

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

Precious and Base Metals in Canada

CORPORATE PRESENTATION November 2021
Trading Symbol CSE:CC | Frankfurt 5RJ | OTC.QB CCOOF



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





Shares Outstanding	57,317,479	
Warrants	16,234,959	
Options	3,635,000	
Fully Diluted	77,187,438	
Shareholders	Management/Directors: 36%	
Market Cap*	~\$14.9M	
*as of October 1, 2021	And the set	1
	Trading Symbol CSE:CC	

## 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 Ltd., Arctic Star Exploration Corp., Eyecarrot Innovations Corp. and Voltaic Minerals.



Director of Maple Gold Mines



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.



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



- One of the largest and highest grade documented surficial expressions of any early stage CRD project, with indications of a large porphyry feeder stock near by
- Located in the last unexplored area of BC's prolific Stikine Terrane
- Has all the right geological ingredients to produce a world class CRD-Porphyry Skarn Deposit
- More easily accessible then other projects located in the "Golden Triangle" to the South
- Core Assets owns the whole district giving opportunity to find many more discoveries
- Channel sampling, high resolution geophysical and petrography results pending, news flow into the new year
- Cash in the bank & tight share structure
- Young driven technical team hungry for discovery

## 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



Global Demand Forcast<sup>1</sup>

<sup>1</sup> The Silver Institute

## Location & Infrastructure



- Commanding 1,083 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



## **District Scale Exploration Analogue**





## Newly Defined Grizzly Manto



- Two sub-parallel Zn-Pb-Ag-Cu rich carbonate replacement manto zones were discovered and sampled over a strike length of >500m with widths up to 5m
- Assay values from 44 samples returned averages of 8.2% Zn, 1.8% Pb, 0.40% Cu and 110 g/t Ag over 500m
- Mineralization remains open in both directions along strike and at depth



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





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





## Taylor Deposit Comparable (>150MT Zn + Pb + Ag Deposit in Arizona)





## Newly Defined Grizzly Manto Surficial Expression At The Blue Property





## Newly Defined Mineralized Spokes at Silver Lime



- 91 samples returned assay values from 0.20% to 9.92% Cu, with 10 samples returning >1.04% Cu
- 58 samples returned assay values from 110 g/t to 2,020 g/t Ag with 17 samples returning >417 g/t Ag
- 115 samples returned assay values from 1.04% to >30% Zn, with 41 of those samples returning >10.15% Zn
- 53 samples returned assay values from 1.01% to >20% Pb with 33 samples returning >5.59% Pb
- 9 samples returned assay values from 1.03 to 6.75 g/t Au



## Proven Genetic Model Paves Road to Discovery





Model Guided Discovery of... <u>Cinco de Mayo</u>: Mag Silver **\$** \$2 Billion Market Cap <u>Taylor Deposit</u>: Arizona Mining **\$** South 32 bought for \$1.3 Billion <u>Resolution Copper:</u> 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)

# 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, 10.0% Cu + >25% Zn & Pb
- Geophysical signature and alteration indicates a porphyry stock near by. +20km's of mapped carbonate beds
- >500m of continuous CRD mineralization discovered in 2021

#### **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-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)



#### Laverdier Cu Prospect 2020

# BC is a Tier 1 Mining Jurisdiction



- Major projects of the Stikine Terrane are all located on large district scale fault systems
- Northern extent of the Stikine Terrane is unexplored
- Core Assets controls a massive area of newly deglaciated terrane



# 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 understood
- Minimal environmental footprint
- Opportunity to be related to district scale upside in additional porphyry and skarn systems

(After Megaw, VIA MAG Silver Deck)



## 2021 Discovery Results Recap Copper + Silver







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## 2021 Select Discovery Results Recap & Zinc Map



