



“The Company has built a large significant portfolio of high-grade copper-gold-zinc-silver deposits within a world class active mining camp and has been one of the most active explorers in the district for the past 15 years .”

Ken Lapierre, Founder, President & CEO

Cautionary Statements Regarding Forward-Looking Statements

Cautionary Note to Investors Concerning Estimates of Historical, Inferred and Indicated Resources and References to Targets for Further Exploration

This presentation contains “forward-looking information” within the meaning of applicable Canadian securities laws. Generally, these forward-looking statements can be identified by the use of forward-looking terminology such as “plans”, “expects”, “budget”, “scheduled”, “estimates”, “forecasts”, “intends”, “anticipates”, or “believes”, or the negatives and / or variations of such words and phrases, or state that certain actions, events or results “may”, “could”, “would”, “might” or “will be taken”, “occur”, “be achieved” or “has the potential to”. In particular, the forward-looking statements in this presentation include, without limitation, statements regarding: future projected production, capital costs and operating costs, recovery methods and rates, development methods and plans, commodity prices and mineral resource estimates. Statements relating to “mineral resources” are deemed to be forward-looking information, as they involve the implied assessment that, based on certain estimates and assumptions, the mineral resources described can be profitably produced in the future.

Forward looking statements are based on the certain assumptions opinions and estimates as of the date such statements are made, and they are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking statements. Factors that could cause actual results to differ materially from those in forward-looking statements include: delays resulting from the COVID-19 pandemic, changes in market conditions, unsuccessful exploration results, possibility of project cost overruns or unanticipated costs and expenses, changes in the costs and timing of the development of new deposits, inaccurate resource estimates, changes in the price of copper or zinc, unanticipated changes in key management personnel and general economic conditions. Mining exploration and development is an inherently risky business. The Company believes that the expectations reflected in the forward-looking statements are reasonable, but no assurance can be given that these expectations will prove to be accurate and results may differ materially from those anticipated in the forward-looking statements. For a discussion in respect of risks and other factors that could influence forward-looking statements, please refer to the factors discussed in the Company’s Management Discussion and Analysis for the year ended March 31, 2021 and subsequent quarterly financial reports under the heading ‘Risk Factors’. These factors are not, and should not be construed as being exhaustive.

Accordingly, readers should not place undue reliance on forward-looking statements. The forward-looking information contained in this presentation is expressly qualified by this cautionary statement. Any forward-looking information and the assumptions made with respect thereto speaks only as of the date of this presentation. The Company does not undertake any obligation to publicly update or revise any forward-looking information after the date of this presentation to conform such information to actual results or to changes in the Company's expectations except as otherwise required by applicable legislation.

QP

Ken Lapierre, P.Geo., Interim President & CEO and VP Exploration of Rockcliff Metals Corp., a Qualified Person in accordance with the Canadian regulatory requirements as set out in NI 43-101 has read and approved the geological and Resource information that forms part of the basis for the disclosure contained in this presentation.

Experienced Board and Management Team



Kenneth Lapierre

*Founder, Interim President
& CEO, VP Exploration,
Director*

- +35 years experience from grass roots to mining to finance
- Career focussed on discovery
- +C\$170 million raised in equity markets for precious metals, base metals, strategic metals



Omar Gonzalus

Interim CFO

A Chartered Accountant with +20 years' experience in audit & assurance and corporate development.



Mark Sawyer

Chairman, Director

Co-founder of Greenstone Resources, a Tier-1 Private Equity Mining and Metals Company.



Derek McPherson

Director

- Executive Chairman Olive Resources
- President and CEO of Gold79 Mines Ltd.
- Previous SVP Investment Banking Red Cloud Securities



Petra Decher

Independent Director

CFO of Marimaca Mining and Director of Ascendant Resources, former VP Finance at Franco Nevada Corp.



Gordon Graham

Independent Director

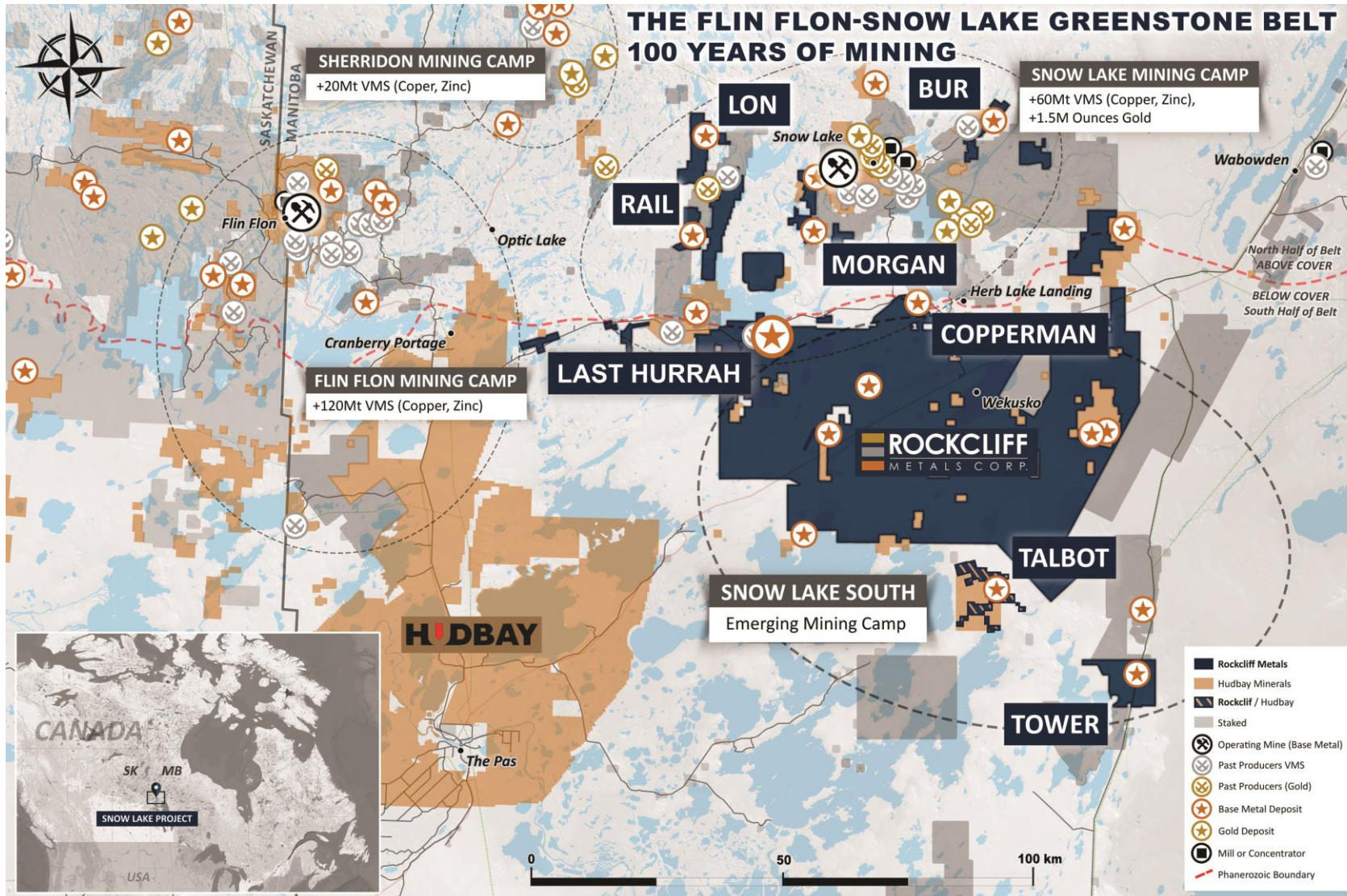
+30 years of experience in the mining and industrial sectors, leading operations and project development teams.

- **Largest junior explorer** in the Snow Lake mining camp
- **High grade global resource** in four Anchor Deposits of ~1.0B CuEq pounds of copper(12.97Mt @ 3.44% CuEq)*
- **Positive PEA Economics** with robust economics of after tax IRR of 67% and C\$128M NPV8
- **Tremendous growth potential** with five additional historical deposits open in all directions
- **World class exploration** potential in remaining underexplored VMS and gold portfolio

