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The mineral resources and mineral reserves disclosed in this presentation have been estimated in accordance with Canadian National Instrument 43-101 - Standards of Disclosure for Mineral Projects ("NI 43-101"), as required by Canadian securities regulatory authorities. The Company is not subject to the reporting requirements of section 13(a) of section 15(d) of the United States Securities Exchange Act of 1934, as amended (the "Exchange Act"), the Company's U.S. investors should be aware that the SEC adopted amendments to its disclosure requirements for issuers whose securities are registered with the SEC (the "SEC Modernization Rules"). The SEC Modernization Rules include the adoption of definitions of resources and reserves and their various categories which are "substantially similar" to the corresponding terms under the Definition Standards developed by the Canadian Institute of Mining and Metallurgy ("CIM Definition Standards") as required under NI 43-101. Accordingly, there is no assurance any resources and reserves that we may report as "measured mineral resources", "indicated mineral resources" and "inferred mineral resources" and "proven mineral reserves" and "probable mineral reserves" under NI 43-101 would be the same had we prepared these estimates under the standards adopted under the SEC Modernization Rules. Inferred Resources have a great amount of uncertainty as to their economic and legal feasibility. Under Canadian rules, estimates of Inferred Resources may not form the basis of feasibility or pre-feasibility studies, or economic studies except for a Preliminary Economic Assessment as defined under NI 43-101. For the above reasons, information contained in this presentation containing descriptions of the mineral deposits on the properties in which we hold royalty interests may not be comparable to similar information made public by United States companies subject to the reporting and disclosure requirements under the United States federal securities laws and the rules and regulations thereunde

Technical information contained in this presentation has been reviewed and approved by David Gaunt, PGeo, a qualified person that is not independent of Electric Royalties Ltd.

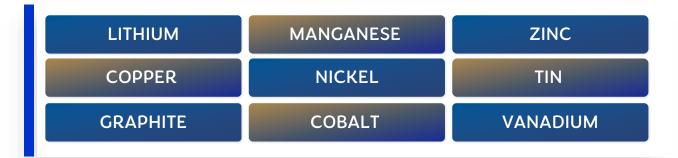
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#### WHY INVEST IN ELECTRIC ROYALTIES?

Gain exposure to a growing portfolio of royalties on metals required for the drive to sustainable electrification:



- Exponential growth forecast in demand for clean energy metals
- Management team and advisors with proven track record in creating value for shareholders
- Revenue-generating royalty portfolio



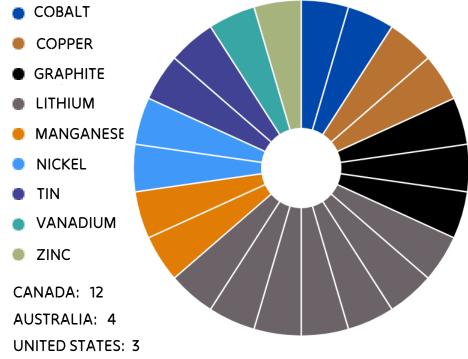






#### **COMPANY OVERVIEW**

CASH & DEBT	CASH & CASH EQUIVALENTS	C\$0.2M		
POSITION <sup>1</sup>	DEBT	C\$4.45M (UNDRAWN LOAN FACILITY C\$0.55M)		
SHARE STRUCTURE <sup>1</sup>	MARKET CAPITALIZATION	C\$2IM		
	SHARES OUTSTANDING	96,601,509		
	OPTIONS	6,125,000		
	WARRANTS	17,805,000		
	FULLY DILUTED	120,531,509		