Sample				Sample	Ag	Cu	Pb	Zn	Au
ID	Area	Easting	Northing	Type	(g/t)	(%)	(%)	(%)	(g/t)
152014	Jackie	538559	6557069	Outcrop	2020	0.16	12.85	2.90	0.16
152027	Jackie	538687	6557430	Outcrop	1090	2.00	>20.0	5.73	0.1
152030	Jackie	538747	6557315	Outcrop	172	0.67	11.80	9.38	0.02
152031	Jackie	538746	6557287	Outcrop	193	0.73	13.80	11.35	0.01
152033	Jackie	538764	6557207	Subcrop	473	0.19	9.64	9.15	0.01
152174	Jackie	538612	6557421	Outcrop	277	0.82	11.50	15.70	0.03
152190	Jackie	538613	6557197	Outcrop	341	0.24	11.90	10.15	0.01
152197	Jackie	538810	6557197	Outcrop	1530	0.23	>20.0	14.60	0.02
152199	Jackie	538809	6557222	Outcrop	328	0.53	17.20	5.60	0.02
152227	Jackie	538806	6557236	Outcrop	593	1.86	>20.0	3.48	0.1
152228	Jackie	538819	6557233	Outcrop	417	0.96	17.50	2.86	0.13
152136	Grizzly	537110	6558638	Outcrop	354	0.49	19.15	4.74	0.2
152137	Grizzly	537112	6558639	Outcrop	672	1.55	14.20	1.75	0.01
152139	Grizzly	537104	6558666	Outcrop	9.8	0.19	0.08	>30	0.01
152143	Grizzly	537073	6558741	Outcrop	336	0.14	3.29	8.22	0.01
152154	Grizzly	536976	6558725	Outcrop	81.7	1.15	0.01	9.17	0.01
152164	Grizzly	537218	6558393	Outcrop	424	0.03	8.52	3.46	1.03
152176	Grizzly	537015	6558644	Outcrop	481	0.34	0.81	8.58	0.02
152179	Grizzly	537059	6558622	Outcrop	87.5	0.67	0.20	13.40	0.02
152181	Grizzly	537067	6558598	Outcrop	113	0.40	0.48	25.10	0.01
152182	Grizzly	537067	6558591	Outcrop	83.2	0.32	0.22	24.30	0.01
152183	Grizzly	537069	6558584	Outcrop	561	0.42	2.35	9.16	0.02
152186	Grizzly	537148	6558496	Outcrop	127	0.59	0.20	27.10	0.01
152188	Grizzly	537155	6558530	Outcrop	31	0.37	0.02	24.40	0.06
152189	Grizzly	537181	6558510	Outcrop	273	0.97	13.90	13.45	0.01
152086	Sulphide City	536709	6558785	Outcrop	122	1.04	0.96	12.45	0.16
152096	Sulphide City	536613	6558481	Outcrop	25.8	0.63	0.00	11.15	0.02
152098	Sulphide City	536565	6558607	Outcrop	55	0.96	0.59	5.39	0.01
152113	Sulphide City	536692	6558703	Outcrop	60.4	0.85	0.40	2.81	0.01
152130	Sulphide City	536625	6558398	Outcrop	97.6	2.60	0.00	1.35	0.02
152056	Amp	537189	6559107	Float	689	0.17	14.50	17.55	0.08
152058	Amp	537228	6559203	Outcrop	497	0.44	2.95	0.13	2.98
152060	Amp	537196	6559282	Outcrop	336	0.15	13.65	8.34	0.16
152076	Amp	537335	6559205	Float	931	0.01	0.40	0.14	6.75
152079	Amp	537226	6558915	Outcrop	290	0.04	8.68	7.42	0.07
152035	Property Wide	538944	6558673	Outcrop	65	9.92	0.08	0.08	1.82
152036	Property Wide	538944	6558673	Outcrop	18.7	3.54	0.02	0.02	0.62
152133	Property Wide	536790	6558075	Outcrop	890	0.05	>20.0	13.05	0.12
152217	Property Wide	536661	6564685	Outcrop	110	0.08	0.02	0.01	1.81
152231	Property Wide	533074	6560598	Outcrop	38.2	0.31	0.09	>30	0.11
152236	Property Wide	536576	6559764	Outcrop	234	0.32	17.80	19.65	0.01
152240	Property Wide	536260	6559610	Outcrop	374	0.08	12.50	13.95	0.02
152243	Property Wide	536509	6559802	Outcrop	857	0.27	12.25	3.72	0.01

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## 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





## 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
- Continuation of inferred mineralization confirmed in 2021 field season
- 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 mineralization seen at surface back to the source



## Vectoring for CRD's & Porphyries



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## **CRD-Porphyry Continuum Model**



- See on the right how the Blue Property measures up on the Spectrum of mineralization and proximal alteration styles shown by major Mexican CRD's and worldwide porphyry Cu/Mo related and barren stock systems
- Plotting a system on this spectrum quickly shows which segments are potentially missing and which direction(s) to focus exploration
- The Blue Property exhibits mineralization across the whole spectrum of CRDporphyry deposits making it a high priority exploration project

SPECTRUM OF CARBONATE REPLACEMENT DEPOSITS



## Blue Meets all Primary & Secondary 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 (complexity in mineralized outcrop)
- Large scale zoning (6.6km x 1.8km mineralized area identified)
- Presence of skarn (3 identified skarn occurrences at surface)
- Discordant geometry (= not syngenetic) (mineralization post dates deformation)
- Replacement mineralization (>150 massive sulfide occurrences in carbonates identified)
- High iron sphalerite (confirmed at property scale)
- Pyrite pseudomorphs after pyrrhotite (seen at property scale)
- Molybdenum mineralization (confirmed by historical drilling at Laverdiere Prospect)
- Granitic stock contact Skarn = target (multiple plutons mapped at surface)



(After Megaw, VIA MAG Silver Deck)

## 2021 Catalysts



- Newly defined high grade district scale (6.6km x 1.8km) CRD Ag-Pb-Zn-Au discovered at surface with alteration assemblages indicating potential for a near by Cu-Mo porphyry discovery using a proven exploration deposit model
- Channel sampling, petrography & VTEM airborne survey results to look forward to this winter
- Ample cash in the bank with low overhead costs; tight share structure (>35% owned by insiders)
- Young driven technical team backed by strong capital market experience and community relations





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