# ACKIO: A New NEAR-SURFACE URANIUM DISCOVERY in the

**Athabasca Basin Area** 





### **Investment HIGHLIGHTS**

ACKIO: High-Grade Uranium discovery in the Athabasca Basin – Athabasca 2.0

Completed >30,000 metres diamond drilling since 2021

**Currently drilling** for uranium on Catharsis project

ACKIO: Two zones of nearsurface, basement-hosted, high-grade uranium mineralization as shallow as 25 m and 32 m from surface

Well-funded with >\$20 M<sup>1</sup> in the treasury, and tight capital structure



#### Management:

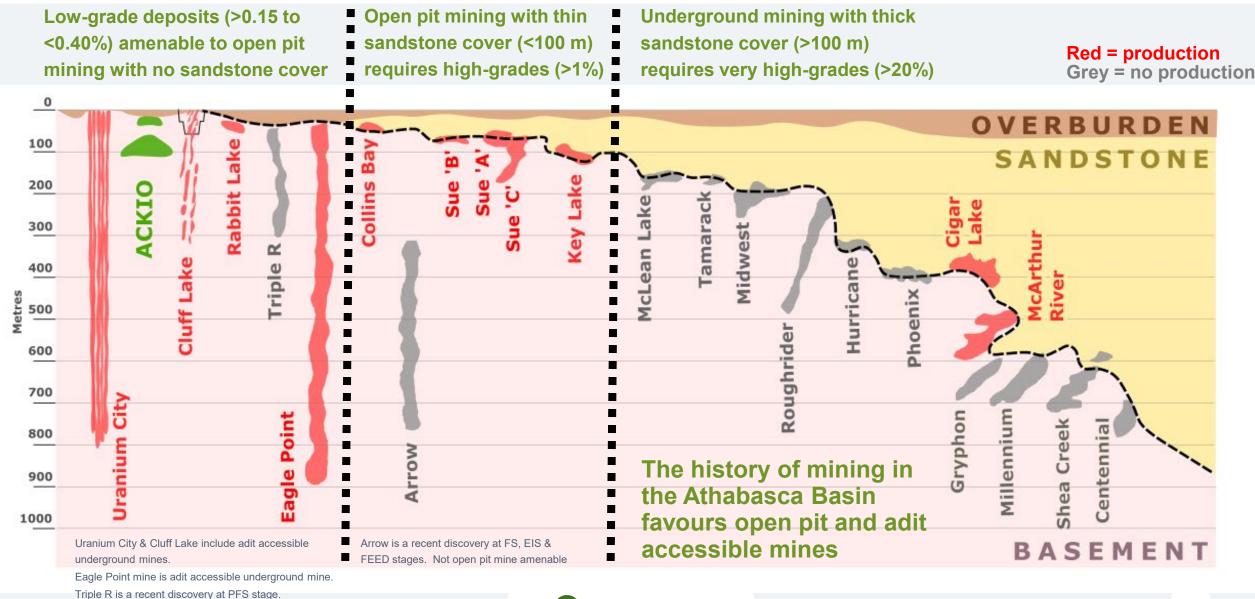
CEO, James Sykes, continues to deliver with a proven track record of discoveries