*“Blue sky drilling leads to discovery “
“Discovery leads to growth”*

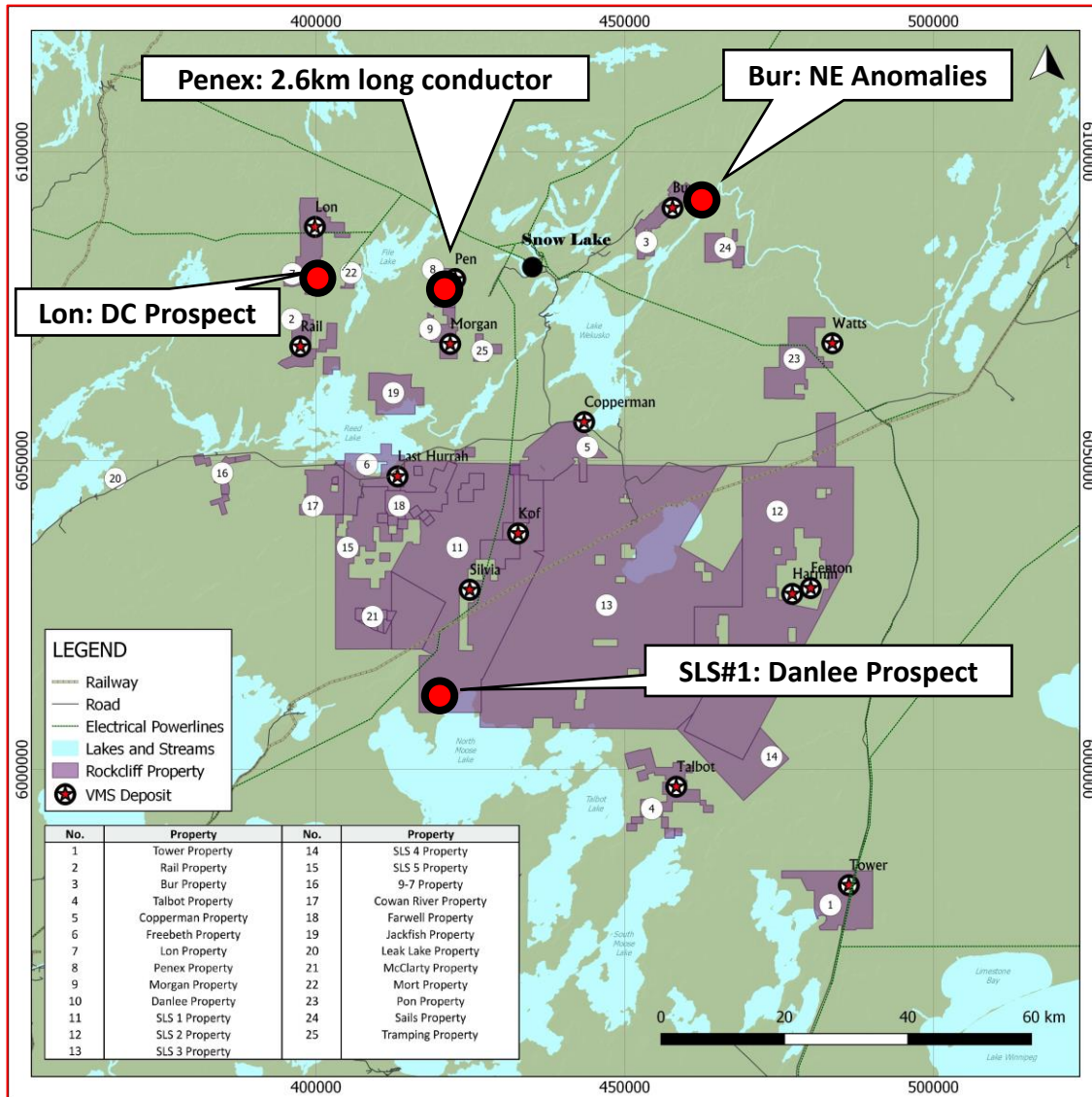


Largest Landholder Surrounding Snow Lake, Manitoba



- Land Package: 25 properties, 3,623 sq kms in total
- +\$60MM on exploration, +180,000 m drilled, +750 holes
- Completed PEAs on 2 properties
Completed NI43-101 Resource Estimates on 4 properties
- Host to additional historical deposits and blue sky high priority VMS properties

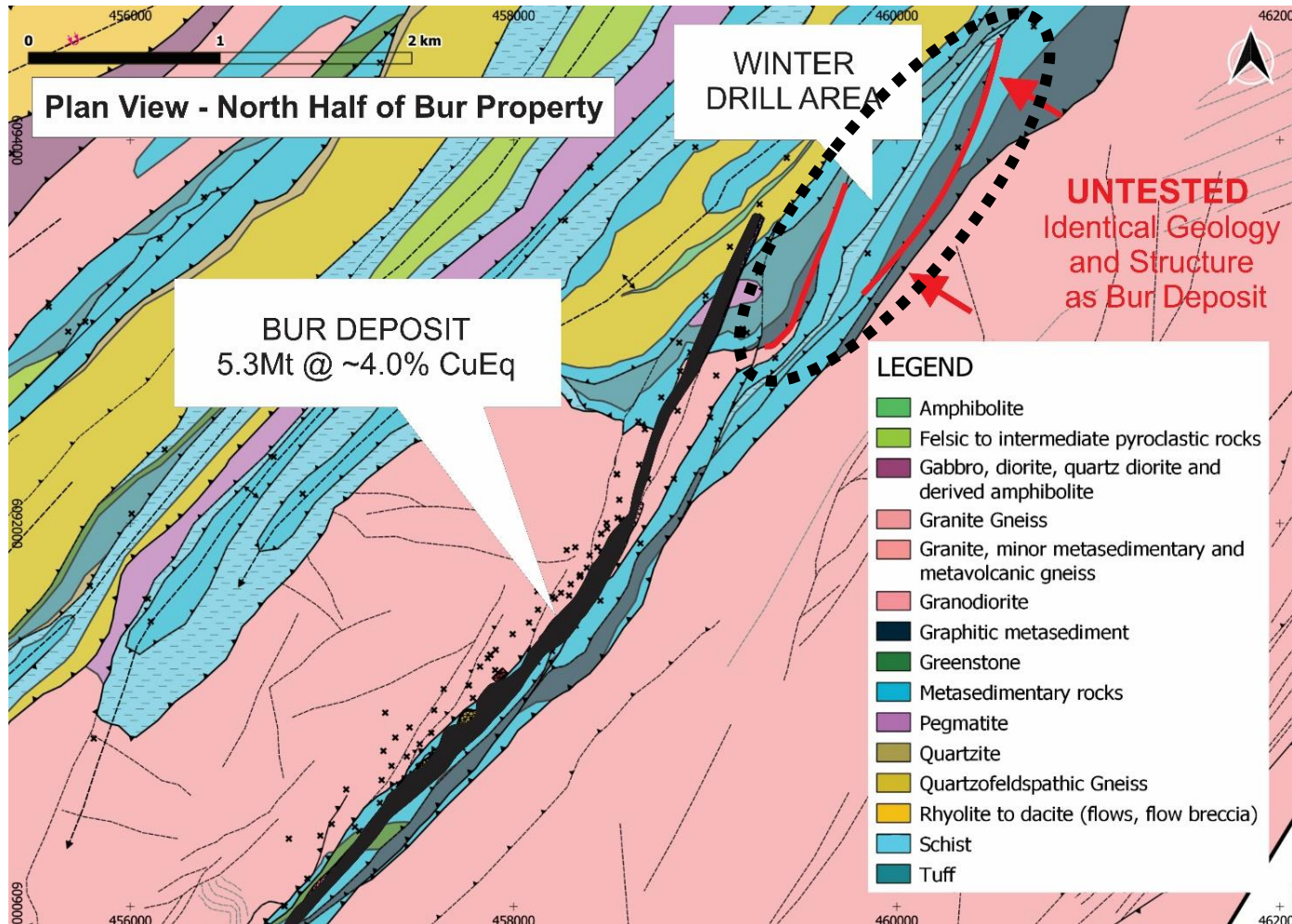
Targets for Discovery: Planned 2023 Winter Drill Program



Blue Sky Targets Earmarked for Discovery

- Bur Property: Untested anomaly NE of deposit
- SLS #1 Property: Hosts multiple VMS target corridors and the Danlee Prospect
- Lon Property: Hosts Lon VMS Deposit, numerous untested targets and the DC Prospect
- Penex Property: Hosts down dip extension of the Pen VMS Deposit and 2.6 km long untested historical airborne spectrum anomaly

Bur Property: Bur VMS Deposit and Untested Anomalies

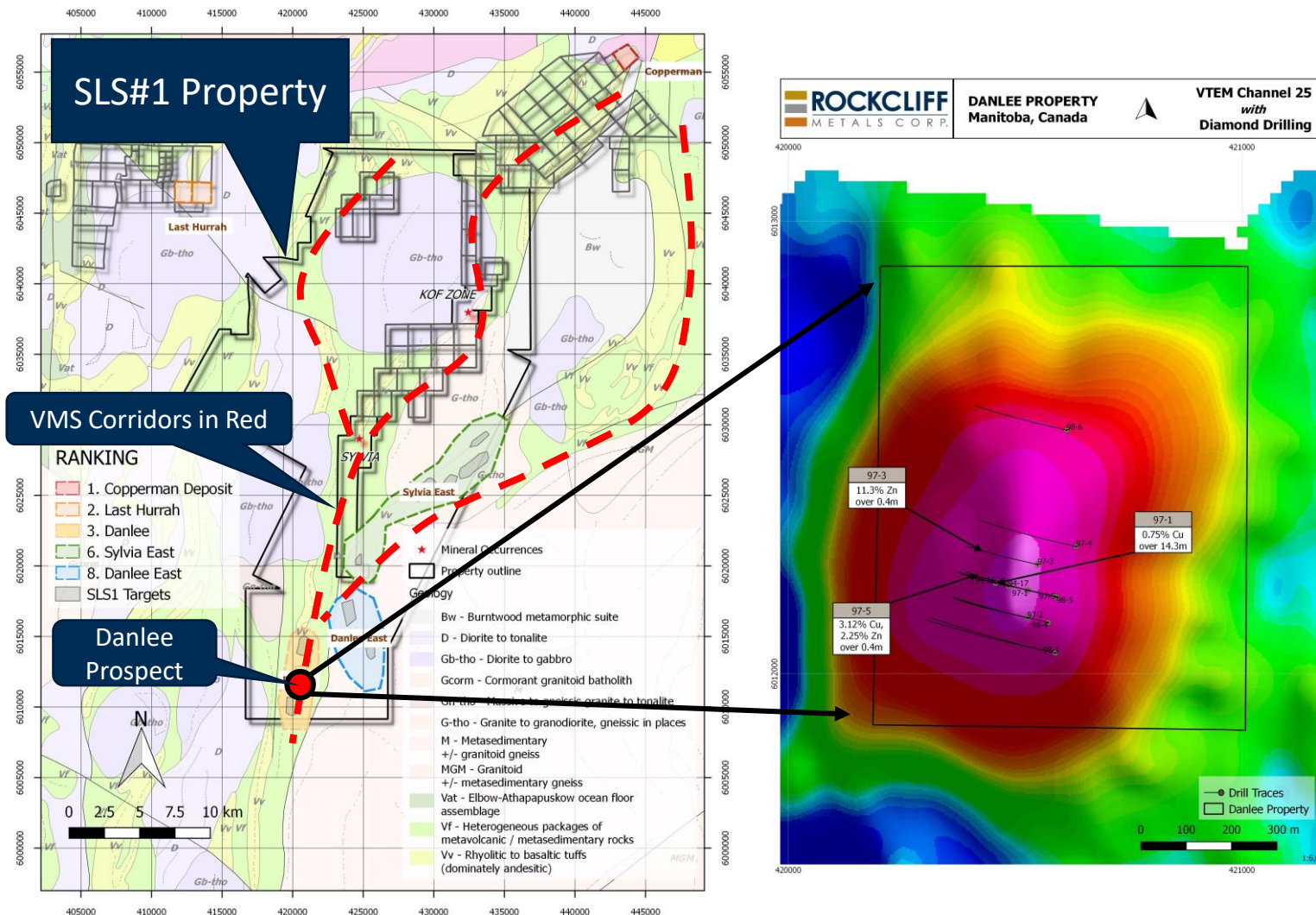


Overview

- 100% owned, hosts Bur VMS Deposit (5.3Mt @ ~4.0% CuEq*), 3,979 ha sized property. Property within Snow Lake mining camp and 22 km from VMS mill
- NE of Bur deposit research identified prospective VMS area
- Completed (2022) geophysical survey and identified untested anomalies NE of deposit
- Winter Program: 3-5 holes totalling 750m-1,000 m

*Please refer to the cautionary information on the Bur resource estimates in the appendix.

