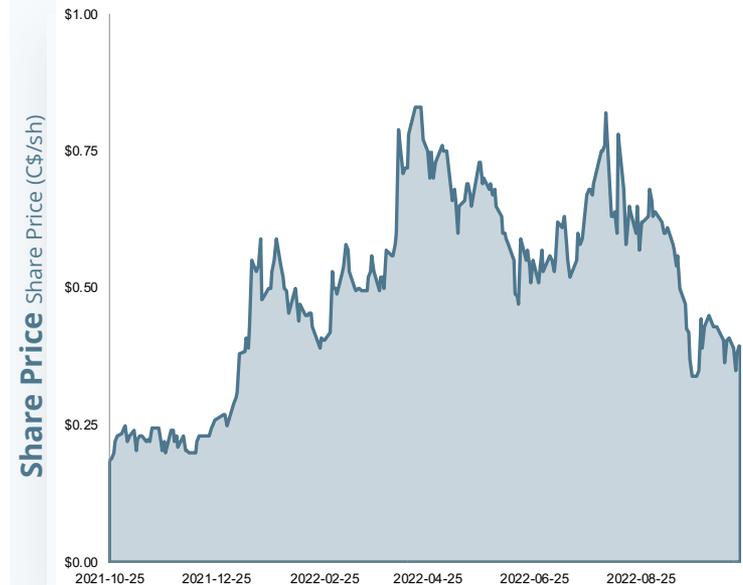
Insiders collectively hold 25% of the shares outstanding.

## Capitalization Structure Millions; excluding share price

Basic Shares Outstanding	76.83
Warrants	15.42
Options	6.84
<b>Fully Diluted Shares Outstanding</b>	<b>99.09</b>
Current Share Price <sup>1</sup>	\$0.30
Market Capitalization	\$23.05
Insider Ownership	25%

<sup>1</sup>As of January 13, 2023

## 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



**Dave Hodge**  
DIRECTOR

Mr. Hodge, has an extensive background in business that includes over 25 years experience in the management and financing of publicly-traded companies. Mr. Hodge is currently the President and a director of Zimtu and the CEO and a director of Commerce Resources Corp., a junior mining company listed on the TSX-V, roles he has held since July 2008 and September 2014 respectively.



**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.



**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.



**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.



**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.



**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.

# 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 1,116 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

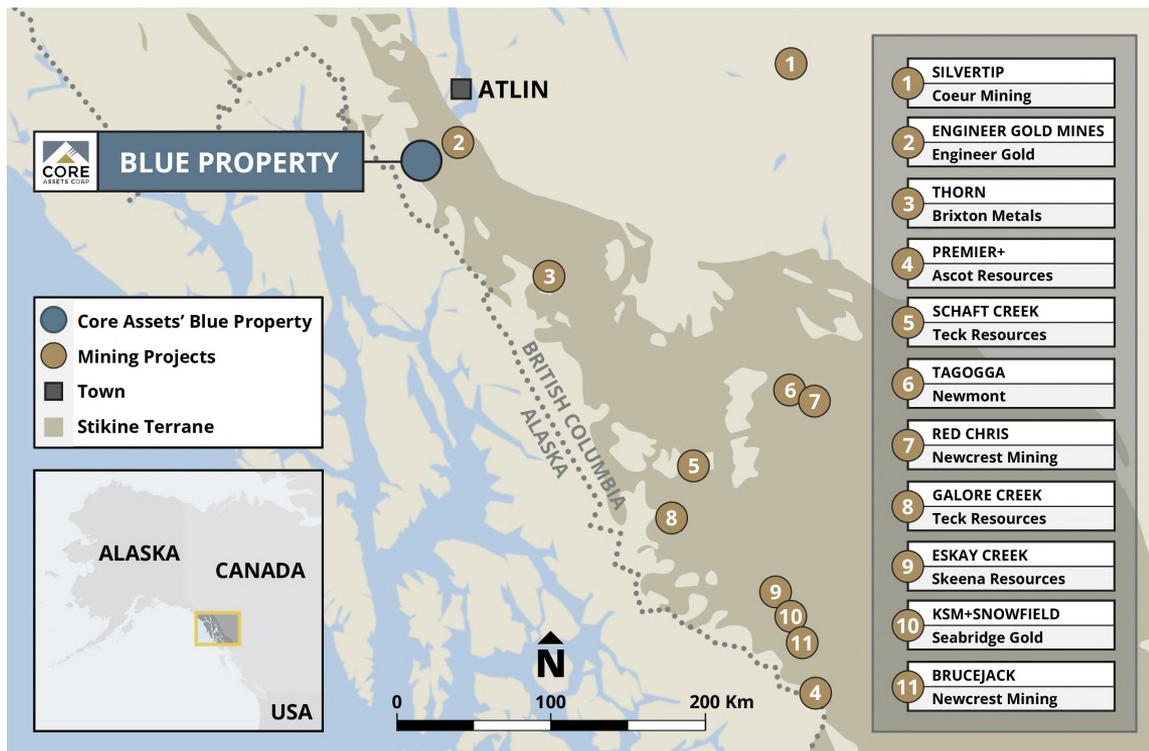
The Blue Property contains one of the largest and highest grade documented surficial expressions of any early stage CRD project, with indications of a potential large porphyry feeder stock nearby.

## 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 carbonate replacement over a 6.6km by 1.8km mineralized area.

## Successful maiden 2022 exploration program

All holes completed at the Silver Lime Project in 2022 intersected skarn and chimney-style massive sulfide carbonate replacement deposit (CRD) feeders, which are believed to be continuous and interconnected at depth tracing back to the porphyry source(s).