#### **Strong uranium fundamentals:**

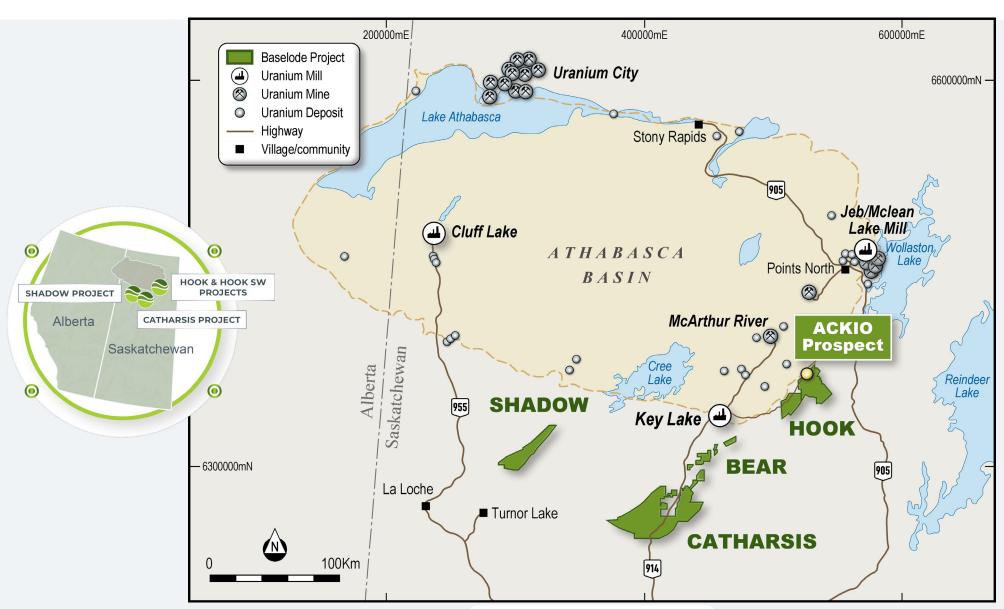
demand is increasing, global supply-demand disparity exists, and positive nuclear energy sentiment is growing



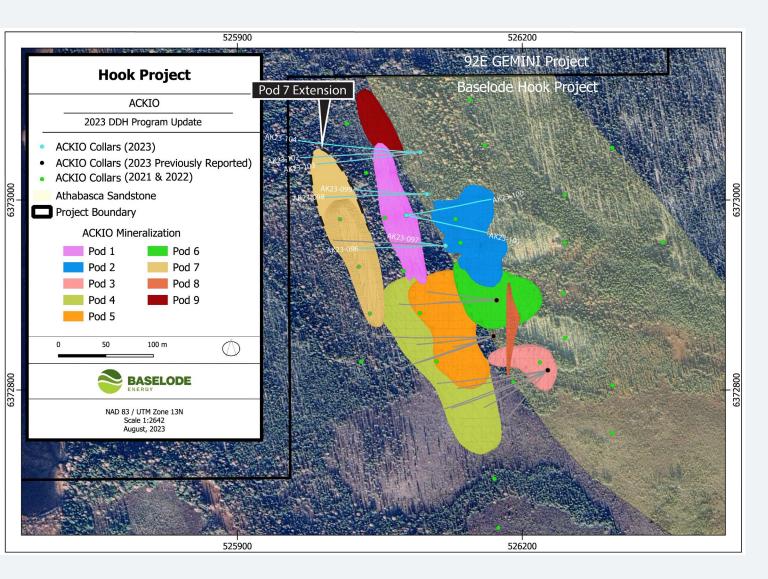
# Athabasca 2.0 Thesis: It's Not Always About Grade... ...Need to Consider Mining Engineering/Sandstone Issues