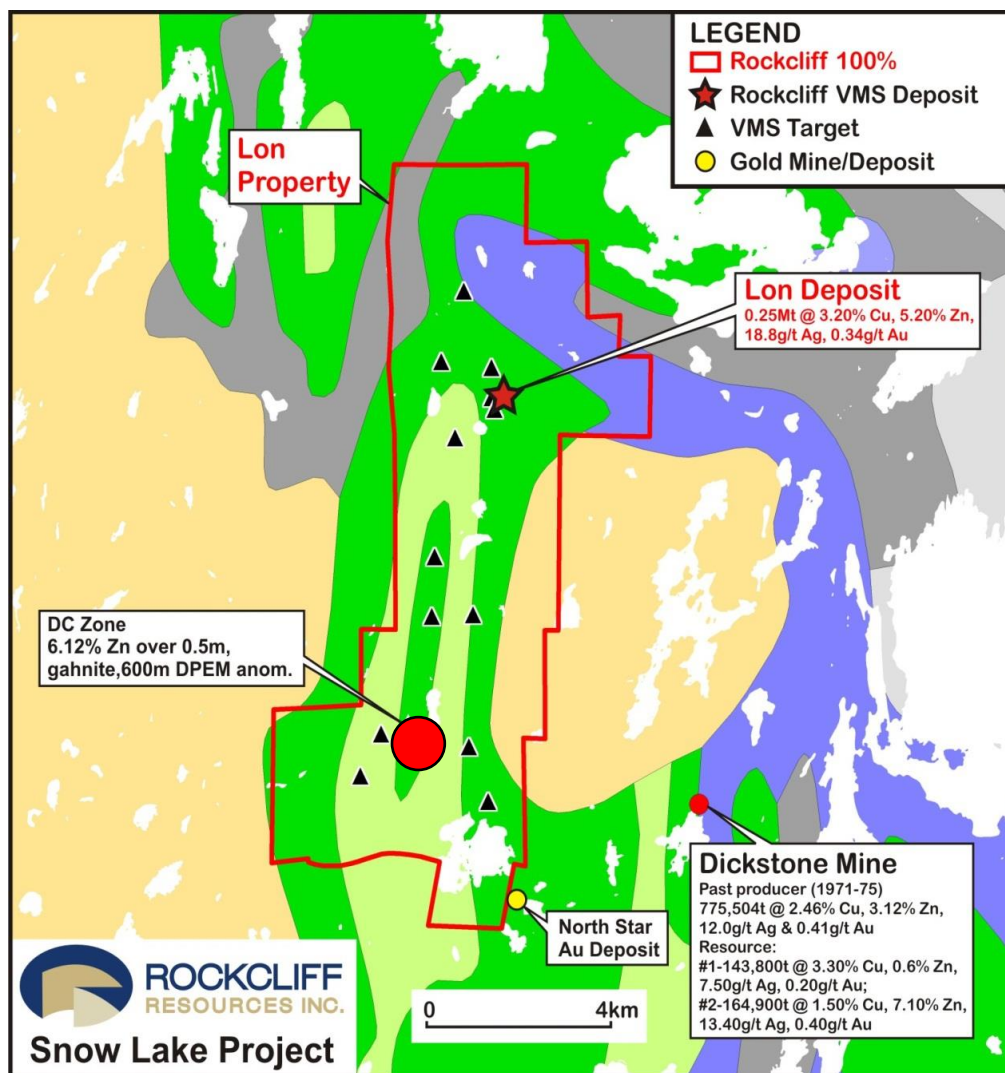
SLS #1 Property: Danlee Prospect and Multiple VMS Corridors



Overview

- 100% ownership
- Danlee Prospect located within significant VMS corridor represents a +500 m VTEM (TDEM) anomaly with Cu-Zn mineralization
- Limited shallow historical drilling intersected significant mineralization:
 - 4.0 m @ 4% Zn
 - 14.3 m @ 0.8% Cu
 - 0.4 m @ 3.1% Cu and 2.3% Zn
- Winter Program: Complete borehole geophysics in existing holes. Complete 3-5 drill holes totalling 750 m-1,000 m

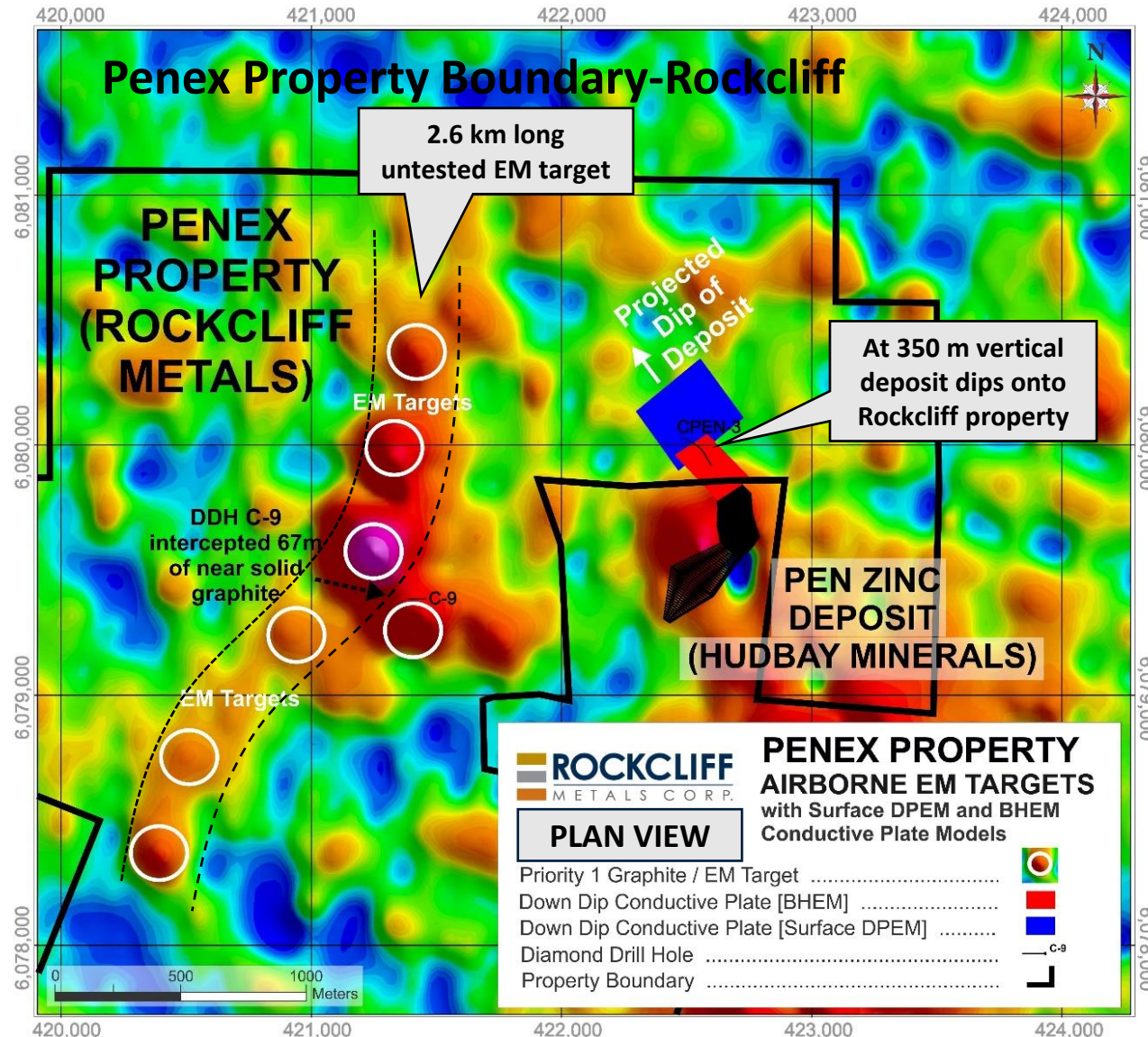
Lon Property Hosting Lon Deposit and DC Zone/Prospect



Overview

- 100% ownership
- Historical Lon Deposit resource: 250,000t @ 3.2% Cu, 5.2% Zn, 18.8g/t Ag, 0.34g/t Au (4.9% CuEq). Open along strike and to depth
- Numerous untested VMS targets identified throughout property
- DC Zone/Prospect: up to 6.12% Zn within well defined VMS alteration envelope associated with buried 600 m long untested geophysical anomaly
- Winter Program: Complete surface geophysical survey. Complete 3-5 holes totalling 750 m-1,000 m

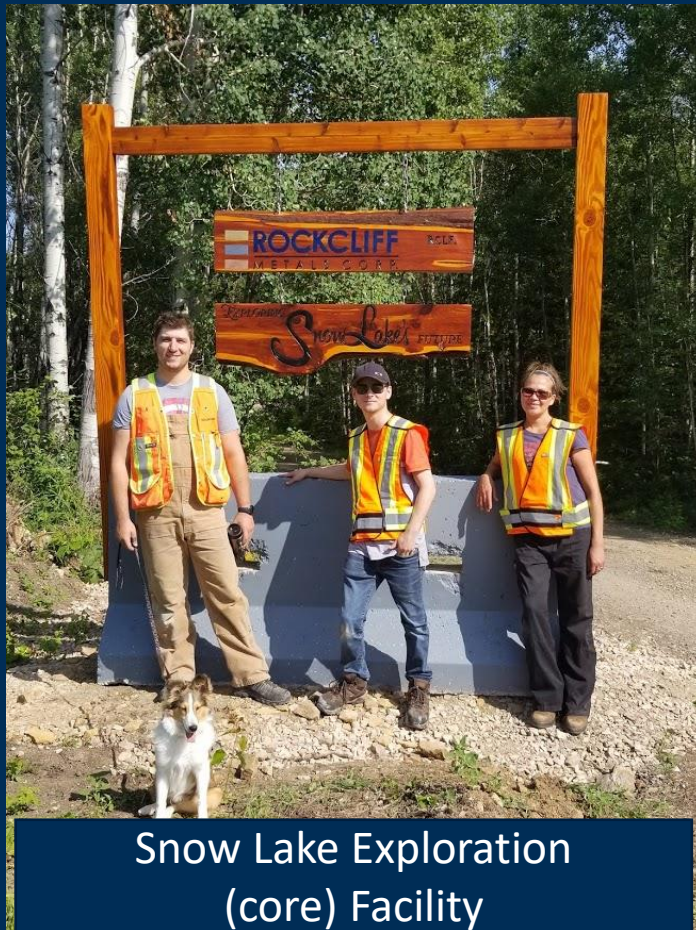
*Please refer to the cautionary information on historical resource estimates in the appendix.