# 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

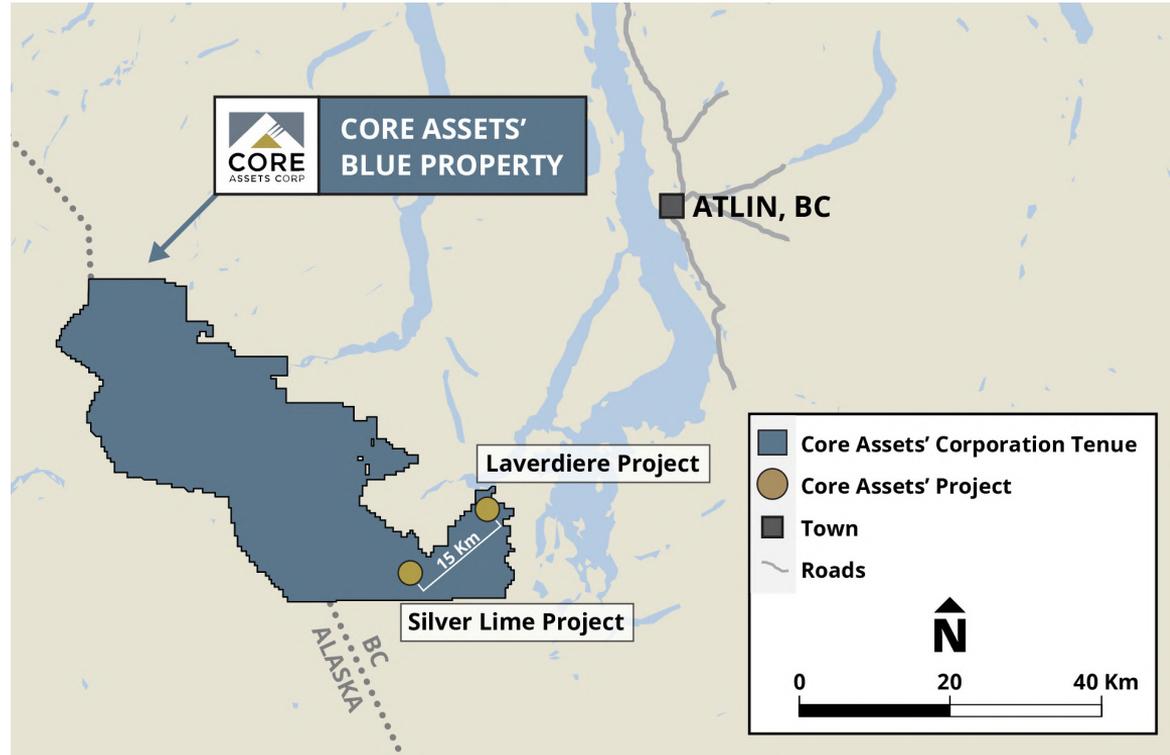
**1,116 km<sup>2</sup> district scale contiguous land position** in British Columbia's prolific Atlin Mining District

**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



# 2022 Exploration Summary – 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

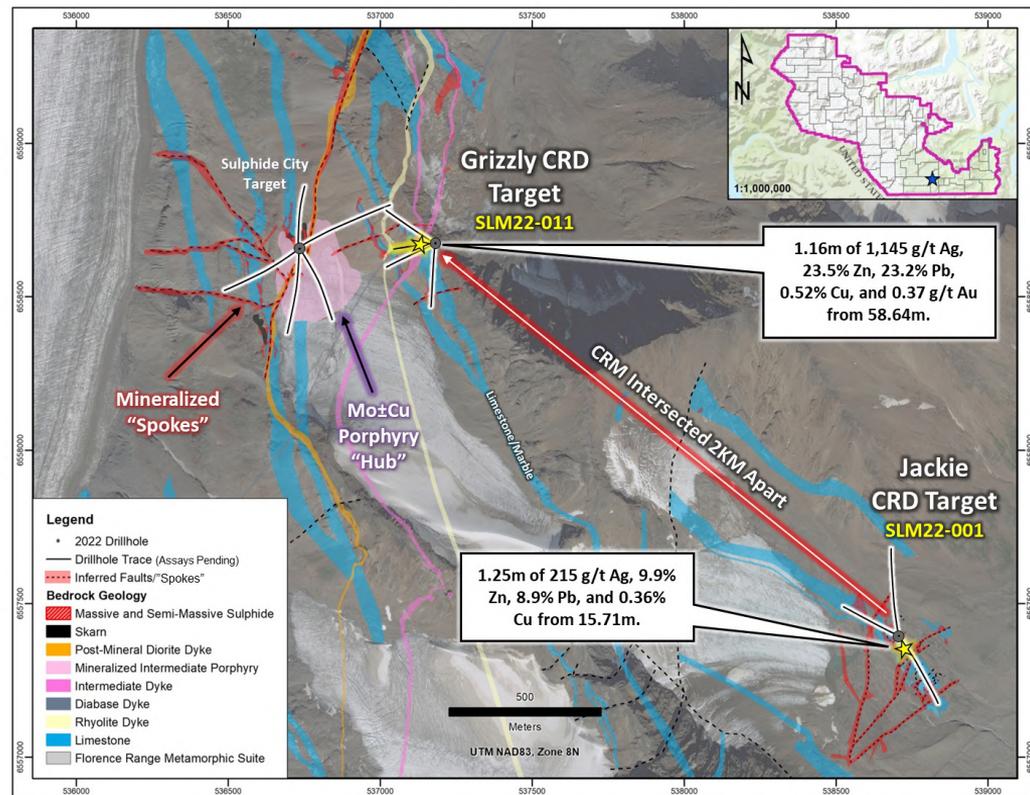
- Carbonate replacement, skarn, and porphyry mineralization drilled over significant widths in all holes
- Diamond drilling at the Sulphide City Target intersected a Mo-Cu-bearing, QSP and potassic altered, intermediate porphyry intrusion believed to be one of the sources feeding the >250 high-grade carbonate replacement mineralization (CRM) occurrences observed at surface

## Grizzly Target – Carbonate Replacement Massive Sulphide

- 1,497 meters of diamond drilling has been completed at the Grizzly Target, with high-grade carbonate replacement, mineralized dyke-contact skarn and endoskarn intersected in all holes
- Rushed analysis of intercepts observed in SLM22-011 returned **1.97m** of carbonate replacement massive sulphide mineralization grading **661g/t Ag, 13.2% Zn, 14.0% Pb, 0.27% Cu and 0.22g/t Au**

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

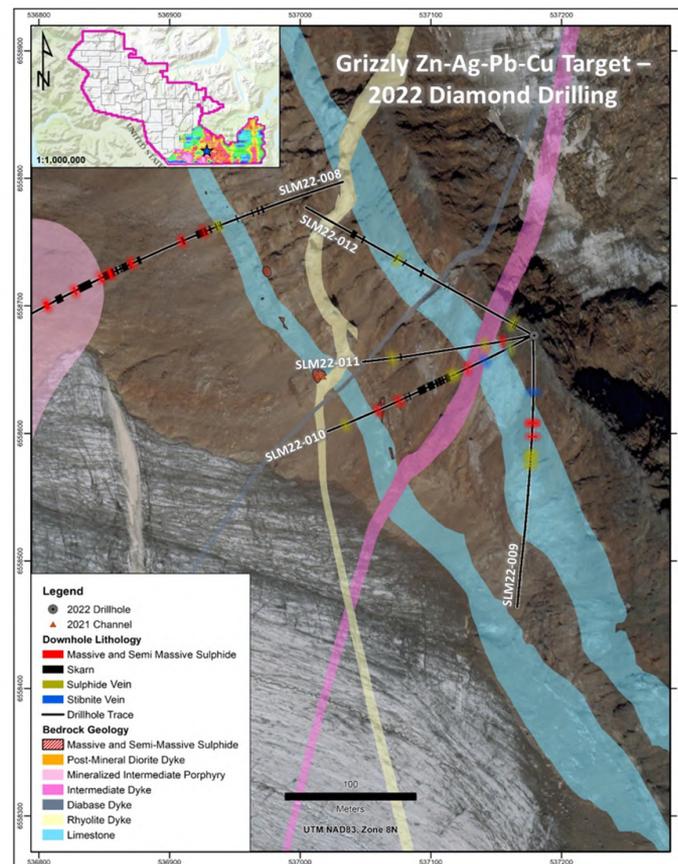
- 1,299 metres of HQ-sized diamond drilling has been completed at the Jackie Pb-Ag-Zn-Cu carbonate replacement (CRD) target with massive to semi massive CRM intersected in all holes and concentrated near surface
- These preliminary results indicate that this system is large, and has undergone many pulses of metal-bearing ore fluids from more than one potential source