# **Projects Overview**



### **ACKIO Prospect - Definition, Expansion & Exploration**



#### **BASELODE - ACKIO**

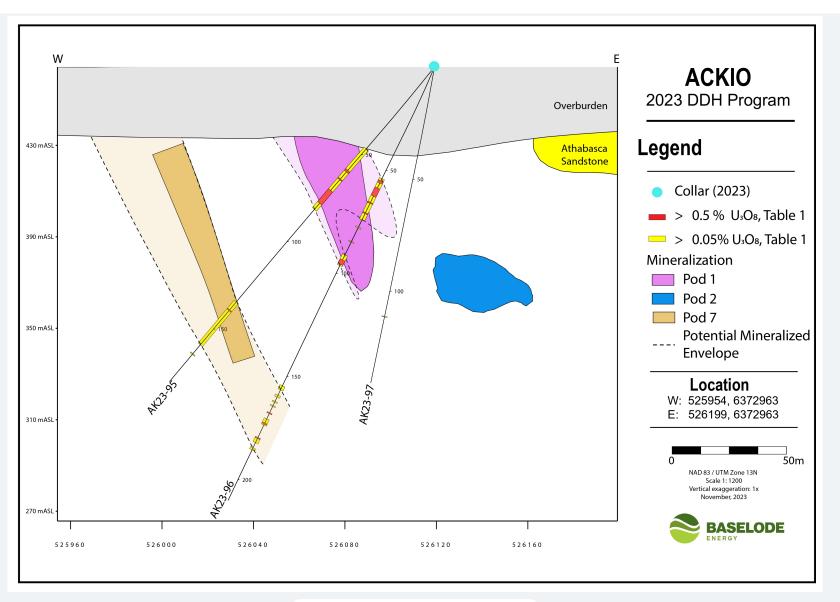
#### Mineralization details

- Starting at ~25 to 190 m below surface,
   110 m on average\*, mineralization
   continues down to 320 m
- ~175 m wide
- ~375 m strike length,
- Comprised of 9 individual uranium "Pods"
- Numerous intercepts with high-grade uranium (>0.50% U<sub>3</sub>O<sub>8</sub>)



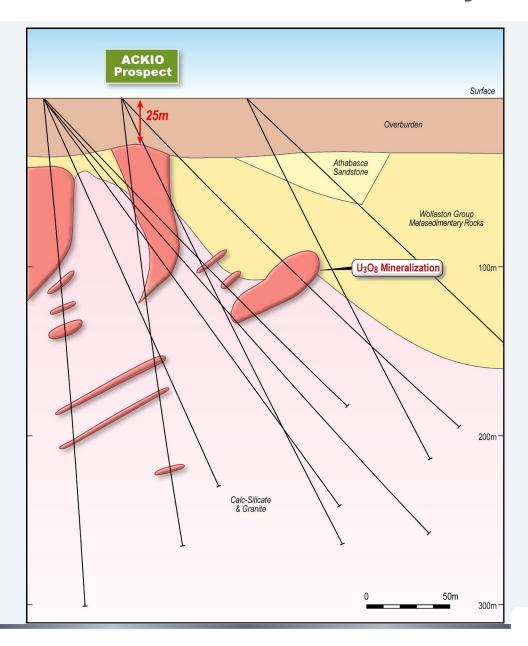
<sup>\*</sup>based on drill hole intersections with a grade-thickness (GT) value exceeding 1.0

## **Growing With Two Zones of Near-Surface Uranium Mineralization**





### **ACKIO Summary - High-Grade Uranium Mineralization**



#### **BASELODE - ACKIO**

#### **Exploration details**

- 2021: DISCOVERY (Sept Oct): completed 4 DDH (1,611 m),
   3 DDH intersected uranium mineralization
- 2022: completed 78 DDH (22,485.85 m) from Feb to Aug, 43 DDH intersected uranium mineralization
- 2023: completed 36 DDH (7,512 m) from Jun to Aug, 28 DDH intersected uranium mineralization

#### **Drill hole highlights**

- AK22-069: 0.90% U<sub>3</sub>O<sub>8</sub> over 31.0 m at 90.9 m (69.3 m true vertical depth) includes 1.86% U<sub>3</sub>O<sub>8</sub> over 12.5 m at 79.7 m
- AK22-052: 0.58%  $U_3O_8$  over 27.6 m at 30.95 m (28.1 m true vertical depth) includes 0.86%  $U_3O_8$  over 7.9 m at 31.45 m
- AK22-047: 1.67% U<sub>3</sub>O<sub>8</sub> over 7.5 m at 140.35 m (99.3 m true vertical depth) includes 2.45% U<sub>3</sub>O<sub>8</sub> over 5.0 m at 140.85 m