Overview

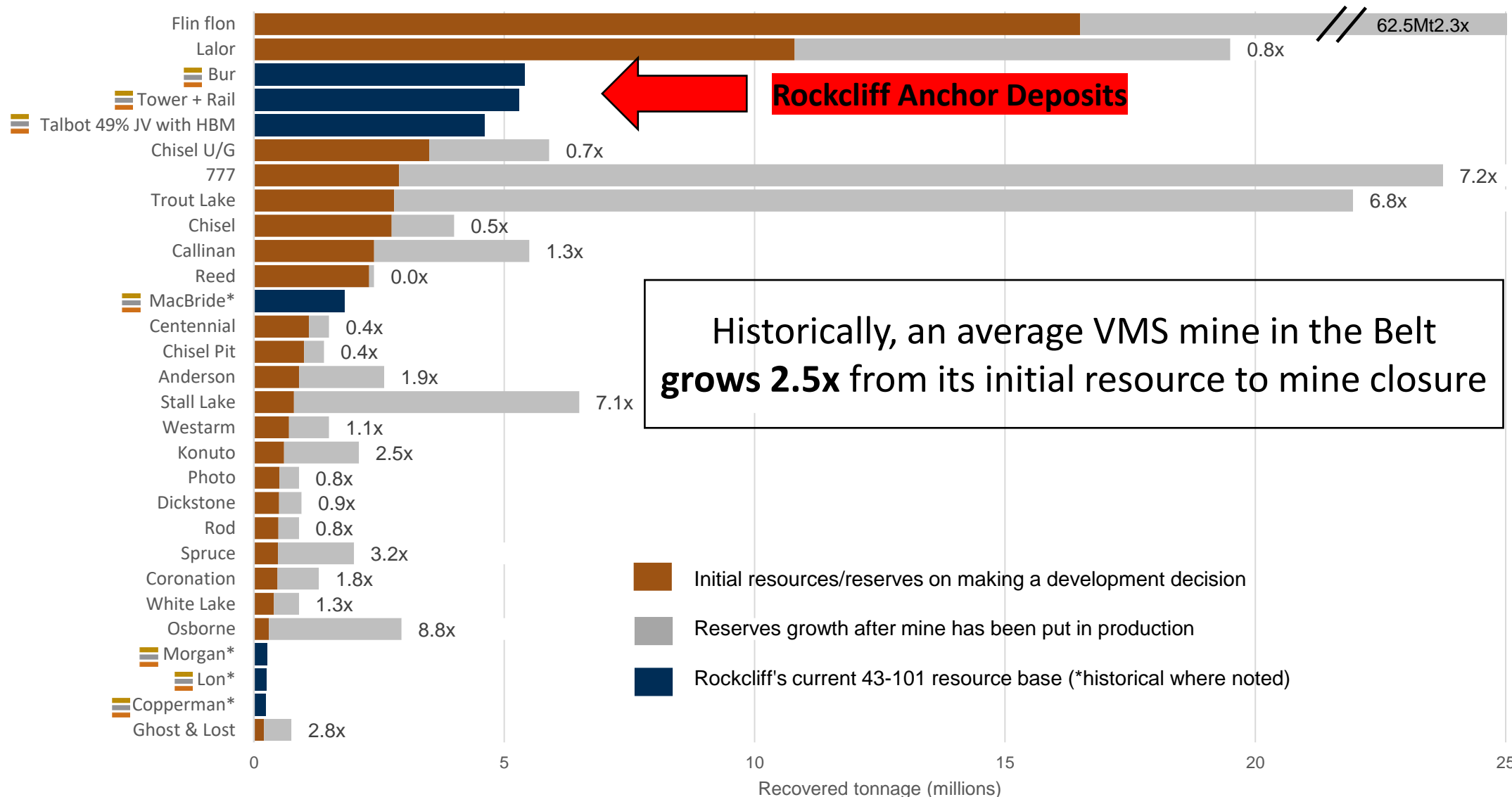
- 100% ownership
- Located ~4 km west of Hudbay's Lalor Mine and 20 km by road from Hudbay's VMS mill
- Property hosts down dip extension Hudbay's Pen Zinc Deposit and an additional prospective area located 1 km west of deposit
- Winter Program: Complete surface geophysical survey within 2.6 km long airborne Spectrum EM target. Complete 3-5 drill holes totalling 750 m-1,000 m

Appendix

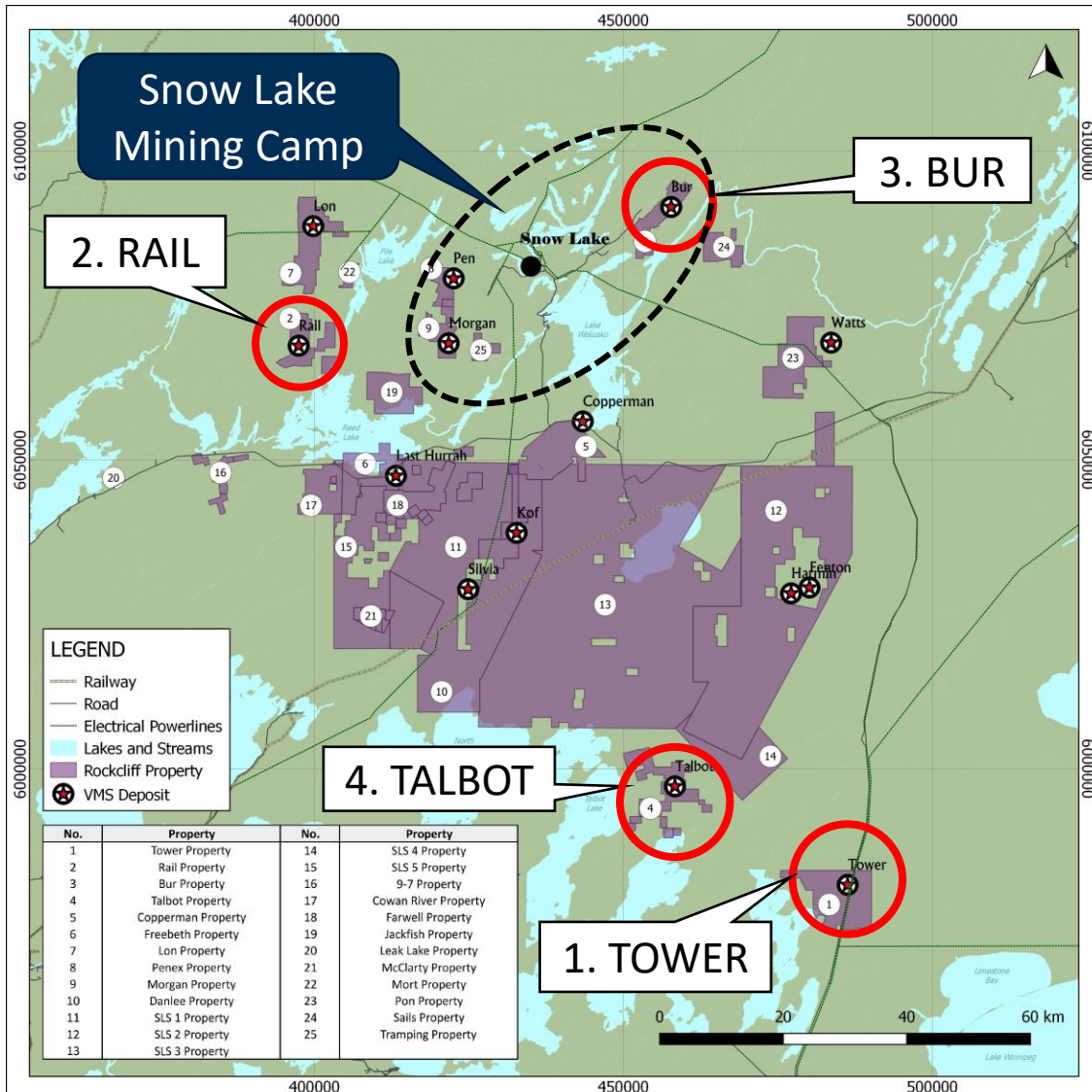


Only Two Mines in Belt with Initial Resources Greater Than Rockcliff's Anchor Deposits

Historical Reserve Growth in Flin Flon and Snow Lake's Past and Current Producers



Four Anchor Properties: NI 43-101 Resources and PEAs



Tower & Rail Properties PEA Global Resource
5.342Mt @ 2.4% Cu, 0.8% Zn, 0.7g/t Au, 10.0g/t Ag
(3.0% CuEq)

Bur Property NI 43-101 Global Resource
5.359Mt@ 1.4% Cu, 7.2% Zn, 0.01g/t Au, 2.9g/t Ag
(3.9% CuEq)

Talbot Property NI 43-101 Global Resource
2.273Mt @ 1.7% Cu, 1.8% Zn, 2.0g/t Au, 30.6g/t Ag
(3.7% CuEq)

Global 1.0B CuEq Pound Inventory in Anchor Deposits

NI 43-101 Compliant Resource Estimates

FOUR ANCHOR PROPERTIES

Rockcliff Metals Corporation - Global NI43-101 Compliant Resources - February 2022								
Category	Deposit	Tonnes ('000t)	Cu (%)	Zn (%)	Au (gpt)	Ag (gpt)	CuEq (%)	CuEq (Mlbs)
Measured and Indicated	Tower	1,711	3.28	1.04	0.70	16.50	4.22	159
	Rail	2,053	1.87	0.59	0.60	6.10	2.30	104
	Bur	3,017	1.69	6.13	0.02	4.48	3.84	255
	Talbot (49%)	1,075	2.33	1.79	2.06	36.00	4.40	104
Total Measured + Indicated		7,856	2.17	2.98	0.60	11.83	3.60	623
Inferred	Tower	499	1.74	1.16	0.20	8.40	2.13	23
	Rail	1,079	2.14	0.73	0.90	7.60	2.73	65
	Bur	2,342	1.03	8.65	0.00	0.91	4.04	209
	Talbot (49%)	1,198	1.13	1.74	1.87	25.80	3.00	79
Total Inferred		5,118	1.49	4.00	0.54	7.70	3.19	376

*Please refer to the cautionary information on current resource estimates in the appendix for all Deposits.