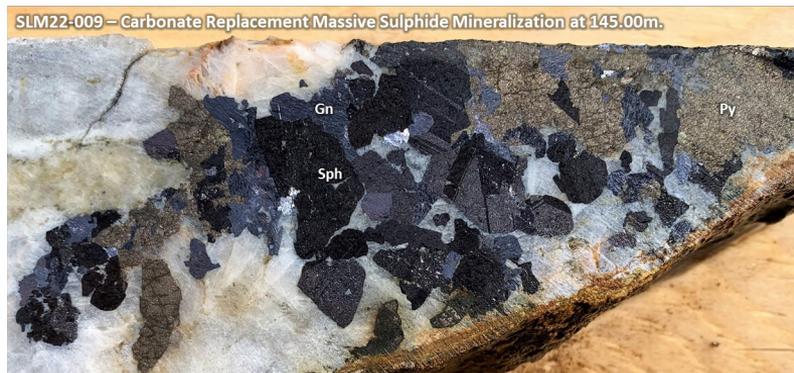
# Grizzly Target – High Grade CRD

- 2022 diamond drilling efforts at the Grizzly CRD Target tested surficial mineralized structures and proved that **high-grade mineralization observed at surface is continuous at depth**
- Select assays from SLM22-011 (Grizzly CRD Target) returned 1.97m of carbonate replacement massive sulphide mineralization grading **661g/t Ag, 13.2% Zn, 14.0% Pb, 0.27% Cu, and 0.22g/t Au** including 1.16m of **1,145g/t Ag, 23.5% Zn, 23.2% Pb, 0.52% Cu, 0.37g/t Au**
- All massive and semi-massive sulphide CRD intercepts are believed to be continuous and interconnected at depth tracing back to the porphyry source
- There are **>250 known carbonate replacement mineralization occurrences** remaining to be developed for drill testing and Core Assets awaits full assay results for an additional **13 holes totalling 5,355 metres** completed at the Silver Lime CRD-Porphyry Project in 2022

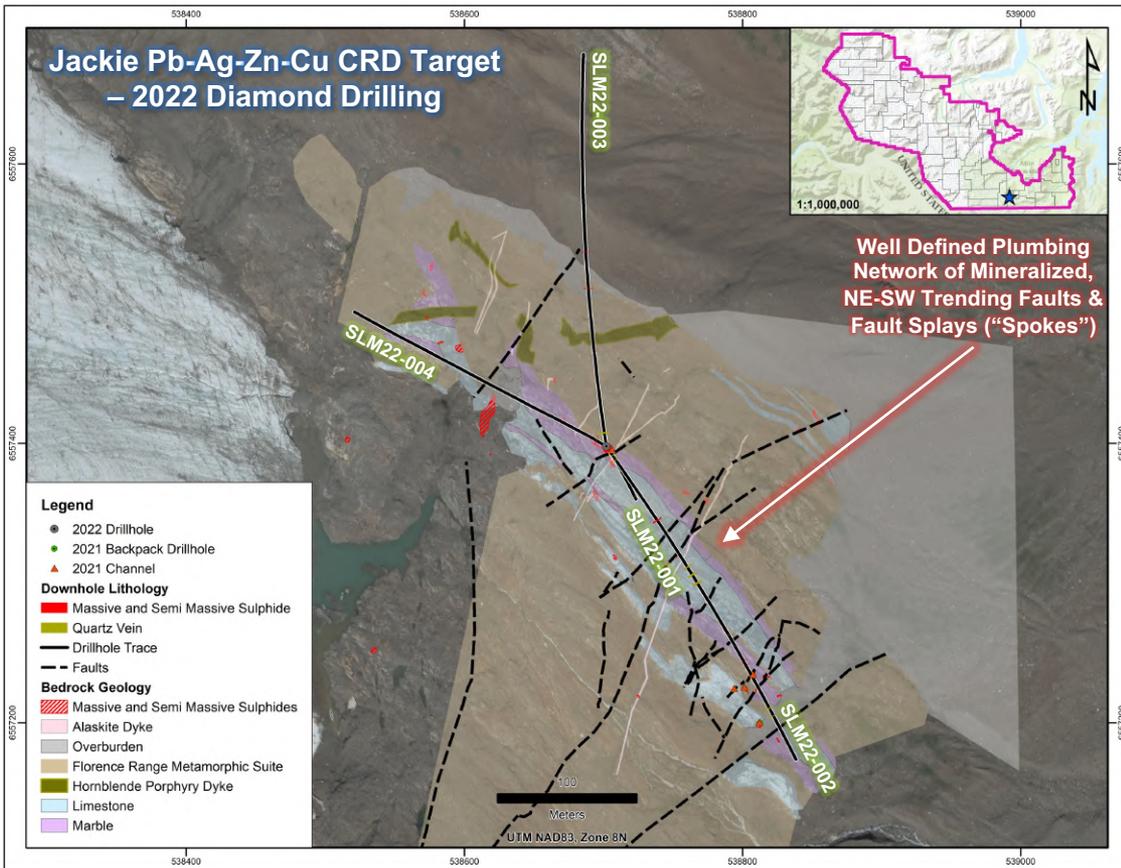
The 2022 drilling season improved the structural understanding of the host limestone beds and will enable Core Assets to step out into thicker limestone beds and drill where the larger volumes of CRD mineralization will likely be hosted