### **Exploration Plans for 2024 – ACKIO Uranium Discovery**

**AK22-051:** 1.54 wt%  $U_3O_8$  over 0.5 m @ 47.85 m (picture) 0.50 wt%  $U_3O_8$  over 28.9 m @ 28.45 m (drill hole)

#### ~12,000 Metres Planned for 2024

#### Resource definition and delineation

Additional drill holes targeting Pods 4, 5, 7 & 9

#### **Exploration targets**

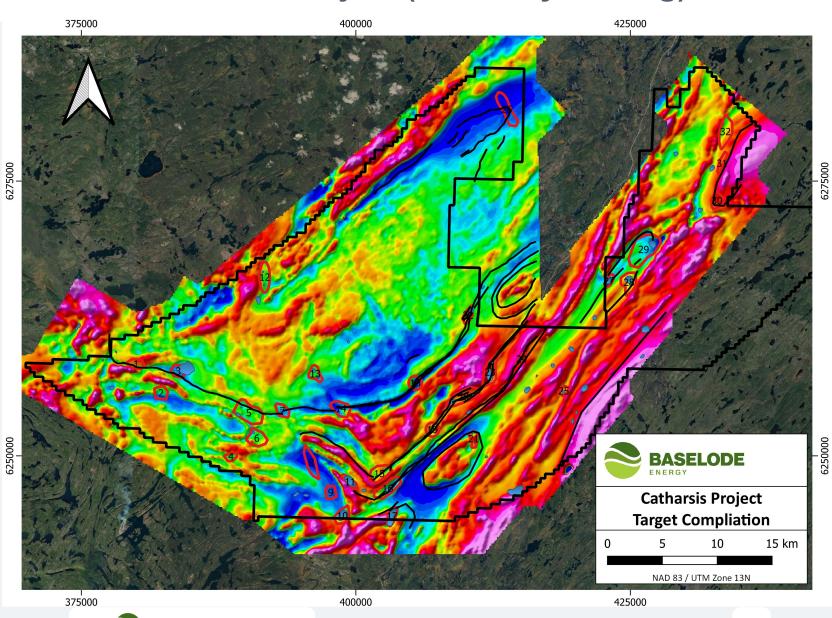
- Northern extension of high-grade uranium in Pod 7 (AK23-102 returned 1.02 wt% U<sub>3</sub>O<sub>8</sub> over 8.05 m), open along strike
- Depth extension following the ACKIO controlling structure, alteration and geochemical anomalies
- Unconformity-controlled uranium potential along the southeastern extension of the ACKIO sandstone sub-basin





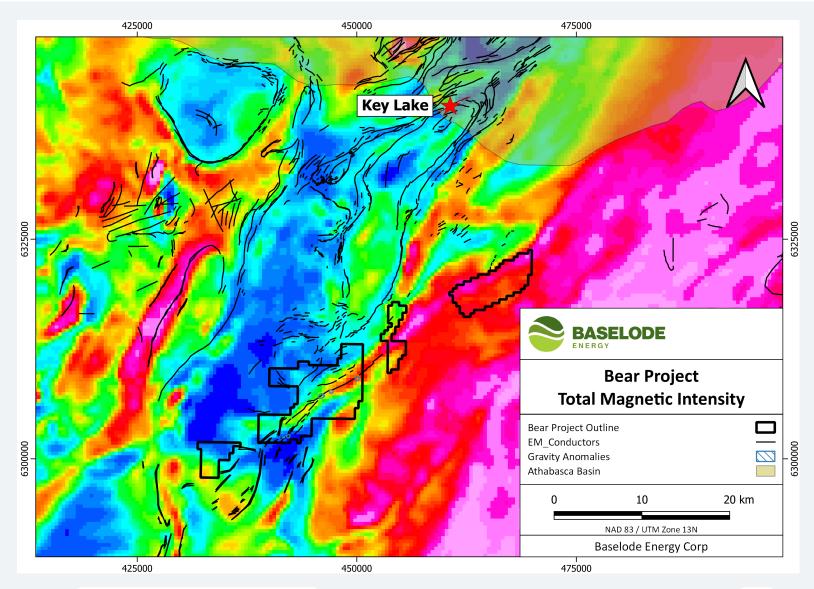
# **Exploration Plans for 2024 – Catharsis Project (Currently Drilling)**

- Currently drilling 4,000 m with 12 to 15 drill holes covering 7 to 8 target areas
- 148,450 Hectares (1,484 km²) located 60 km south of the Athabasca Basin margin
- On-strike with a geological trend that hosts more than 2 billion lbs. U<sub>3</sub>O<sub>8</sub>
- Project hosts numerous high-grade uranium surface showings
- Feb 2023: completed 8 drill holes (1,630 metres) in first-ever drill program on the project
- Results indicative of fertile uraniumbearing fluid pathways



