

# **British Columbia's Most Northern Porphyry/CRD Project**

**Trading Symbol CSE:CC | Frankfurt 5RJ** 



# 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, President and Chief Executive Officer of Core Assets Corp., a qualified person as defined under National Instrument 43-101.



# Core Assets Capital Structure



| Shares Outstanding | 40,232,701                                   |
|--------------------|--|
| Warrants           | 12,177,767                                   |
| Options            | 3,635,000                                    |
| Fully Diluted      | 56,045,468                                   |
| Shareholders       | Management/Directors: 16% Institutional: 18% |
| Market Cap*        | \$3.2M                                       |

\*as of August 5, 2021

## Management & Advisors





Nick Rodway, P.Geo President & CEO

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.



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. Sean 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.



Scott Rose
Director

Mr. Rose has over 35 years' experience in finance and investment where he has played important roles in corporate financings for various publicly-traded companies throughout his career. Mr. Rose serves Zimtu as a corporate communication specialist, where he focuses on presenting Zimtu's investment message to its shareholders and the general investment community. Mr. Rose has held his role at Zimtu since June 2016.



Jody Bellefleur, CPA, CGA

CFO

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.



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.

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.



Alicia Milne Director

Ms. Milne has been providing corporate and securities compliance as well as corporate secretarial services to publicly listed companies since 2007 and has years of management experience, specializing in corporate governance and compliance for public companies listed on the NYSE, TSX and TSX-V



# Why Copper?



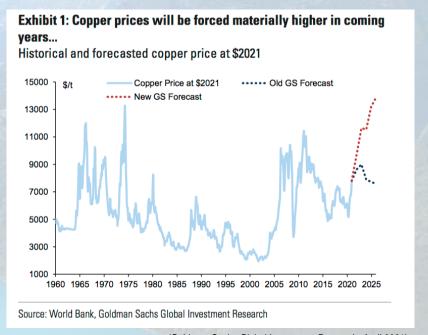
# The world needs responsibly mined metals like copper and silver to help transition to a cleaner, low carbon future

# **Copper Themes – Transition Towards Green Energy**

#### Long-term copper demand supported by green energy

- Metals are at the heart of the new commodity super cycle, and green demand is at the heart of the metals price rally
- Secular shift from production based on chemical energy (oil and gas), to one based on a range of sustainable sources
- Acceleration in green electrification trends set to drive strongest decade in copper demand growth post-2000
- Market sentiment remains extremely bullish on long-term copper prices

#### Copper Price Projections



(Goldman Sachs Global Investment Research, April 2021)

# Why Silver?

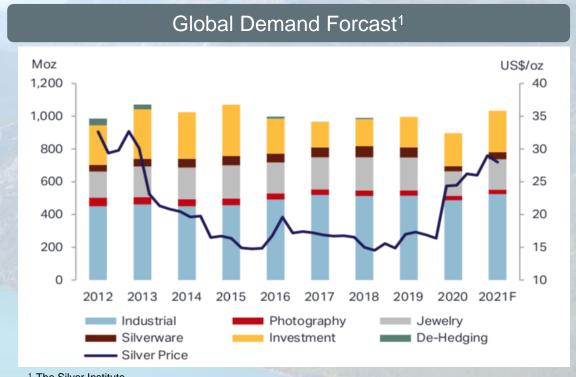


## Industrial demand globally is expected to see an 8% rise this year to a record high for our series back to 2010 of 524.0 Moz<sup>1</sup>

#### Silver Themes – Increased Demand from Industrial **Applications**

#### "Green revolution" will be highly positive for silver

- Battery electric vehicles contain up to twice as much silver as ICE-powered vehicles, with autonomous vehicles requiring even more due to their complexity
- Increased solar panel development will continue to drive an already robust segment of the silver market, which consumes approximately 100 million ounces a year
- President Biden's expansion plan for 5G technology within the US will be a strong demand driver of silver



<sup>&</sup>lt;sup>1</sup> The Silver Institute

# Why the Blue Property?



#### Within geological terrane hosting known deposits including:

- Skeena Resources Eskay Creek ~CAD \$800M Mkt Cap
- Seabridge Gold KSM + Snowfield ~CAD \$1.6B Mkt Cap
- Pretium Resources Brucejack Mine ~CAD \$2.2B Mkt Cap