# Mineralization Styles in Drill Core at the Silver Lime CRD-Porphyry Project – Sulphide City & Grizzly Targets



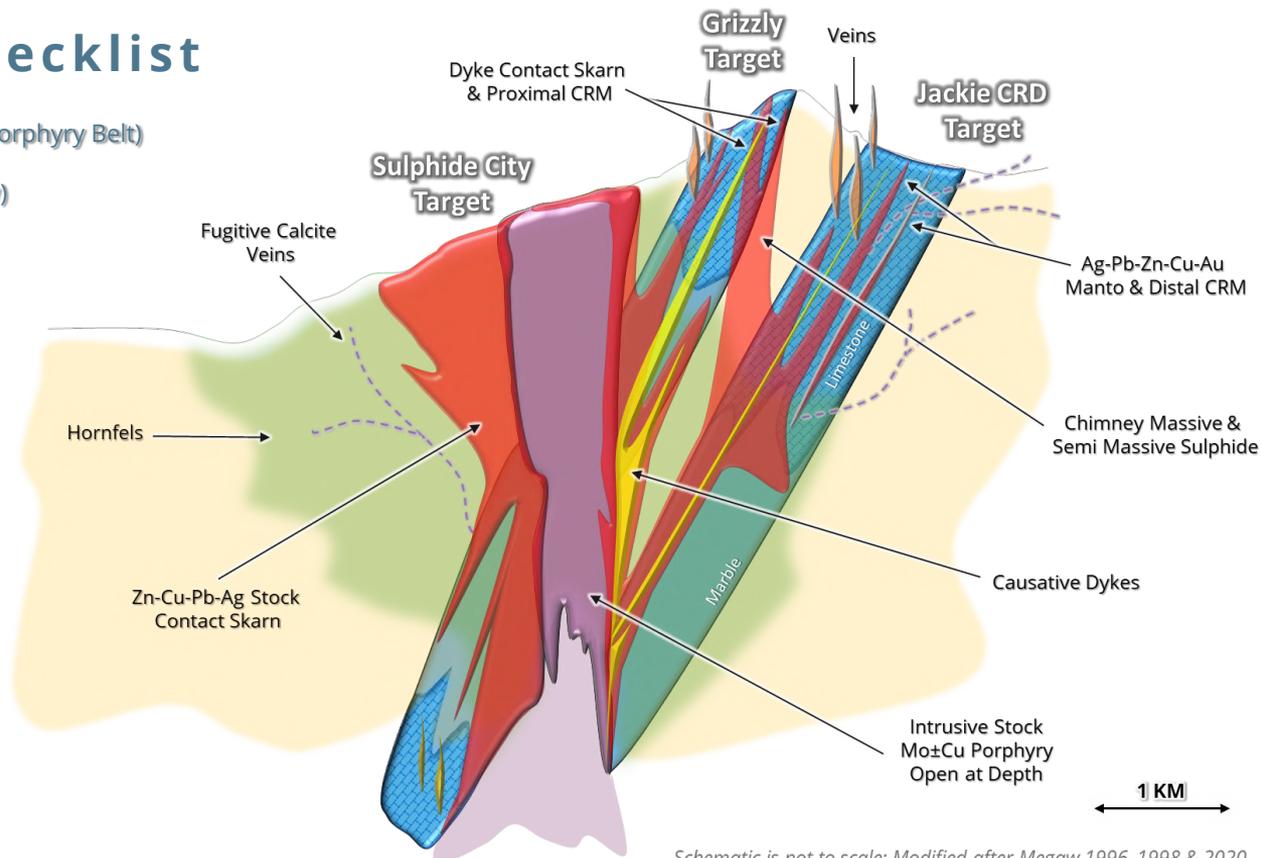
# Mineralization Styles in Drill Core at the Silver Lime CRD-Porphyry Project – Jackie CRD Target