# **Exploration Plans for 2024 – Bear Project**

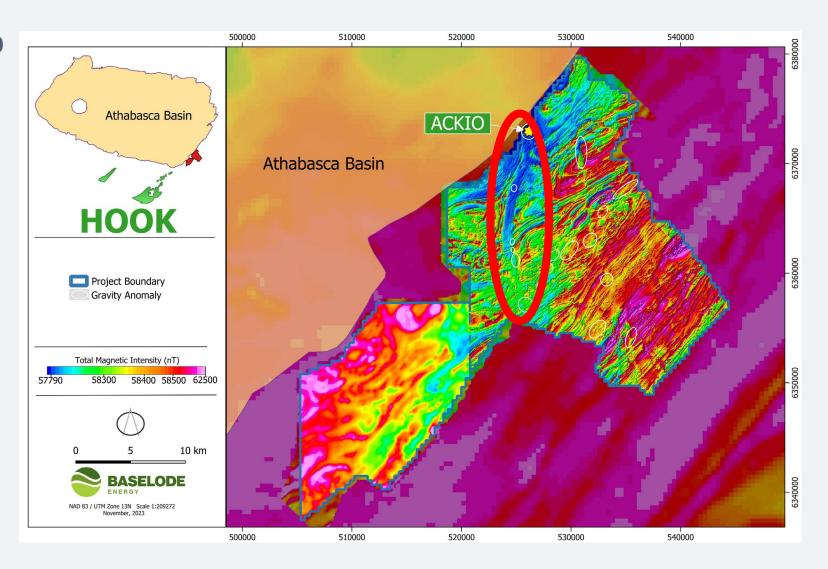
- Planned drill program in May for 1,500 m with 6 to 8 drill holes covering 3 target areas
- 13,204 Hectares (132 km²) located
   ~15 km south of the Athabasca
   Basin margin
- On-strike with a geological trend that hosts more than 2 billion lbs. U<sub>3</sub>O<sub>8</sub>
- 2008 vintage ground gravity survey identified numerous gravity low anomalies along magnetic and conductive corridors that have seen very limited drilling





# **Exploration Plans for 2024 – Hook Project**

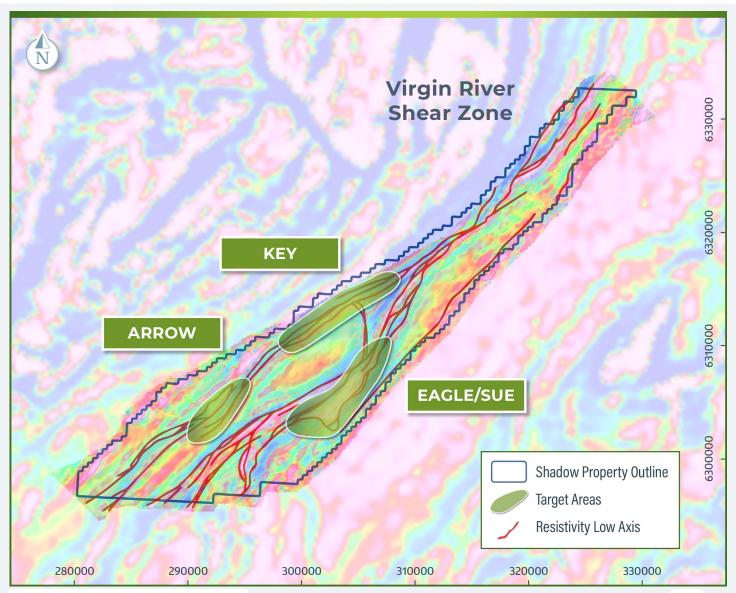
- Planned drill program in June for 4,000 m with 16 to 20 drill holes covering 5 target areas
- 61,892 Hectares (619 km²) a few kilometres east of the Athabasca Basin margin
- Since Sept 2021: completed 14 drill holes (3,540.5 metres) outside of ACKIO in three drill programs on the project.
  - Uranium-rich radioactive pegmatites intersected at Beckett Lake
  - Cu-Ni sulphides intersected at sulphide EM target





# **Exploration Plans for 2024 – Shadow Project**

- 40,624 Hectares (406 km²) located 30 km south of the Athabasca Basin margin
- Virgin River Shear Zone ("VRSZ") is one of the largest structural trends in northern Saskatchewan, hosts four uranium deposits
- Planned airborne radiometric and magnetic survey
- Indigenous consultation remains
   on-going since October 2020. Approval
   for diamond drilling is still pending. We
   remain engaged and have progressed
   forward in good-faith discussions with
   the local Indigenous communities