1. Tower Property: PEA Completed

Overview

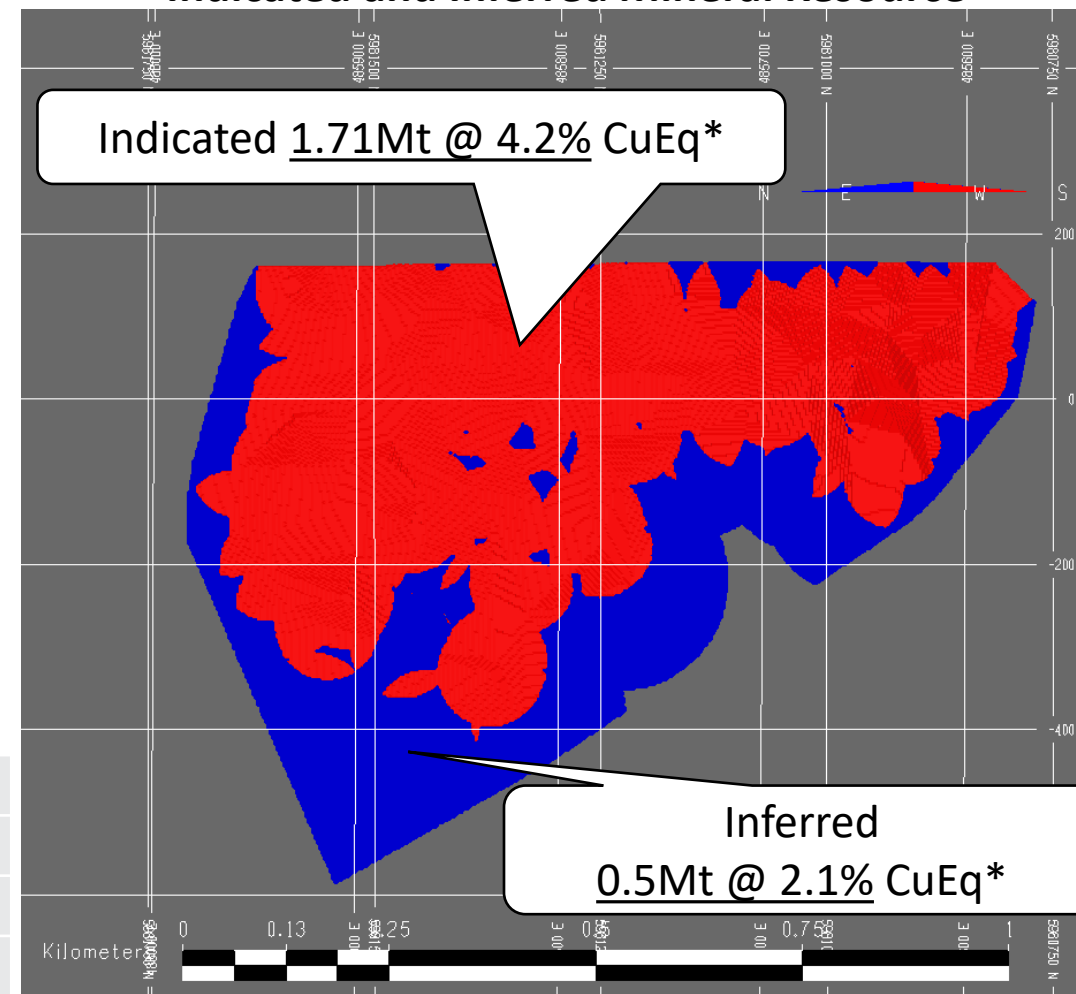
- 100% owned, 2% NSR, 9,530ha sized property
- 1.711Mt Indicated @ 4.2% CuEq + 0.50Mt Inferred @2.1% CuEq
- Mineralized strike length of +1,000m and to a vertical depth of approximately 750m
- Remains open to the south and at depth

NI43-101 Compliant Tower Deposit Mineral Resource Estimate

Classification	Tonnes ('000t)	Cu (%)	Zn (%)	Au (gpt)	Ag (gpt)	CuEq (%)	CuEq (Mlbs)
Indicated	1,711	3.28	1.04	0.7	16.5	4.22	159
Inferred	499	1.74	1.16	0.20	8.4	2.13	23

*Please refer to the cautionary information on current resource estimates in the appendix for the Tower Deposit.

Tower Deposit Longitudinal Projection Indicated and Inferred Mineral Resource



2. Rail Property: PEA Completed

Overview

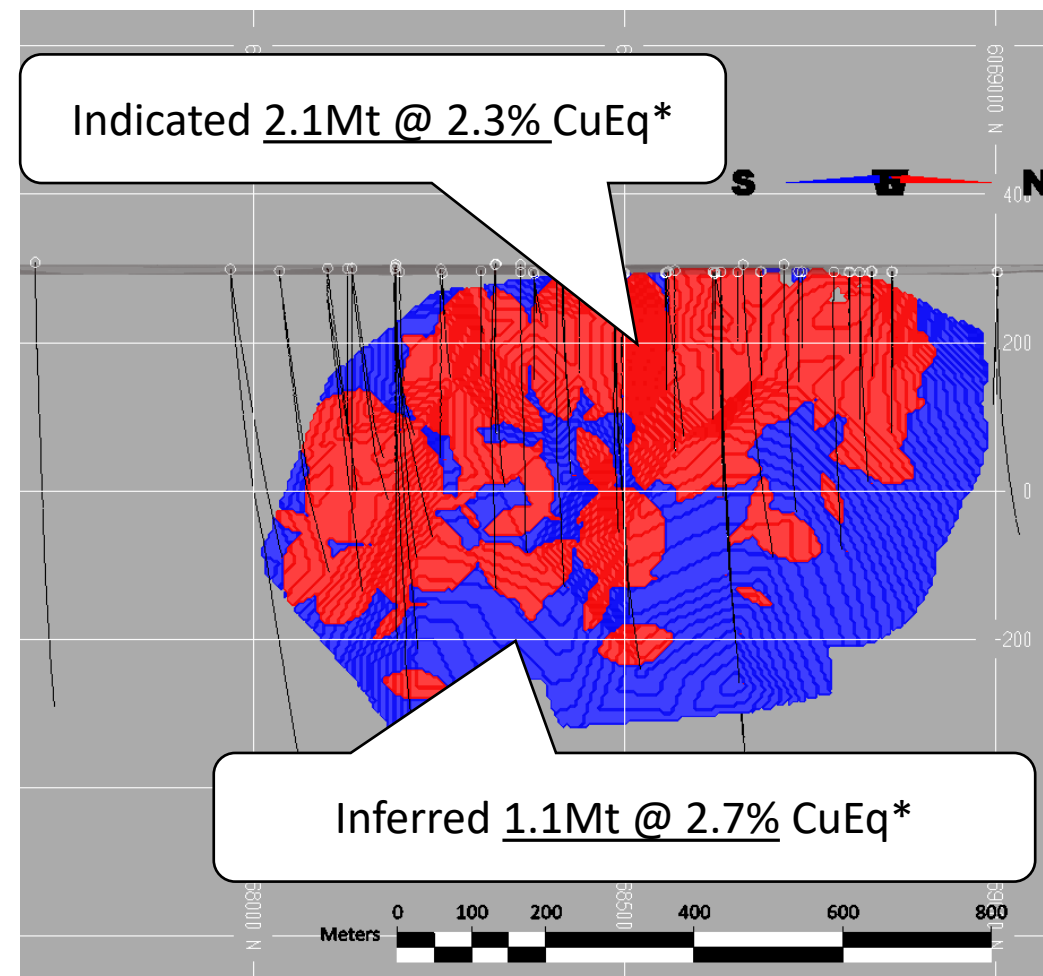
- 100% owned, ~3,197ha sized property within Snow Lake Mining Camp
- High grade copper deposit 2.1Mt Indicated @ 2.3% CuEq and 1.1Mt Inferred @ 2.7% CuEq
- Strike length of 960m and to a vertical depth of 700m
- Deposit open to the south and at depth where additional untested conductive anomalies have been identified

NI43-101 Compliant Rail Deposit Mineral Resource Estimate

Classification	Tonnes ('000t)	Cu (%)	Zn (%)	Au (gpt)	Ag (gpt)	CuEq (%)	CuEq (Mlbs)
Indicated	2,053	1.87	0.59	0.60	6.1	2.30	104
Inferred	1,079	2.14	0.73	0.90	7.6	2.73	65

*Please refer to the cautionary information on current resource estimates in the appendix for the Rail Deposit.

Rail Deposit Longitudinal Projection Indicated and Inferred Mineral Resource



ROBUST ECONOMICS IN A TIER ONE JURISDICTION

- ✓ After tax 67% IRR and NPV₈ C\$128.6 million using US\$3.76/lb Cu and US\$1.26/lb Zn
- ✓ Initial Capex of C\$81 million, capital pay back within 12 months
- ✓ 9.5 year mine life with annual average production on 11.9k tonnes CuEq
- ✓ Short development schedule of 16 months to first copper production
- ✓ AISC of US \$2.46/lb Cu
- ✓ Both Tower and Rail deposits remain open for potential resource expansion