#### Potential for high-grade and large deposits

- Sampling of up to 4,870 g/t Ag, 8.3% Cu + >25% Zn & Pb
- Geophysical signature and alteration indicates potential for a porphyry stock near by

#### Opportunity for a district scale approach

- Massive land package-100% control-no Net Smelter Royalties-No outstanding option payments
- New technology and new geological model
- Follows on proven CRD/Skarn/Porphyry continuum model

#### Surge in M & A activity

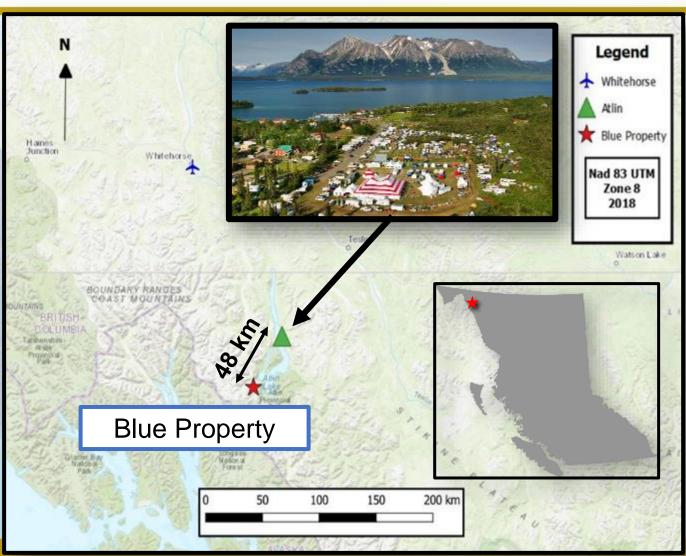
- Acquisition of Red Chris mine by Newcrest (US \$1.15B)
- Acquisition of GT Gold by Newmont (US \$365M)



#### Location & Infrastructure



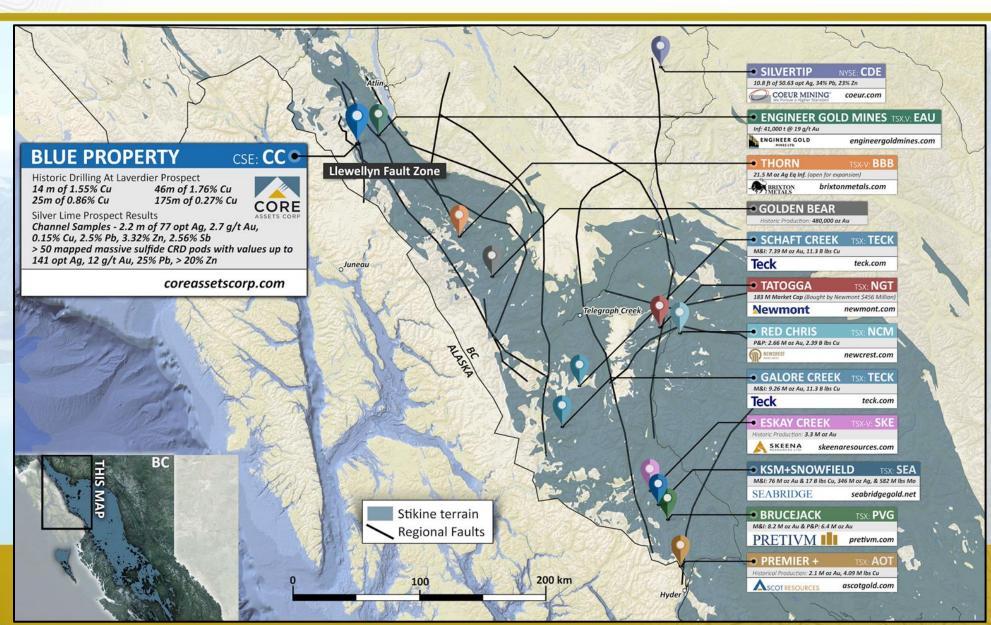
- Commanding 260 km<sup>2</sup> district scale land position in British Columbia's prolific Atlin Mining District
- Located 48 km southwest of Atlin, British Columbia (15-minute helicopter flight, accessible all season)
- Atlin & Tagish Lake provide cost effective exploration mobilization and potential low cost ore transportation
- All mining services available in Atlin including accommodations, heavy equipment and transportation
- All other services available by paved road in Whitehorse 170 km to the North