# **Exploration Plans 2024**

Q1

Q2 Q3

Q4

- Started February 15 4,000
  meters diamond drilling,
  12 to 15 drill holes, 7 to 8
  target areas (Catharsis
  exploration)
- Started airborne highresolution radiometrics and magnetics geophysical survey
- Planned airborne highresolution radiometrics and magnetics geophysical survey (Bear)

- Planned 12,000 metres diamond drilling, 35 to 50 drill holes, 4 target areas (ACKIO expansion & delineation)
- Planned 1,500 metres diamond drilling, 6 to
   8 drill holes, 2 target areas (Bear exploration)
- Planned 4,000 metres diamond drilling, 16
   to 20 drill holes, 5 target areas (Hook exploration)
- Planned ground/satellite ANT survey and ground gravity survey (Hook), airborne geophysical surveys: magnetics / radiometrics (west Catharsis & Shadow)

 Planned - NI 43-101 mineral resource calculation (ACKIO discovery)

# **Corporate Overview**

| Key Metrics                       |   |
|-----------------------------------|---|
| TSX Venture Exchange              | TSXV FIND   |
| Shares Outstanding (M)            | 133.6   |
| Warrants & Options (M)            | 40.7 (24.5 & 16.2)  |
| Share Price (2024/03/08) (CAD)    | \$0.32  |
| Basic Market Capitalization (CAD) | \$42.8 M  |
| Cash <sup>1</sup> (CAD)           | >\$20 M   |
| Shareholder Structure             | QC Copper and Gold 8% Company Insiders 2% URNM (Sprott ETF) 10% Institutional + Funds 45% |



| Board             |                               |
|-------------------|-------------------------------|
| James Sykes       | CEO, President & Director     |
| Joel Friedman     | CFO                           |
| Cameron MacKay    | VP, Exploration & Development |
| Stephen Stewart   | Chairman of the Board         |
| Charles Beaudry   | Director                      |
| Michael Mansfield | Director                      |



High-grade uranium (>1% U<sub>3</sub>O<sub>8</sub>), drill hole AK21-001



Retail 35%

### **Board and Management**



JAMES SYKES
CEO, PRESIDENT & DIRECTOR

- >15 years of experience in uranium exploration and discovery
- Directly and indirectly involved with the discovery of over 550M lbs of U<sub>3</sub>O<sub>8</sub> in the Athabasca Basin
- Discovered NexGen's Arrow Deposit and integral in the discovery of Hathor's Roughrider deposits
- CEO of Metal Energy Corp., nickel and lithium exploration focussed company



**STEPHEN STEWART**CHAIRMAN OF THE BOARD

- 15 years of experience in the resource and finance industries
- Focused on the M&A, exploration and development of resource assets
- Held senior offices with numerous TSX Venture companies



JOEL FRIEDMAN CFO

- Over 13 years experience in the Mining and Cannabis industries
- Most recently as CFO of Khiron Life Sciences Corp.
- Holds CPA, CA, and Honours Bachelor of Business Administration



CHARLES BEAUDRY
DIRECTOR

- Geologist with more than 35 years of experience across the globe
- 17 years with Noranda-Falconbridge-Xstrata as well as a tenure with IAMGOLD as General Manager of New Business Opportunities



CAMERON MACKAY P.Geo
VICE-PRESIDENT, EXPLORATION &
DEVELOPMENT

- 10 years of experience in uranium exploration and discovery, most notably with Purepoint Uranium Group as Senior Exploration Geologist delineating the Spitfire prospect
- Worked as Senior Bedrock Mapper with the Canada-Nunavut Geoscience Office
- Member of the Association of Professional Engineers and Geoscientists of Saskatchewan



MICHAEL MANSFIELD
DIRECTOR

- Over 20 years experience as an investment advisor and is currently a Vice-President, investment professional with Industrial Alliance Securities
- Track record of successfully taking public over 100 companies via qualifying transaction by Capital Pool Corporations and secondary financings