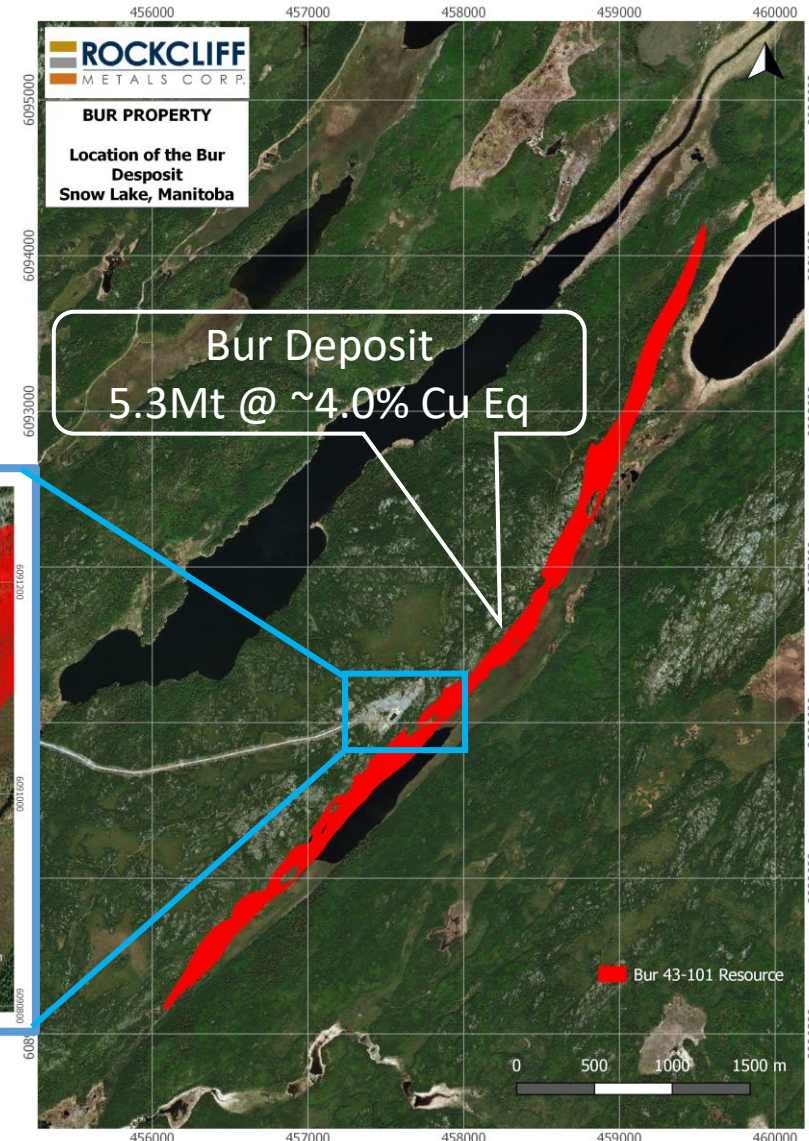
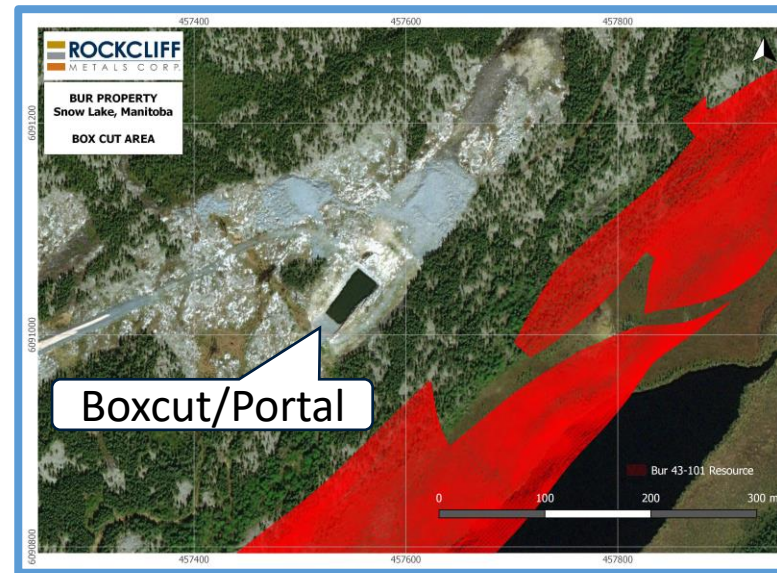
3. Bur Property: NI 43-101 Resource Completed

NI 43-101 Compliant Bur Deposit Mineral Resource Estimate*

Classification	Tonnes ('000t)	Cu (%)	Zn (%)	Au (gpt)	Ag (gpt)	CuEq (%)**	CuEq (Mlbs)
Measured	338	1.54	3.58	0.05	12.94	2.94	22
Indicated	2,679	1.70	6.45	0.02	3.41	3.98	235
Measured + Indicated	3,017	1.69	6.13	0.02	4.48	3.87	257
Inferred	2,342	1.03	8.65	0.00	0.91	4.03	208

Overview

- 100% owned, 3,979ha sized property within Snow Lake Mining Camp 22km from VMS mill
- +2,500 m of strike with depths of ~1,000 m below surface. Open in all directions
- Multiple untested structural targets proximal to Bur Deposit



*Please refer to the cautionary information on current resource estimates in the appendix for the Bur Deposit.

4. Talbot Property: NI 43-101 Resource Completed

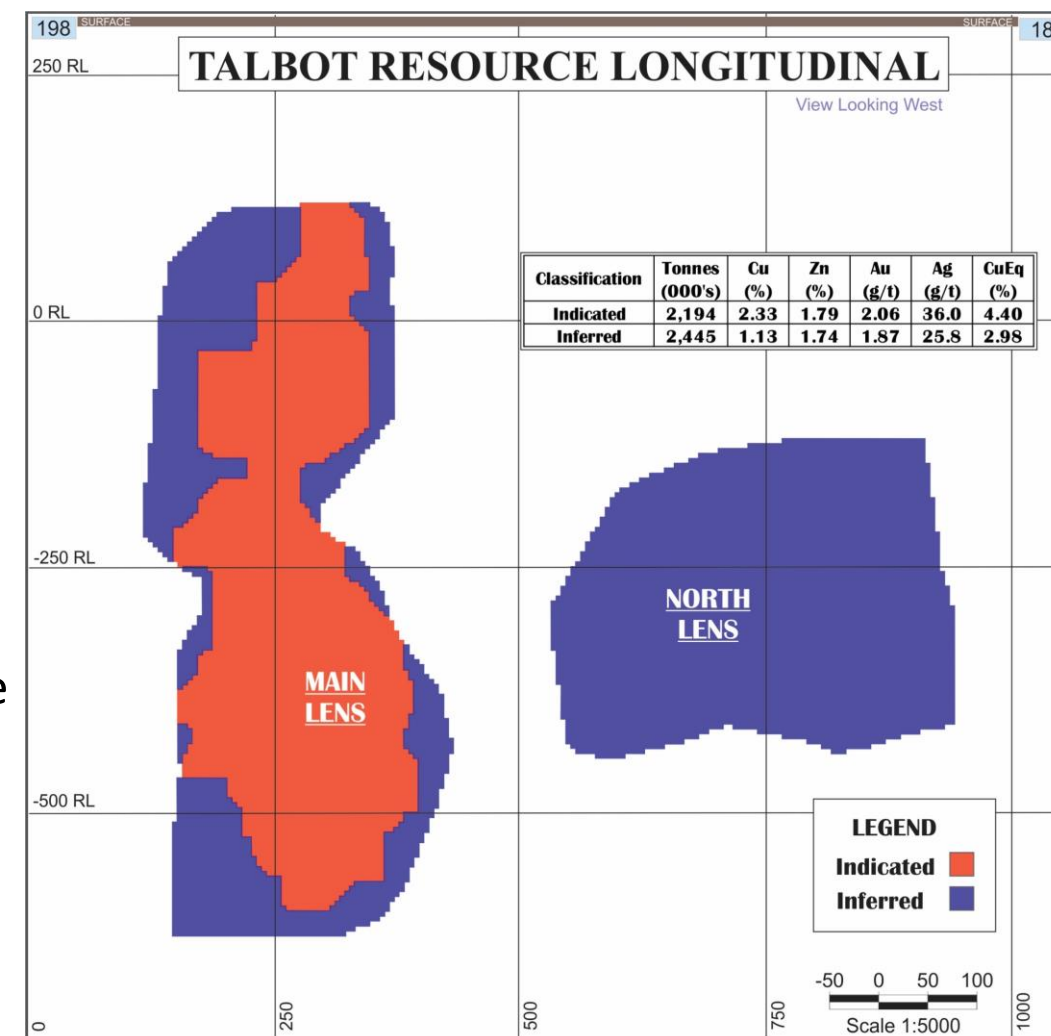
OVERVIEW

- Joint Venture between Rockcliff (49% interest) and Hudbay (51% owner and operator). 7,255ha sized property
- High grade copper deposit: 2.2Mt Indicated at 4.4% CuEq and 2.4Mt Inferred at 3.0% CuEq(100% total)
- Deposit located proximal to numerous untested pulse and bore hole geophysical anomalies
- Rockcliff to retain a 35% carried interest in production scenario, provided that Rockcliff contributes its pro-rata share of pre-construction capital

NI 43-101 Compliant Talbot Deposit Mineral Resource Estimate(Rockcliff's 49% interest below)

Classification	Tonnes ('000t)	Cu (%)	Zn (%)	Au (gpt)	Ag (gpt)	CuEq (%)	CuEq (Mlbs)
Indicated	1,075	2.33	1.79	2.06	36.0	4.40	104
Inferred	1,198	1.13	1.74	1.87	25.8	3.00	79

*Please refer to the cautionary information on current resource estimates in the appendix for the Talbot Deposit.