# BC is a Tier 1 Mining Jurisdiction

CORE

- Major projects of the Stikine Terrane are all located on large district scale fault systems
- Northern extent of the Stikine Terrane is largely unexplored



# What is a Carbonate Replacement Deposit (CRD)



- Hosted in carbonate (limestone or Dolomite)
- High temperature formation (>250 Deg Celsius)
- Epigenetic (younger than host rocks)
- Dominated by sulfide
- Intrusion related
- Polymetallic: Ag, Pb, Zn, Cu, Au
- Dominated by replacement
- Continuous mineralization to the source
- Polyphase (more stages, more complex = higher metals budget)

(After Megaw, 2021)



# Why CRD's are Significant



- CRD have 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%

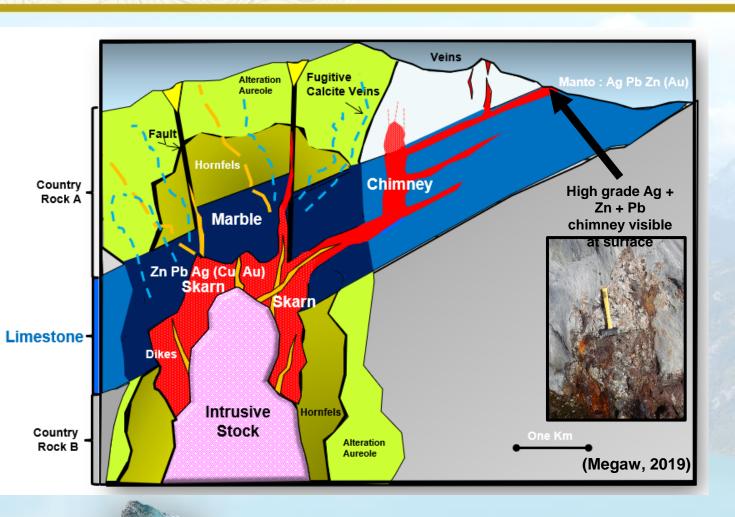
Au, Cd, Ge, In, W, Mo, PGE credits

- Low mining cost
- Metallurgically simple
- Minimal environmental footprint
- Opportunity to be related to district scale upside in additional porphyry and skarn systems (After Megaw, VIA MAG Silver Deck)



# Proven Genetic Model Paves Road to Discovery





#### **Model Guided Discovery of...**

Cinco de Mayo: Mag Silver

\$2 Billion Market Cap

**Taylor Deposit:** Arizona Mining

South 32 bought for \$1.8 Billion

Resolution Copper: RC Consortium

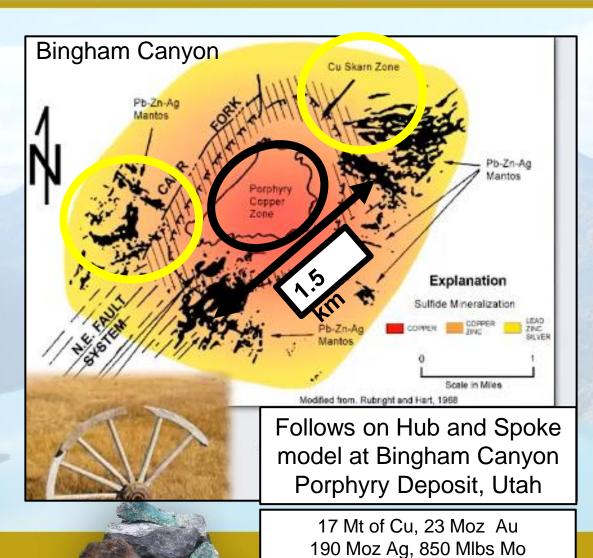
Estimated to produce 40 Boz Lbs of Cu over 40 years

Peñasquito: Newmont Goldcorp

Fifth largest silver mine in the world (17.8 Moz Au + 1,070 Moz Ag)