# 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)

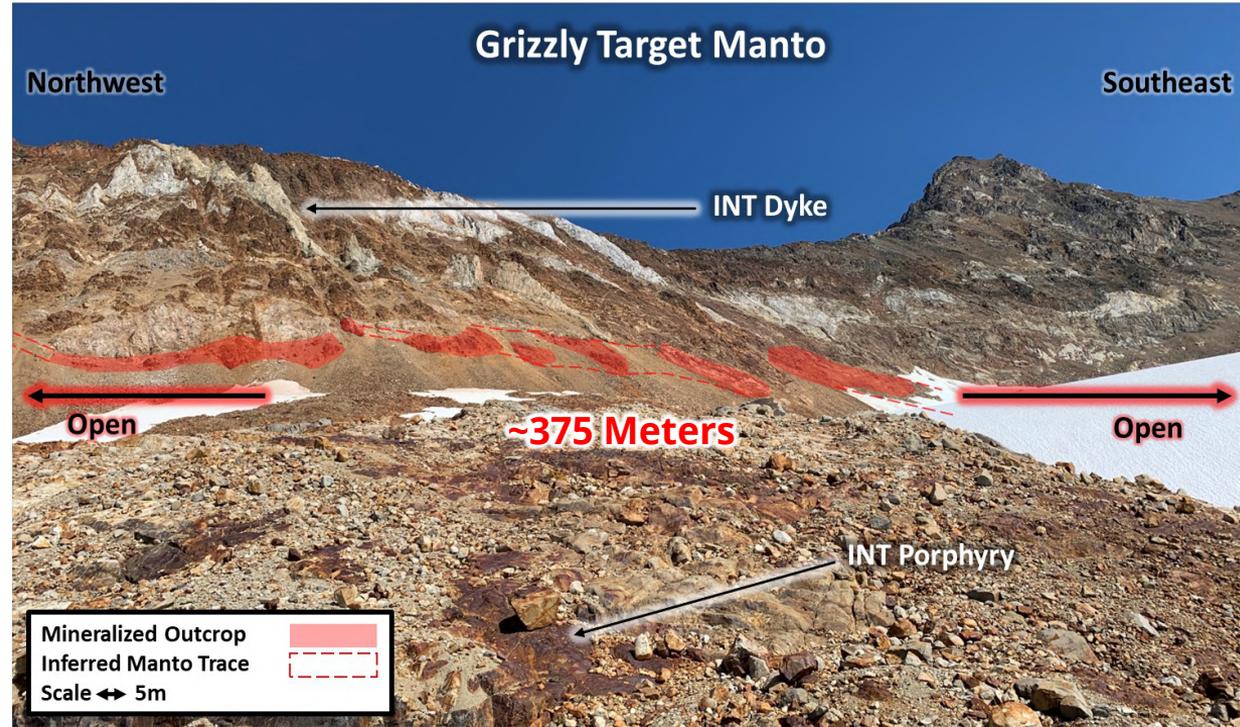


Schematic is not to scale; Modified after Megaw 1996, 1998 & 2020

# Grizzly Discovery Exploration Progression

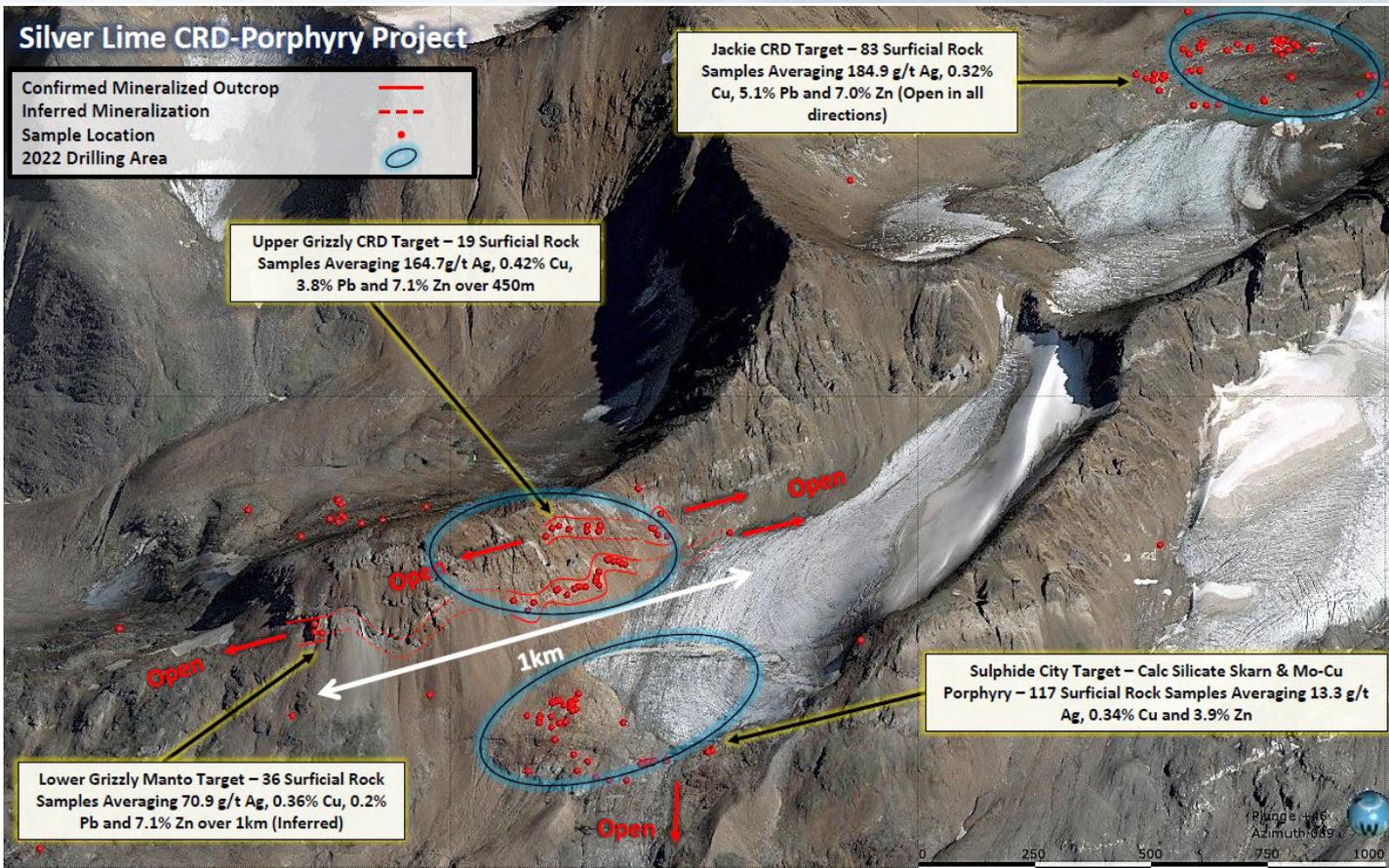
## Development of the Grizzly Target in 2021/2022:

1. Assay values from 44 samples returned averages of **8.2% Zn, 1.8% Pb, 0.40% Cu and 110 g/t Ag over >500m (2021)**
2. 10 channel samples were collected with one returning values of **175g/t Ag, 0.28% Cu, 0.31% Pb, and 10% Zn over 1.0m; including 0.5m of 222g/t Ag, 0.28% Cu, 0.38% Pb and 7.2% Zn (2021)**
3. SLM22-011 (Grizzly CRD Target) returned 1.97m of carbonate replacement massive sulphide mineralization grading **661g/t Ag, 13.2% Zn, 14.0% Pb, 0.27% Cu, and 0.22g/t Au** including 1.16m of **1,145g/t Ag, 23.5% Zn, 23.2% Pb, 0.52% Cu, 0.37g/t Au (2022)**
4. Utilize improved structural understanding of the system to delineate the mineralized plumbing network and locate thicker intercepts for future drilling **(2023)**

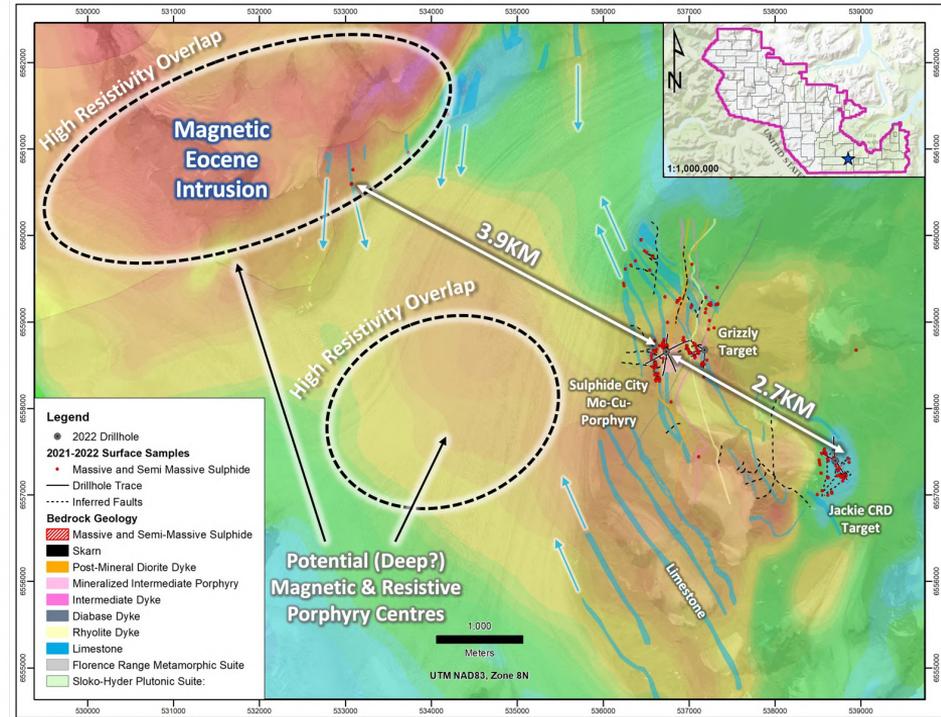
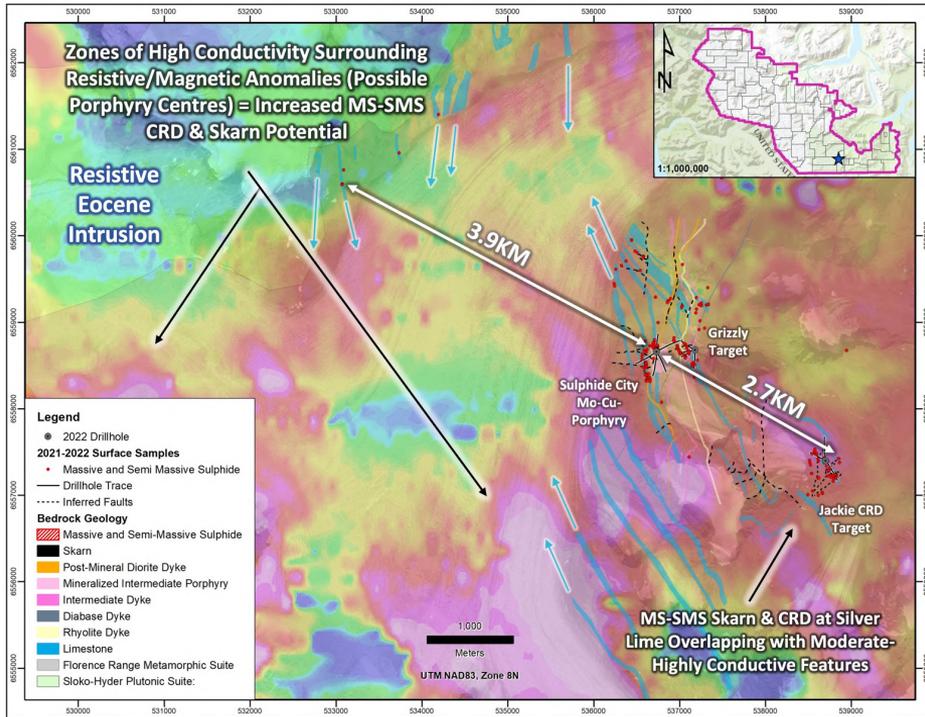