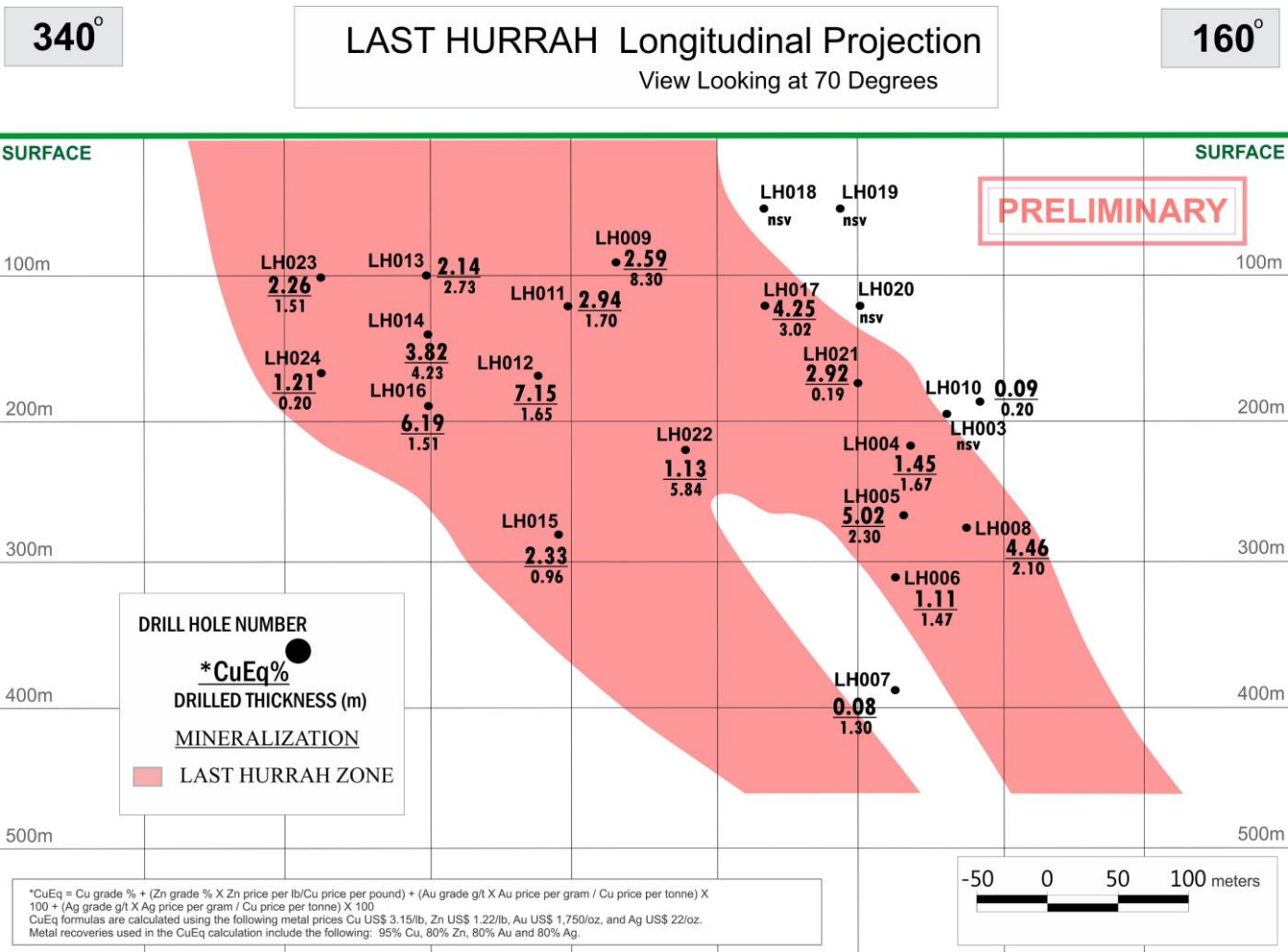
Historical Mineral Resource Estimate

Historical (non 43-101 compliant) Global Resource*

Category	Deposit	Tonnes ('000t)	Cu (%)	Zn (%)	Au (gpt)	Ag (gpt)	CuEq (%)	CuEq (Mlbs)
HISTORICAL	Copperman	244	2.6	4.5	n/a	n/a	3.68	20
	Lon	250	3.2	5.2	0.6	18.8	4.94	27
	MacBride**	1,820	0.3	8.8	0.1	4.5	2.74	110
	Morgan	272	n/a	15	3.4	n/a	6.07	36
Total Historical		2,586	0.76	8.69	0.48	4.98	3.39	193

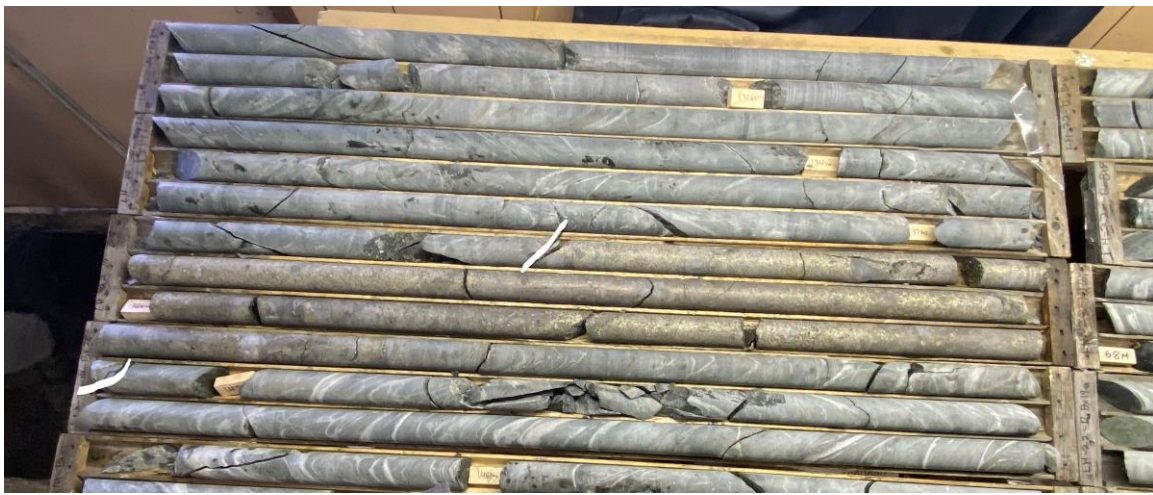
*Please refer to the cautionary information on historical resource estimates in the appendix. **MacBride Deposit located in Lynn Lake Greenstone Belt north of Snow Lake.

Freebeth Property (Last Hurrah Zone)



Overview

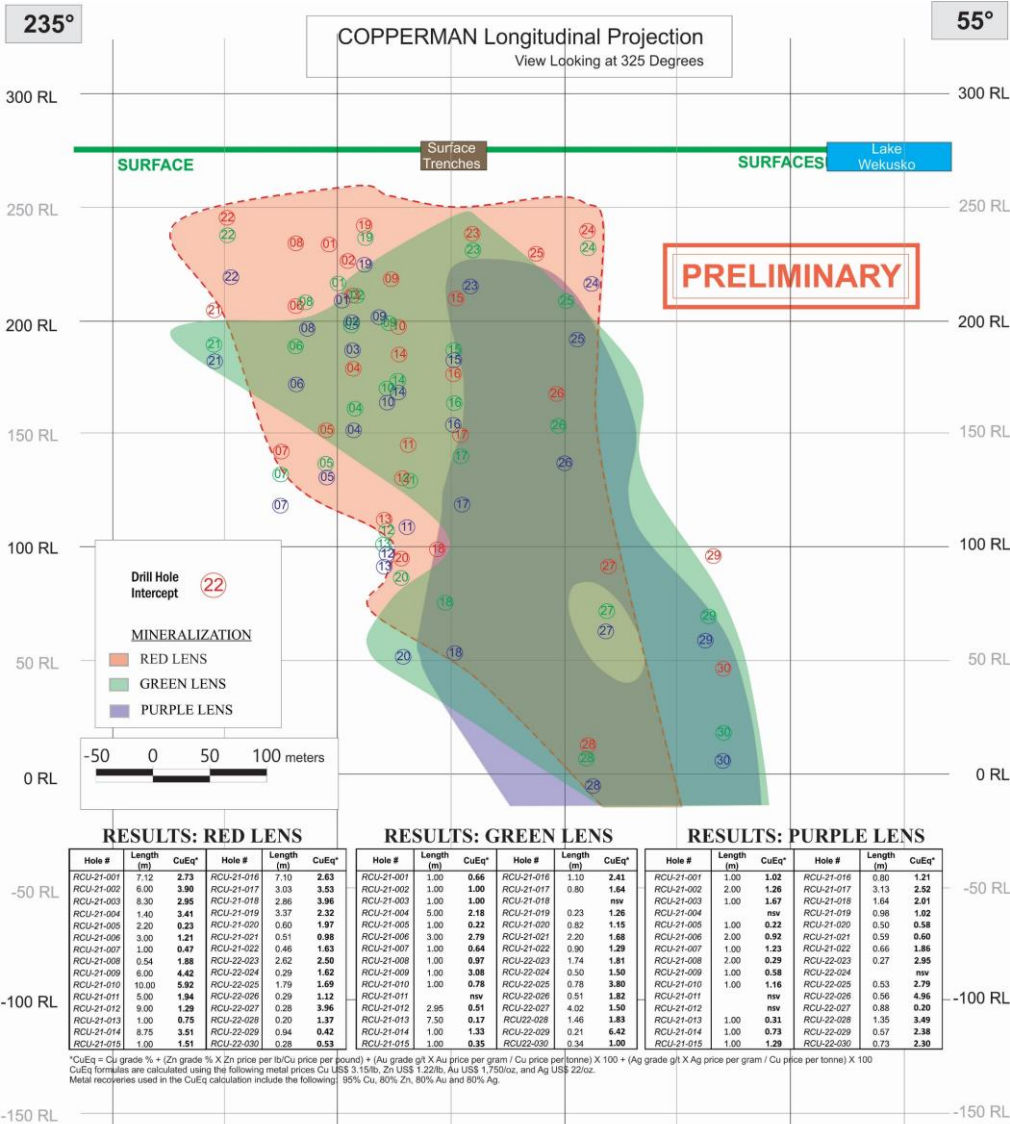
- 100% ownership, 7,844ha sized property located 70 km to VMS mill
- Last Hurrah Zone open to the north and to depth
- Multiple untested VMS targets throughout property



LH-014: 4.2m @ 2.3% Cu, 3.5% Zn, 0.5g/t Au, 24.8g/t Ag

*Please refer to the cautionary information on historical resource estimates in the appendix

Copperman Property: Resource Growth



Recent High Grade Copperman Copper-Zinc Drill Results (estimated true thickness)

- RCU21-001: 7.1m @ 2.7% CuEq including 5.0m @ 3.4% CuEq
- RCU21-002: 6.0m @ 3.8% CuEq including 4.0m @ 5.1% CuEq
- RCU21-003: 8.3m @ 2.8% CuEq including 5.3m @ 3.9% CuEq
- RCU21-009: 6.0m @ 4.3% CuEq including 4.0m @ 6.0% CuEq
- RCU21-010: 10.0m @ 6.0% CuEq including 4.0m @ 11.7% CuEq
- RCU21-014: 10.8m @ 2.8% CuEq including 5.8m @ 4.2% CuEq
- RCU21-016: 11.0m @ 1.8% CuEq including 7.1m @ 2.4% CuEq
- RCU21-017: 3.0m @ 3.3% CuEq including 1.0m @ 5.4% CuEq

Drilling discovered multiple lenses. Excellent potential to expand historical Copperman Deposit resource with additional drilling

Capital Structure and Shareholder Info

Cornerstone Investors

Balance Sheet and Capital Structure	
Cash balance ¹	\$ 0.4M
Shares outstanding ¹	323.5M
Options ²	8.9M
Warrants	8.8M
Fully diluted shares outstanding ¹	341.4M

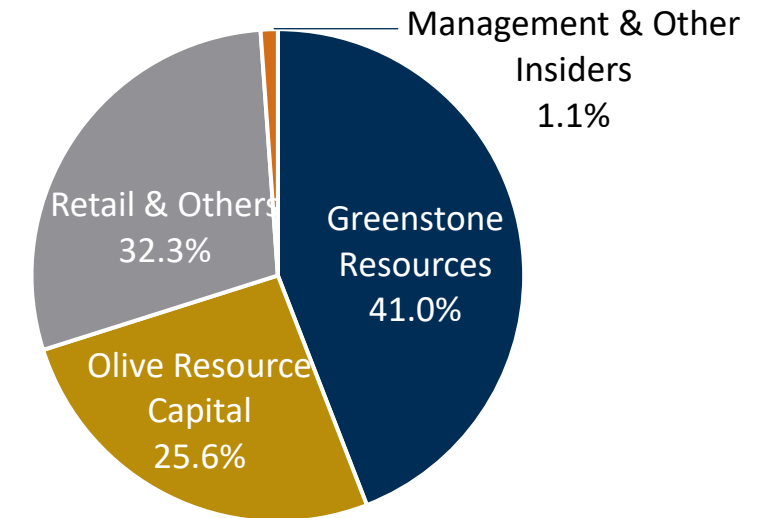
¹ As at November 1, 2022.