# Bingham Canyon Exploration Analogue

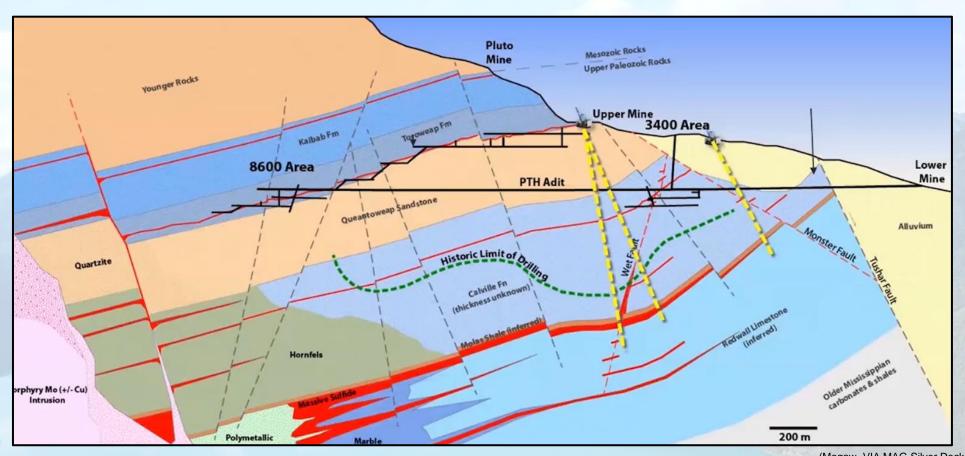




**Blue Property** Residual magnetics at Laverdiere Blue highlighting anomaly Cu = 8.32%(Cu Skarn) (Hub) surrounded by Au = 1 g/tskarns & mantos (Spokes) Ag = 42 g/tSilver Lime (Mantos) Ag = 4,870 g/tPb = >25%Zn = >25%

# Ore Geometry of CRD at Deer Trail Utah





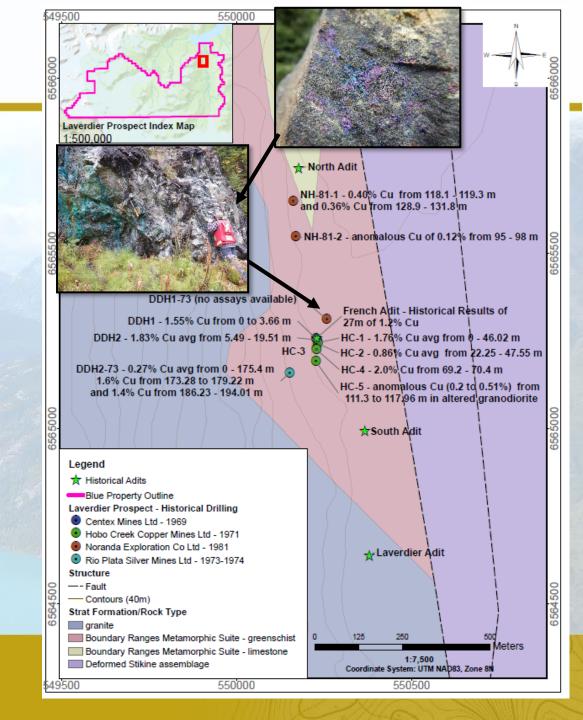
# Example of CRD ore geometry at Mag Silvers, Deer Trail Project, Utah

- Massive sulfide chimneys already located at surface at the Blue Property
- Following the model, find the mineralization at surface you can follow it to the source

(Megaw, VIA MAG Silver Deck)

# Laverdier Historic Drilling

- Historical Drill Highlights:
  - HC-1: 46.02m from surface at 1.76% Cu
  - DDH2-73: 175.4m from surface of 0.27% Cu
- Sample Highlights:
  - 15 of 18 grab samples returned copper values of 1.25% to 8.36%
  - Both north and south sampling locations (500m apart) along the Llewelyn Fault yielded gold assays averaging 1.0 g/t Au with Ag as high as 42.0 g/t
- Minimal drilling in granodiorite, heavy potassic alteration noted in historical core log indicating proximity to a potential porphyry stock
- Pursuing a CRD-Porphyry model



# Historic work at Silver Lime CRD Prospect

Flacon & Jackie Showings



#### 1990 Carmac Resources Work Program:

Historically focused on a massive sulfide veins as opposed to new CRD model

- Detailed geological mapping
- Channel sampling of 28 trenches totalling 129.8 Metres at Jackie Showing
- Channel sampling of 7 trenches totalling 15.0 Metres At Falcon Showing
- 365 rock chip samples.
- Geophysical magnetic and electromagnetic program totalling 5 line kilometres.