Overall grade of mineralized host structures increases with depth

# 2021 Prospecting Summary – Silver Lime Project



# 2021 VTEM Survey: Magnetics & Resistivity of The Silver Lime Project





# Laverdiere – Transformative Discovery of a High-Grade Copper-Gold Zone in 2022

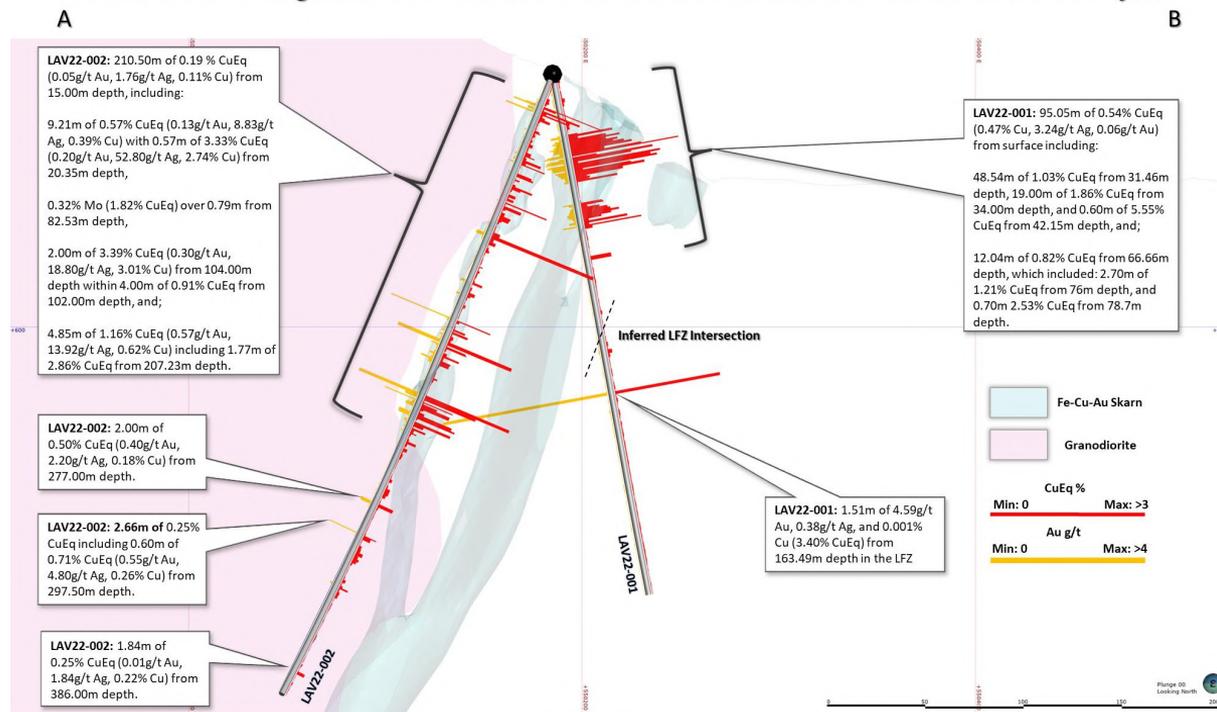
The first two drill holes of the 2022 exploration campaign successfully confirmed the discovery of significant high-grade **copper-gold skarn mineralization from surface with associated porphyry copper mineralization that remains open at depth**

LAV22-001 was drilled steeply to the east for a 268 metre core depth and intersected strongly mineralized and altered drill core returning **95m of 0.54% CuEq<sup>1</sup>** Including **48.5m of 1.03% CuEq**, as well as a **1.51m gold zone grading 4.59 g/t Au**

LAV22-002, the deepest drill hole completed on the property to-date, was oriented southwest and intersected **225.5m of alternating marble, Fe-Cu-Au skarn, and mineralized endoskarn and ended in copper-bearing granodiorite porphyry**

Holes LAV22-003 through LAV22-006 have intersected similar Cu-bearing skarn and porphyry-style mineralization and assays are currently pending

**Cross Section Looking North of 3D Modelled Fe-Cu-Au Skarn and Granodiorite at the Laverdiere Project**

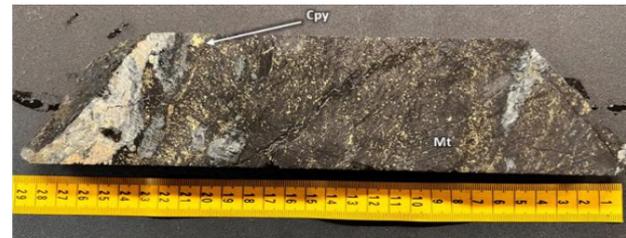


<sup>1</sup>See Core Assets news release August 8, 2022

# High Grade Copper Intercepts at Laverdiere

Table 1: Assay Results Highlights for LAV22-001

DDH	From (m)	To (m)	Interval (m)	Au g/t	Ag g/t	Cu %	CuEq %
LAV22-001	0.95	268.00	267.05	0.04	1.43	0.17	0.21
<i>Including</i>	0.95	96.00	95.05	0.06	3.24	0.47	0.54
	31.46	80.00	48.54	0.11	5.80	0.90	1.03
	32.00	52.00	20.00	0.18	9.79	1.56	1.78
	34.15	53.15	19.00	0.19	10.20	1.64	1.85
	39.50	53.15	13.65	0.20	10.70	1.75	1.98
	39.50	42.75	3.25	0.20	14.48	2.32	2.60
<i>and</i>	41.55	42.75	1.20	0.33	26.00	4.12	4.58
<i>and</i>	42.15	42.75	0.60	0.36	33.00	5.01	5.55
<i>Including</i>	46.55	53.15	6.60	0.20	10.81	1.79	2.03
<i>and</i>	46.55	49.50	2.95	0.28	14.07	2.28	2.61
<i>Including</i>	66.66	78.70	12.04	0.09	4.63	0.71	0.82
	76.00	78.70	2.70	0.12	6.97	1.06	1.21
	78.00	78.70	0.70	0.25	13.00	2.24	2.53
<i>and</i>	163.49	165.00	1.51	4.59	0.38	-	-