² Options and warrants WAVG strike price of ~\$0.15

CSE: RCLF

Market Data (November 1, 2022)	
Share Price	\$ 0.025
Market Capitalization	\$ 8.0M
Avg. 30-day daily trading volume	80,000

Equity Ownership Breakdown



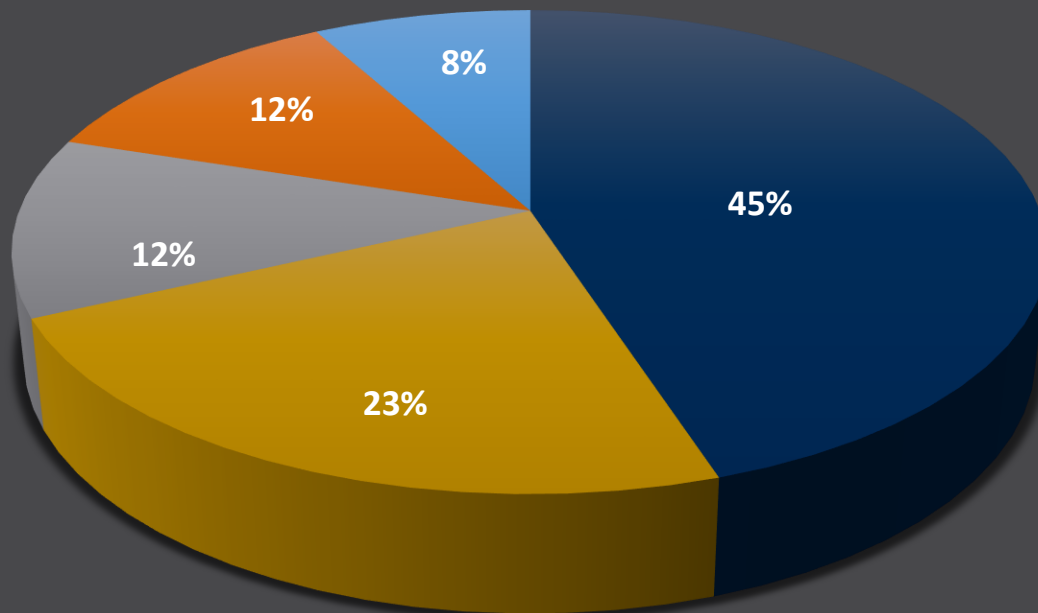
Analyst Coverage

- Fundamental Research Corp.¹

¹Coverage initiated Mar 16, 2020

“Copper connects and delivers clean energy to a growing world for a renewable future”

**Uses of Copper
in the USA 2011**



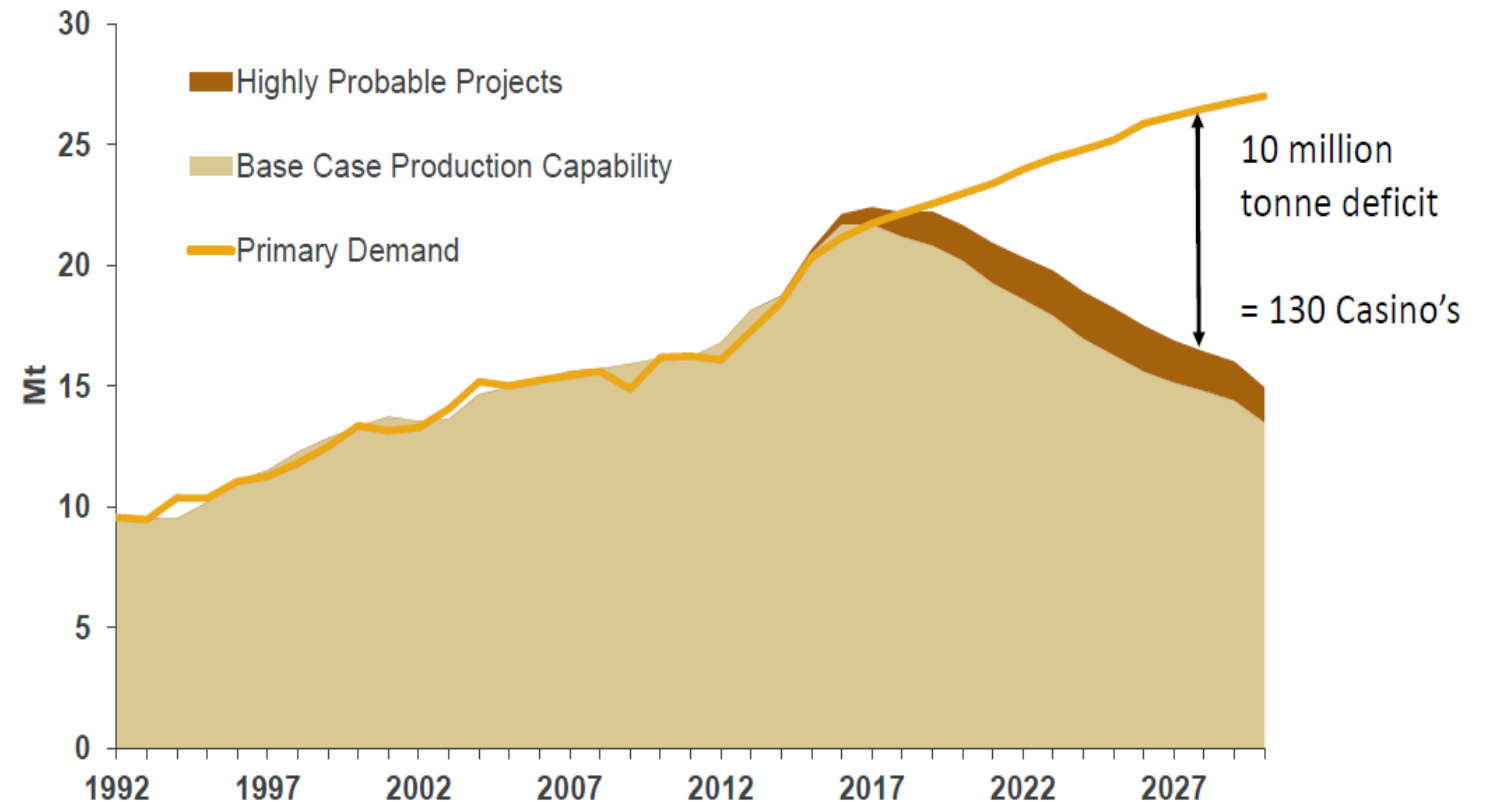
■ infrastructure ■ electrical ■ transportation
■ consumer goods ■ industrial

Copper is the Superior Metal for Solar, Wind, Storage and EV Technology

- Highly conductive, resistant to corrosion, 100% recyclable
- 80% of copper ever mined still in use
- Average N.A. home contains ~500lbs of copper
- One wind turbine uses ~4.0t of copper
- Solar will require an additional ~860,000t of copper to power 862 GW of new solar installations to 2027
- Average Electric Vehicle contains ~183 pounds of copper-4 times greater than a regular vehicle

The Copper Crunch

**40 NEW MINES OF
10,000,000t GRADING 2.5%
COPPER WILL NEED TO BE
DISCOVERED AND MINED
IN THE NEXT 10 YEARS JUST
TO MEET THE LOOMING
COPPER DEFICIT**



Source: Wood Mackenzie, Q4 2014

- The Tower and Rail Deposits resource estimates complete by A-Z Mining Professionals Limited was press released on February 1, 2022 and included into a PEA study. CIM definitions were followed. \$80 copper cut-off was used with US\$3.52 copper, US\$1817 gold, US\$1.18 zinc and US\$23.75 silver (based on an 18 month moving metal price average to October 31, 2021). Copper Equivalent grades were applied using metal recoveries of 97.2% copper, 74.24% zinc, 63% gold and 63% silver. Mineral Resources are not Mineral Reserves and do not have demonstrated economic value.
- The Talbot resource report completed by P&E with an effective on February 28, 2020 and press released February 27, 2020. CIM definitions were followed, 1.5% copper cut-off was used with US\$3.00 copper, US\$1,350 gold, US\$1.10 zinc and US\$16.50 silver (based on 24 month moving average to January 31, 2020). Metal recoveries used for Copper Equivalent grades were 95%, gold at 80%, zinc at 80% and silver at 80%. Mineral Resources are not Mineral Reserves and do not have demonstrated economic value.
- The Bur resource report completed by Stantec with an effective date of October 26, 2021 was press released on November 22, 2021. CIM definitions were followed. 2.3% copper cut-off was used with US\$3.26 copper, US\$1,744 gold, US\$ 1.13 zinc and US\$22.05 silver (based on 24 month moving average to October 2021). Metal recoveries used for Copper Equivalent grades were 80%, gold at 40%, zinc at 80% and silver at 40%. Mineral Resources are not Mineral Reserves and do not have demonstrated economic value.
- The Lon, Morgan, Copperman and MacBride deposits are historical deposits. The reader may refer to the Lon deposit press released October 31, 2007, the Morgan deposit press released November 22, 2016 and the MacBride deposit press released December 1, 2016. An internal report was completed by Granges Inc. in 1993 for the Lon deposit, Manitoba Government reports in the 1990s for the Morgan and Copperman deposits and an internal report by Kobby Lake Mines in 1977 for the MacBride deposit, however not all of the parameters used, assumptions made and methods used to prepare the historic estimates are known at this time. Additional drilling would be required to upgrade all historical resources to a current Mineral Resource as the historic information does not satisfy the requirements set out by NI 43-101. Neither Rockcliff Metals nor its Qualified Persons have done sufficient work to classify the historic estimates as current Mineral Resources and are not treating the historical estimates as a current Mineral Resource. The reader is cautioned that the Lon, Morgan, Copperman and MacBride historical resources should not be relied upon as they do not satisfy current Mineral Resource or Mineral Reserve terminology.
- Copper and zinc equivalent grades were used with historical resources of the Copperman (including drill holes), Lon, Morgan and MacBride deposits and the Last Hurrah Zone. Metal prices using an 18 month moving average to October 31, 2021 were US\$3.52 copper, US\$1.18 zinc, US\$1817 gold and \$23.75 silver. Recoveries used were 95% copper, 80% zinc, 80% gold and 80% silver.

Contact Information

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TRANSFER AGENT

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www.computershare.com

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- OTCQB:RKCLF



Rail Access circa 2007