AFRICA: 1 EUROPE: 2

## TOTAL ROYALTIES 22

FOCUS ON LONG-LIFE ASSETS
WITH EXPLORATION UPSIDE &
POTENTIAL NEAR-TERM PRODUCTION

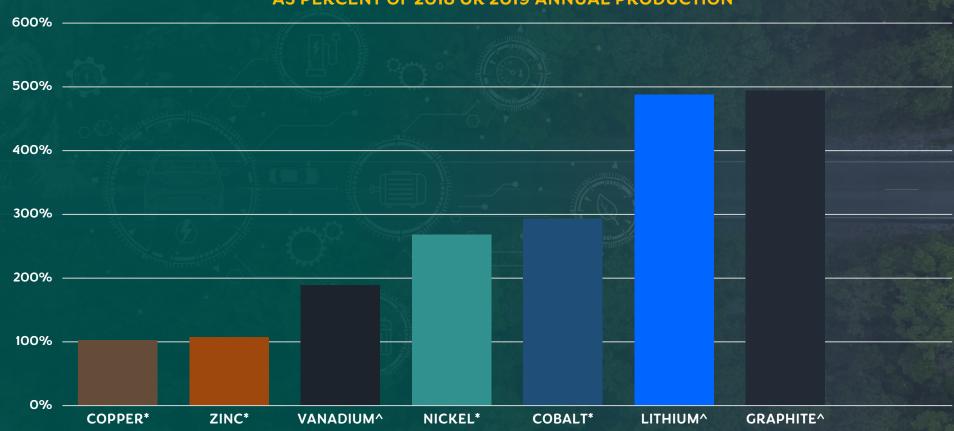
1. As at February 22, 2024





# THE WORLD NEEDS TO INCREASE MINERAL PRODUCTION TO MEET GROWING DEMAND FROM LOW-CARBON TECHNOLOGIES

2050 PROJECTED ANNUAL DEMAND FROM ENERGY TECHNOLOGIES AS PERCENT OF 2018 OR 2019 ANNUAL PRODUCTION



<sup>↑ 2050</sup> projected annual demand from energy technologies as percent of 2018 annual production

<sup>2.</sup> https://www.glencore.com/dam/jcr:6738b004-2209-47bb-b541-6fafd3b0829c/20210216-GLEN-FY-2020-Results-Presentation.pdf





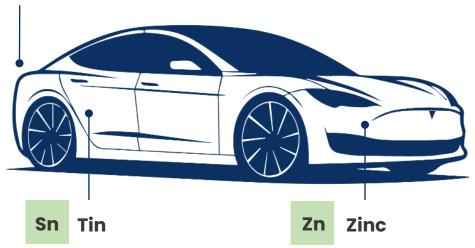
<sup>\*</sup> Forecast commodity demand (compared to 2019 annual production) under a Rapid Transition 1.5°C pathway Sources:

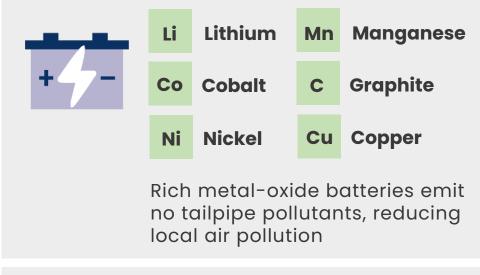
<sup>1.</sup> Climate-Smart Mining: Minerals for Climate Action (worldbank.org).

# WE ARE INVESTED IN THE MAJORITY OF KEY MINERALS REQUIRED TO MANUFACTURE ELECTRIC VEHICLES, THEIR BATTERIES AND CHARGING STATIONS

#### Cu Copper

An essential component used in motor wiring, radiator, connectors, brakes and bearings. Increases battery life and energy intensity.







#### Vanadium

Vanadium flow batteries can be used as energy storage to provide EV charging

Galvanized steel requires zinc and is the preferred material used by EV manufacturers. The average EV requires 0.2 tonnes of steel.