# 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)



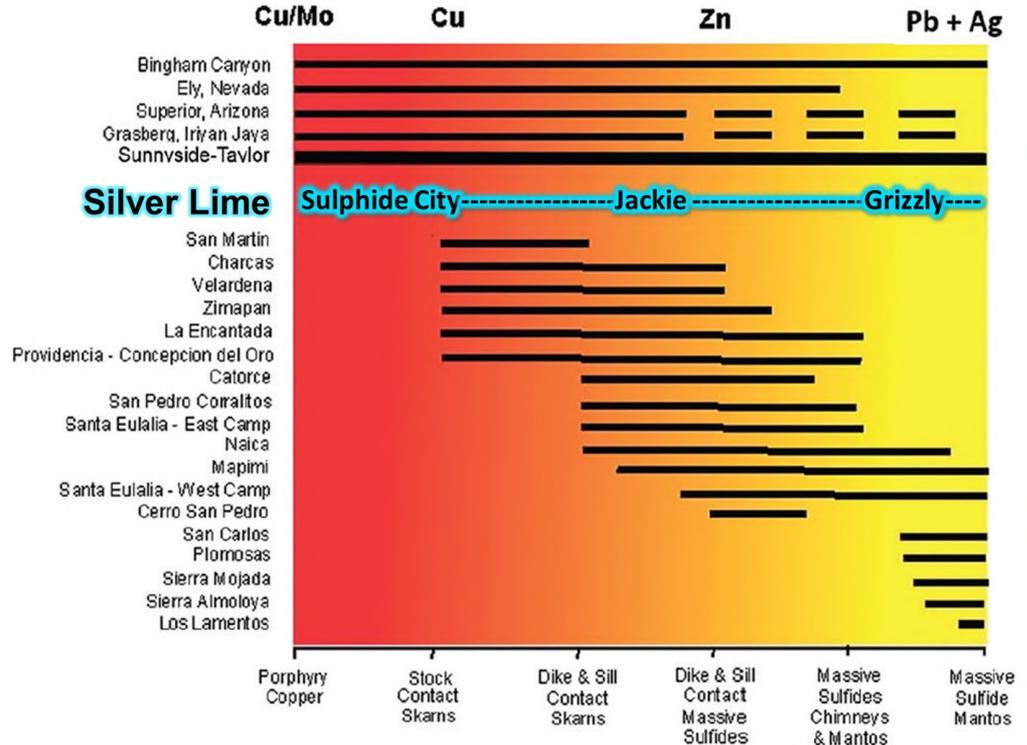
# CRD-Porphyry Continuum Model

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.