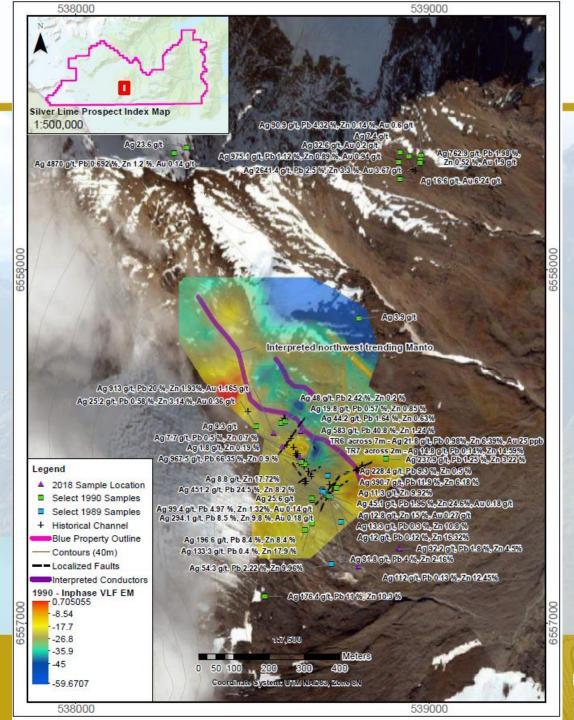
#### Highlights:

- 4,870 g/t Ag, 0.45% Cu, 1.3% Zn over 1 metre\*
- 2,387 g/t Ag, 2.7 g/t Au, 0.15% Cu, 2.50% Pb, 3.32% Zn, 2.56% Sb over 2.2 metres\*
- 1,023 g/t Ag, 0.16% Cu, 0.57% Pb, 0.75% Zn over 1.3 metres\*
- Geophysical survey highlighted a continuous conductor parallel to the showings that trends to the northwest off the survey area

\*indicates Channel Sample

# Sampling at Silver Lime

- High resolution ground EM survey defined continuous northwest tending highly conductive anomaly which fits the model as a CRD manto
- High grade channel samples up to 4,870 g/t
   Ag plus multiple grab samples returning up to 913 g/t Ag, >25% Pb and >25% Zn
- Explorations plan is to trace CRD chimneys seen at surface back to the source



# Silver Lime CRD Type Target





# Extensive historical work completed with no drilling to date





>50 mapped massive sulfide CRD pods 12 g/t Au 930 g/t Ag 25% Pb >20% Zn

2.56% Sb

# Vectoring for CRD's



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

UV light on Deer Trail Core



**Towards Source** 

# Blue Meets all Primary CRD Exploration Criteria



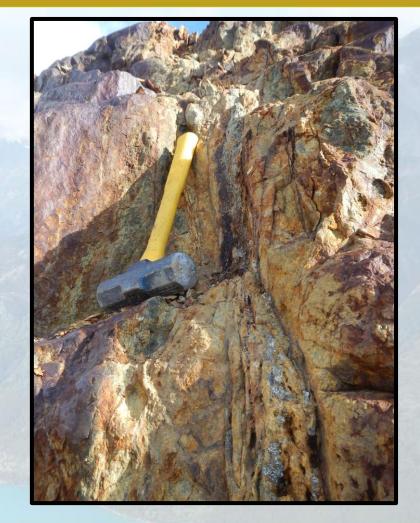
#### Primary CRD exploration Criteria

Location – On a known CRD/porphyry belt (geological) Location-Top of carbonate section (room to grow) Ag (+400 g/t), Au, Zn, Pb, Cu, +Mn, As, W...



#### Secondary CRD exploration Criteria

- Multiple mineralization and alteration stages
- Large scale zoning
- Presence of skarn
- Discordant geometry (= not syngenetic)
- Replacement mineralization
- High iron sphalerite
- Pyrite pseudomorphs after pyrrhotite
- Molybdenum mineralization
- Granitic stock contact Skarn = Target



(After Megaw, VIA MAG Silver Deck)

# 2021 Catalysts



- Opportunity for a both a high grade district scale CRD Ag-Pb-Zn-Au & Cu porphyry discovery using a proven exploration deposit model
- VTEM airborne survey currently being flown to better define targets
- Cash in the bank with low overhead costs; tight share structure
- Highly experienced technical team backed by strong marketing and community relations



# **Proposed Budget**



### Summer - Fall 2021

## Phase 1: \$900,000 CAD (Near Completion)

- 1. Airborne geophysical magnetics and EM Survey
- 2. Channel Sampling
- 3. Gridded bedrock sampling, geological mapping & petrography
- 4. High resolution drone imagery for base maps





## Contact



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