Source: International Council on Mining & Metals & Teck. Adapted from BT Graphics

Used in soldering

electrical

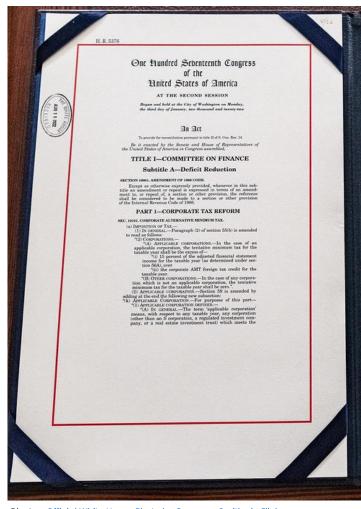
components





#### U.S. INFLATION REDUCTION ACT SIGNED INTO LAW IN 2022

There is a strong financial incentive to develop North American sources of battery metals



### What does it mean for Electric Royalties' royalty portfolio?

77% royalty assets potentially qualify for a tax credit equivalent to 10% of the cost of production for critical minerals essential to the clean technology transition

of minerals in our portfolio are U.S.-designated critical minerals that enable national security & economic development

of battery mineral content must be sourced in North America by 2029 for EV tax credit

Photo: Official White House Photo by Cameron Smith via Flickr





### ROYALTY COMPANY ADVANTAGES

- The royalty/streaming business model has been **proven to outperform mining companies**(e.g. Franco Nevada, Wheaton Precious Metals)
- Royalty companies do not operate mines nor need large and highly specialized teams to carry on their regular course of business
- Diversifies investments and mitigates risk
- Royalties are generally registered against mineral title
- Lower risk royalties are typically based on revenues and paid irrespective of underlying profitability, with no further capital outlay required

COMPETITIVE ADVANTAGES	MINING COMPANY	ROYALTY COMPANY
Leverage to commodity prices	0	<b>©</b>
- Exploration upside	0	<b>©</b>
- Production rate upside	0	<b>©</b>
→ No capital expense overruns		<b>Ø</b>
<b>⊗</b> No sustaining costs		<b>②</b>
<b>⊗</b> No exploration costs		<b>©</b>
Fixed cash costs forever		<b>©</b>
Average revenue per employee	\$300k	\$20 million
<b>─</b> Valuation multiple FCF	6×	21.6x1

1. Scotiabank: Monthly Streaming and Royalty Recap (May 2021)





### THE PROCESS OF ACQUIRING ROYALTIES

**Electric Royalties** 

Payment to acquire a mining royalty



Mining Company

% (royalty)
of cash flow
for life of
mine

Payment invested in mining operation



Mining Operation

#### ESTIMATING ANNUAL ROYALTY CASH FLOW

ROYALTY RATE

ANNUAL PRODUCTION

X

METAL PRICE

GROSS REVENUE ROYALTY
("GRR")

TRANSPORT, REFINING &/or SMELTER COSTS ETC.

**NET SMELTER ROYALTY ("NSR")** 





#### ZINC PRODUCTION

Zinc plays a critical role in batteries, energy storage and protection of steel used to build renewable energy infrastructure

PROJECT	ROYALTY	OPERATOR	LOCATION
Middle Tennessee Zinc Mine <sup>1</sup>	Sliding Scale Gross Mining Royalty above US\$0.90/lb Zn	Nyrstar / Trafigura	U.S.

- Project is comprised of two underground zinc mines, Gordonsville and Cumberland.
- Processing plant at Gordonsville mine plus nearby Clarksville smelter create an integrated mining complex.
- Production has occurred across a timespan of more than 45 years.
- Large land package with significant resource potential.



1. Production paused in November 2023 due to market conditions and inflationary impacts on input costs and operating margins





#### TIN PRODUCTION

- The Penouta Mine is currently the largest tin and tantalum producer in Europe<sup>1,2</sup>
- Tin's unique properties of malleability and corrosion resistance make it essential to the connectivity of all things electric, including circuit boards, electric vehicles, photovoltaic cells and 5G infrastructure

PROJECT	ROYALTY	OPERATOR	LOCATION	
Penouta Mine	1.5% Gross Revenue Royalty	Strategic Minerals Europe Corp.	Spain	

- In Q3 2023, Penouta produced 209 tonnes of primary concentrate, and achieved record sales of 234 tonnes of concentrates and 158 tonnes of contained minerals<sup>3</sup>.
- Additional potential opportunities to add new revenue streams from high-grade feldspar and rare earths extraction from historical tailings.
- Long potential mine life based on total measured and indicated resources of 76.3 million tonnes<sup>4</sup>.



Penouta Mine.