### **Baselode Part of**



Ore Group consists of in-house technical and financial expertise and is focused on premier jurisdictions and on metals with strong, long-term fundamentals

#### **METAL ENERGY**

**MERG: TSXV** 

Lithium & Nickel exploration, discovery & development



# Al Al

#### AMERICAN EAGLE GOLD

**AE: TSXV** 

Copper & Gold focused exploration within British Columbia



**FIND: TSXV** 

10X Return

since spin-out in 2020







#### **QC COPPER & GOLD**

**QCCU: TSXV** 

Quebec focused developer of the Opemiska Mine in Chibougamau.

#### **MISTANGO RIVER**

MIS: CSE ~10X RETURN

Active drilling in 2022 backed by strategic investor Eric Sprott & Agnico Eagle Mines.





#### **ORECAP ORX:**

#### **TSXV**

Duel Investment Issuer backed by strategic investor Eric Sprott & Agnico Eagle Mines.

As of December 31, 2021



### **Forward Looking Statements**

# WE ARE IN THE MINERAL EXPLORATION AND DEVELOPMENT BUSINESS. IT IS INHERENTLY RISKY, AND ALL INVESTORS SHOULD BE KEENLY AWARE OF THIS

This presentation contains forward-looking statements and forward-looking information (collectively referred to herein as "forward-looking statements") within the meaning of applicable securities laws. All statements, other than statements of present or historical fact are forward-looking statements. Forward-looking statements are often, but not always, identifiable by use of words such as "may", "will", "could", "should", "can", "continue", "expect", "anticipate", "estimate", "believe", "intend", "plan", "grow", "strategy" or "project" or the negative of these words or other variations on these words or comparable terminology or similar words suggesting future outcomes. In particular, this presentation contains forward looking statements relating to strategic plans along with other activities, events or developments that Baselode Energy Corp. ("Baselode") believes, expects or anticipates will or may occur in the future (including, without limitation, statements regarding the estimation of mineral resources, exploration results, potential mineralization, potential mineral resources and mineral resources.) The forward-looking statements regarding Baselode are based on certain key expectations and assumptions of Baselode concerning production and prices, business prospects, strategies, mineral reserves and mineral resources, anticipated grades, recovery rates, regulatory developments, exchange rates, commodity prices, tax laws, the sufficiency of budgeted expenditures in carrying out planned activities, the availability and cost of labour and services and the ability to obtain financing on acceptable terms and the actual results of exploratory activity being equivalent to or better than estimated results, all of which are subject to change based on market conditions and potential timing delays. Although management of Baselode consider these assumptions to be reasonable based on information currently available to them, they are inherently subject to significant business, economic and competitive uncertainties, and

By their very nature, forward-looking statements involve inherent risks and uncertainties (both general and specific) and risks that forward-looking statements will not be achieved. Undue reliance should not be placed on forward-looking statements, as a number of important factors could cause the actual results to differ materially from the beliefs, plans, objectives, expectations and anticipations, estimates and intentions expressed in the forward-looking statements, including among other things inability to meet current and future obligations; inability to implement Baselode business strategy effectively; general economic and market factors, including business competition, changes in government regulations; volatility in the market prices; failure to establish estimated mineral resources; the possibility that future exploration results will not be consistent with Baselode's expectations; the actual results of exploration, development and operational activities; engineering, technical and processing problems; liabilities and risks, including engineering liabilities and risks; changes in project parameters as plans continue to be refined; access to capital markets; interest and currency exchange rates; technological developments; general political and social uncertainties; lack of insurance; delay or failure to receive regulatory approvals, including necessary permits and licenses; changes in legislation; timing and availability of external financing on acceptable terms; and lack of qualified, skilled labour or loss of key individuals. Readers are cautioned that the foregoing list is not exhaustive.

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All currency numbers are in \$CAD unless otherwise stated.

#### **QP STATEMENT**

The technical information contained in this presentation has been reviewed and approved by Cameron MacKay, P.Geo., Vice-President, Exploration & Development for Baselode Energy Corp., who is considered to be a Qualified Person as defined in "National Instrument 43-101, Standards of Disclosure for Mineral Projects."