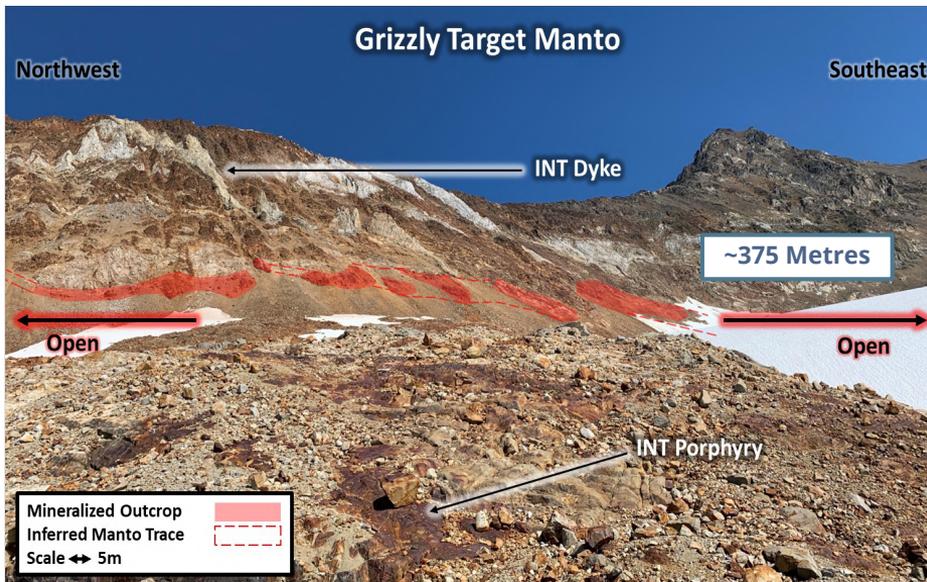
## SPECTRUM OF CARBONATE REPLACEMENT DEPOSITS



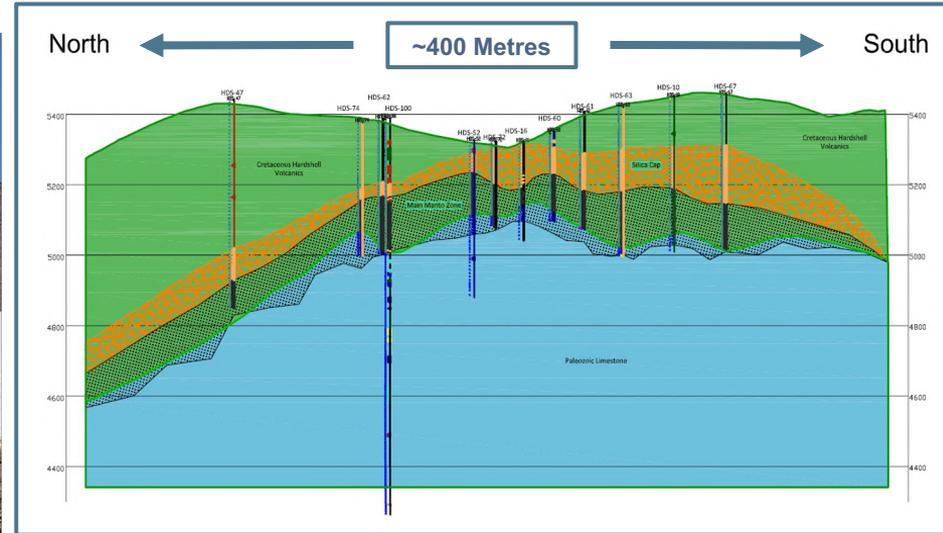
# Appendix

# Grizzly Manto Compared to Taylor Manto

## Grizzly Manto Long Section



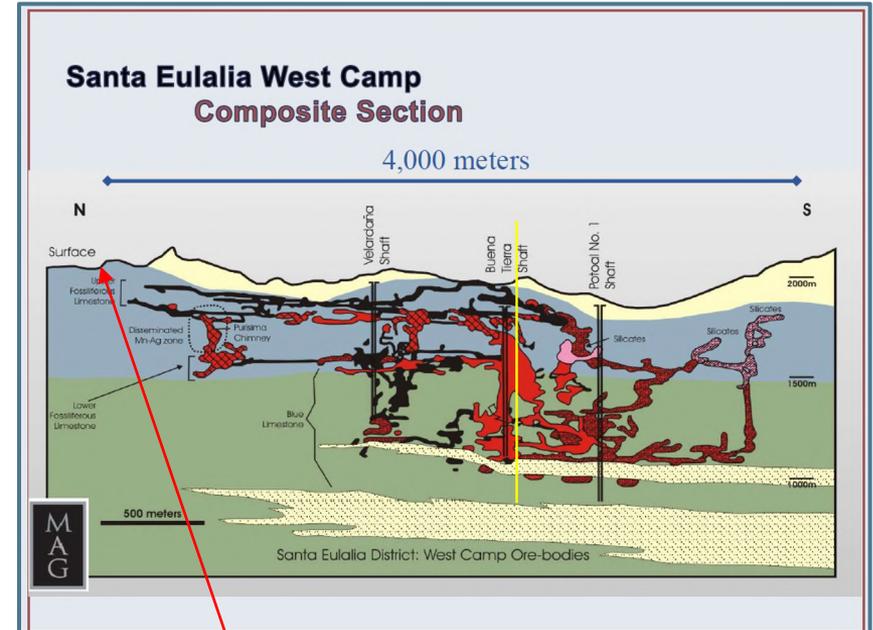
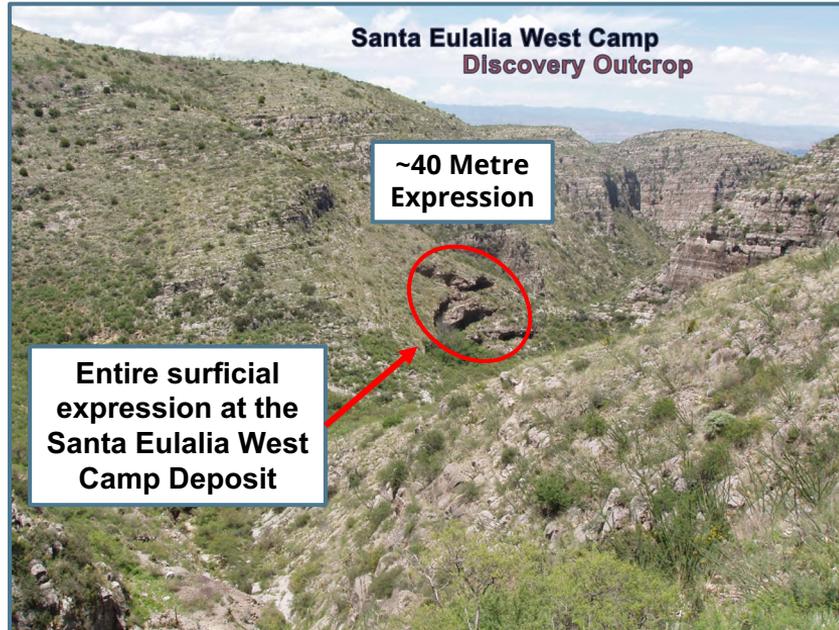
## Taylor Deposit Long Section



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

# Santa Eulalia Deposit Comparable

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

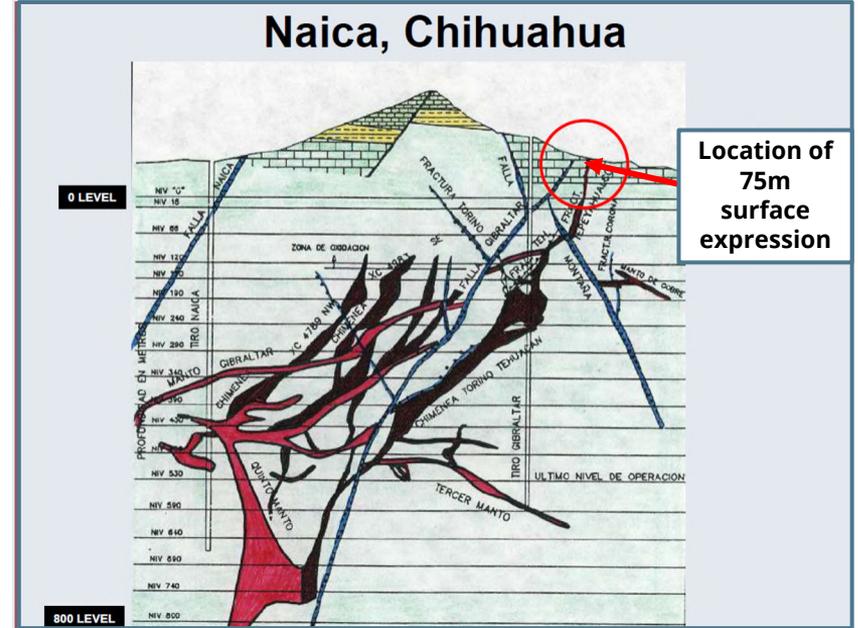
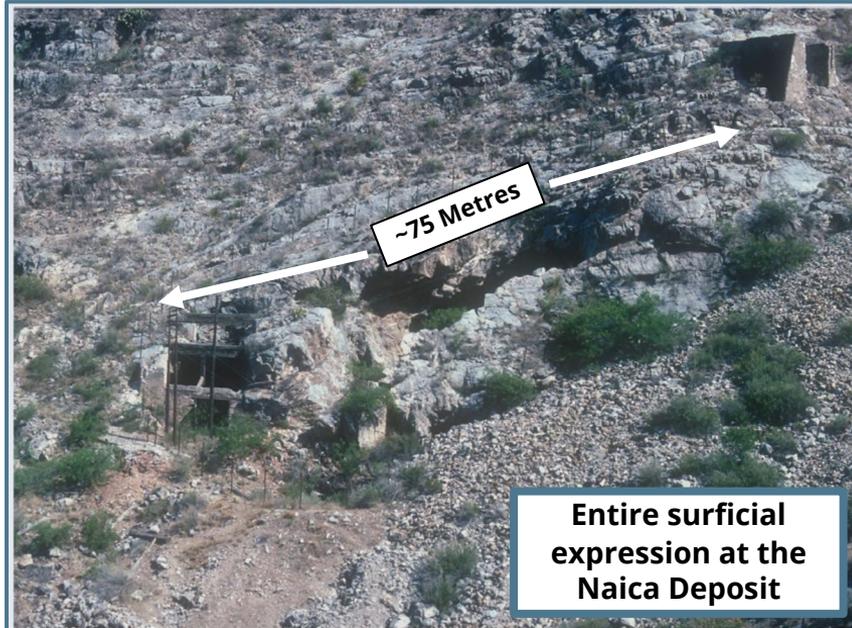


**Location of  
40m surface  
expression**

(After Megaw, 2021)

# Naica Deposit Comparable

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



(After Megaw, 2021)

# Vectoring for CRD's & Porphyries

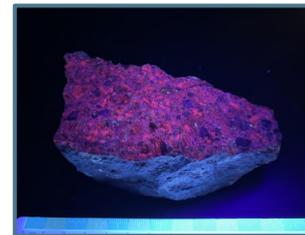
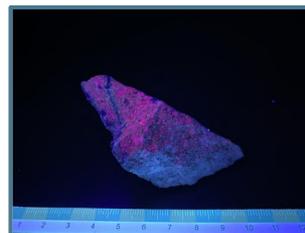
Fugitive Calcite from  
Blue under UV light



## 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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