Source: Strategic Minerals Europe Corp.

<sup>.</sup> Further information is available in a NI 43-101 technical report by SRK with effective date March 5, 2021 on the Strategic Minerals Europe Corp. profile at www.sedarplus.ca. M+I Resources are reported at grades of 443 ppm Sn, 73 ppm Ta and 89 ppm Ta2O5. Resources at an open pit cut-off grade of 60 ppm Ta2O5Eq, based on prices and recoveries of US\$178/kg and 75% for Ta2O5, and US\$24/kg and 75% for tin.





<sup>1.</sup> Strategic Minerals Europe Corp. website https://www.strategicminerals.com/what-we-do/#penouta-mine

l. Production paused in October 2023 due to provisional suspension of section C permit. Strategic Minerals Europe Corp. has submitted an appeal of the suspension.

<sup>3.</sup> Strategic Minerals Europe Corp.'s financial statements and MD&A for the three months ended September 30, 2023

### LITHIUM ROYALTY ASSETS STRATEGICALLY LOCATED IN QUEBEC'S ABITIBI LITHIUM HUB DISTRICT







#### LITHIUM PRE-PRODUCTION

PROJECT Authier

ELEC ROYALTY 0.5% Gross Metal Royalty on part of Authier

LOCATION Quebec, Canada

STAGE Feasibility study complete for North American Lithium (NAL)

OPERATOR Sayona Mining SYA | ASX

- In April 2023, Sayona announced a feasibility study that combines its Québec flagship North American Lithium (NAL) operation and the nearby Authier Lithium Project.
- Production at NAL commenced in March 2023.
   Production at Authier planned.
- Sayona raised A\$190 million in May 2022 to advance NAL to production and develop Authier.







#### PROJECT ACTIVITY<sup>1</sup>

#### **BATTERY HILL**

#### **MANGANESE**

Prefeasibility study work underway

#### MONT SORCIER

#### **VANADIUM**

Feasibility study targeted in H2 2024

#### **ZONIA**

#### **COPPER**

Planned update to 2018 preliminary economic assessment

#### **SEYMOUR LAKE**

#### LITHIUM

Feasibility study targeted in H2 2024

#### **GRAPHMADA**

#### **GRAPHITE**

Updated Mineral Resource estimate in July 2022<sup>2</sup>; advancing studies on large-scale mining and processing

#### **RÅNA**

#### **NICKEL**

JV formed in January 2023 with Kingsrose Mining and Scandinavian Resource Holdings for exploration and development

#### **KENBRIDGE**

#### **NICKEL-COPPER**

Advanced exploration phase, permitting and licensing work in 2023

#### **BISSETT CREEK**

#### **GRAPHITE**

Preliminary economic assessment complete: Average annual production of approximately 42,000 tonnes at targeted full capacity<sup>3</sup>

1. Timeline is based on information from project owners.

2. Greenwing Resources Ltd. news release dated July 12, 2022, JORC Code 2012, Table 1. Both JORC and CIM are CRIRSCO members hence adhere to international resource reporting standards and adopt a similar approach to resource definition and classification. Differences between the two codes do exist in the requirements for QP site visits, technical reports and use of resource categories.

3. / Technical report titled "Northern Graphite Corporation, Bissett Creek Project, Preliminary Economic Assessment" dated December 6, 2013.





### ROYALTY PORTFOLIO (LISTED BY DEVELOPMENT STAGE)

#	ACQUIR	ED PROJECT	MINERAL	DEVELOPMENT STAGE	ROYALTY <sup>1,2,3</sup>	LOCATION	OPERATOR M	ARKET CAP C\$4
1	2021	MIDDLE TENNESSEE ZINC MINE	Zinc	Producing (paused)	Sliding Scale Gross Mining Royalty above US\$0.90/lb Zn	United States	Nyrstar / Trafigura	Private
2	2022	PENOUTA MINE	Tin- Tantalum	Producing (paused)	1.5% GRR	Spain	Strategic Minerals Europe Corp	5M
3	2021	GRAPHMADA	Graphite	Engineering Studies – Restart	2.5% NSR	Madagascar	Greenwing Resources	IIM
4	2020	AUTHIER	Lithium	Engineering Studies	0.5% GMR on part of Authier	Canada	Sayona Mining	383M
5	2020	BISSETT CREEK	Graphite	Preliminary Economic Assessment Complete	1.5% GRR	Canada	Northern Graphite	23M
6	2022	ZONIA	Copper	Preliminary Economic Assessment Complete	0.5% GRR & option to add 1% GRR on Zonia North	United States	World Copper	9М
7	2020	BATTERY HILL	Manganese	Preliminary Economic Assessment Complete	2% GMR	Canada	Manganese X Energy Co	orp 17M
8	2020	MONT SORCIER	Vanadium	Preliminary Economic Assessment Complete	1% GMR	Canada	Cerrado Gold	22M
9	2023	KENBRIDGE	Nickel- Copper	Preliminary Economic Assessment Complete	0.5% GRR & options to add 0.5% GRR on Kenbridge & 1% GRR on Kenbridge North	Canada	Tartisan Nickel	17М

#### **CONTINUED ON NEXT SLIDE**

- 1. GRR: Gross Revenue Royalty 2. GMR: Gross Metal Royalty
- 3. NSR: Net Smelter Royalty 4. As of February 22, 2024. February 22, 2024 exchange rates used for market cap conversions to CAD (https://ca.finance.yahoo.com/)





### ROYALTY PORTFOLIO (LISTED BY DEVELOPMENT STAGE)

Metals 40M
ted 6M
rces 112M
Global gsrose Private
ls 7M
ty Ltd Private
g 383M
g 383M
g 45M
ls 91M
ces 19M
als 35M
als 35M

<sup>1.</sup> GRR: Gross Revenue Royalty 2. GMR: Gross Metal Royalty





<sup>3.</sup> NSR: Net Smelter Royalty

<sup>4.</sup> As of February 22, 2024. February 22, 2024 exchange rates used for market cap conversions to CAD (https://ca.finance.yahoo.com/)

#### DIRECTORS, OFFICERS & MANAGEMENT

#### **CEO 8 DIRECTOR: BRENDAN YURIK B.COM**

Founder and CEO of Evenor Investments Ltd, a financial advisory group to junior mining companies for alternative financing, debt, equity and M&A with experience in over \$2 billion in mining financing transactions throughout his career. Prior global experience as a research analyst as well as in business development and mining financial advisory roles with Endeavour Financial, Cambrian Mining Finance Ltd, Northern Vertex Mining Corp. and King & Bay West Management Corp.

#### CHAIRMAN: MARCHAND SNYMAN CA (SA), CA (AUS & NZ)

Co-founder and Chairman of RE Royalties Ltd, a renewable energy royalty company, involved in the acquisition of over 100 royalties to date. Over 25 years' senior executive experience in corporate finance and mining with a global merger, financing, acquisition and divestiture track record of more than 50 transactions.

#### O DIRECTOR: ROBERT SCHAFER P.GEO

Director of International Royalty Corp (sold for \$800m to Royal Gold). More than 30 years of experience working internationally in business development roles with major and junior mining companies including formerly representing as Chairman of PDAC. Serves as a director of a number of public resource companies.

#### OIRECTOR: CRAIG LINDSAY MBA, CFA

30 years' experience in corporate finance, investment banking, and business development. Managing Director of Arbutus Grove Capital Corp. and CEO of Lonestar Lithium Ltd. Most recently the Founder, President, and CEO of Otis Gold Corp. until its sale to Excellon Resources Inc. in April 2020. Currently a Director of Revolve Renewable Power Ltd., Excellon Resources Inc., VR Resources Ltd. and Silver North Resources Ltd.

#### - DIRECTOR: STEFAN GLEASON

President & CEO of Money Metals Exchange LLC, one of the largest precious metals dealers and depositories in North America with over C\$1 billion in annual revenues. Managing Director of Gleason & Sons LLC, a limited liability company which holds and manages debt, equity, and real estate investments. Published by the Wall Street Journal, Newsweek, Mining.com, TheStreet, and others.

#### GFO: LUQMAN KHAN CPA, CGA

CFO of RE Royalties Ltd, a renewable energy royalty company, involved in the acquisition of over 100 royalties to date. Financial reporting executive with over 20 years of professional experience in accountancy and business management. Served as CFO for several publicly listed TSX-V resource companies and previously with Ernst and Young in their assurance practice.

#### - CHIEF GEOSCIENTIST DAVID GAUNT P.GEO

An economic geologist specializing in project assessment and resource estimation. His experience spans projects worldwide and includes roles with senior mining companies and junior exploration companies. Co-recipient of the PDAC's Thayer Lindsley International Discovery Award.







#### **ADVISORS**

#### GREGORY BOWES MBA. P.GEO

- Over 30 years' experience as a senior executive and director of a number of resource and engineering companies.
- CEO and a Director of Northern Graphite
  Corporation for the past 10 years advancing the
  advanced stage Bisset Creek deposit in Canada.
- Considered to be a leading expert in worldwide graphite deposits.

#### RODNEY COOPER P.ENG

- Has worked in mine exploration, development, technical services, permitting, construction, operations, mine closure and reclamation during a career that spans approximately 40 years. He has extensive experience in over 40 jurisdictions around the globe, holding executive positions in mining companies and financial institutions.
- Rodney's experience spans precious metals, base metals and industrial bulk commodities.

#### MARCEAU SCHLUMBERGER

- Management of Coral Reef Capital, a natural resources private equity firm, making investments in metals and mining and energy companies led by proven management teams.
- Sits on the investment committees of CRC Resources Fund II LP and CRC Energy Fund LP and has 25 years' experience in private equity and private credit.
- Currently serves as a board member of Rawhide Mining, Western Exploration, ROC Service, Krewe Energy, and Shawnee Oil Company.

#### NICHOLAS SCHLUMBERGER

- 40 years of private equity and investment banking experience.
- Former Managing Director at Drexel Burnham Lambert and Warburg Paribas Becker.
- Currently an active advisor to several alternative energy start-ups.

#### RICHARD WILLIAMS P.GEO

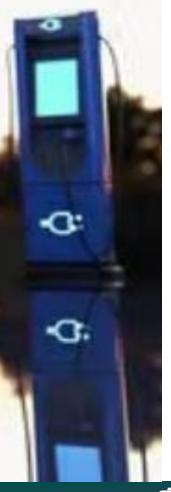
- A Professional Geologist with over 30 years' experience in gold mining and precious and base metal mineral exploration in southern Africa, the Americas, and Europe.
- Has spent the last 15 years in public company executive management, building a wide network of contacts across the financial and technical sectors of the mining and exploration industry. Currently CEO & President of Cornish Metals Inc, which is advancing the United Downs copper-tin project and the South Crofty tin project in Cornwall.
- Also CEO & Director of Winshear Gold Corp (formerly Helio Resource Corp), which discovered the resource at the SMP Gold Project in Tanzania.

#### DARCY MARUD P.GEO

- More than 30 years of precious metals exploration experience in the Americas.
- Currently the CEO of Western Exploration LLC, a Nevadabased precious metals exploration company.
- Former Senior VP Exploration at Yamana Gold Inc (2007 to 2013) and later Executive Vice President Enterprise Strategy from 2014 until his departure in September 2017. Prior to Yamana Gold, Mr. Marud held senior roles in exploration with Homestake Mining Company, FMC Gold Corp and Meridian Gold Inc.







# A HIGH-VALUE GROWTH AND INCOME INVESTMENT OPPORTUNITY

Increasing electric vehicle and battery production is set to drastically increase demand growth across electric metals over the next decade

Targeting long-term recurring and diversified royalty cash flows with no ongoing holding costs

Royalty companies have been shown to **outperform**investing directly in operating mining companies
and the underlying commodities associated with them

Experienced management team and board to drive the company forward, including experienced royalty executives, geologists, engineers and mining financiers









#### **CONTACT**

#### BRENDAN YURIK (CEO)





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