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





#### TSXV FIND | OTCQB BSENF

# **Investment HIGHLIGHTS**

ACKIO: High-Grade Uranium discovery in the Athabasca Basin – Athabasca 2.0 Recently completed 2024 exploration season, assay results pending for 40 drill holes

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

**Exploration Potential:** 

3 large-scale priority target areas with characteristics of other Athabasca uranium deposits, ready to drill in 2025

> Cash: Well-funded with >\$15 M<sup>1</sup> in the treasury



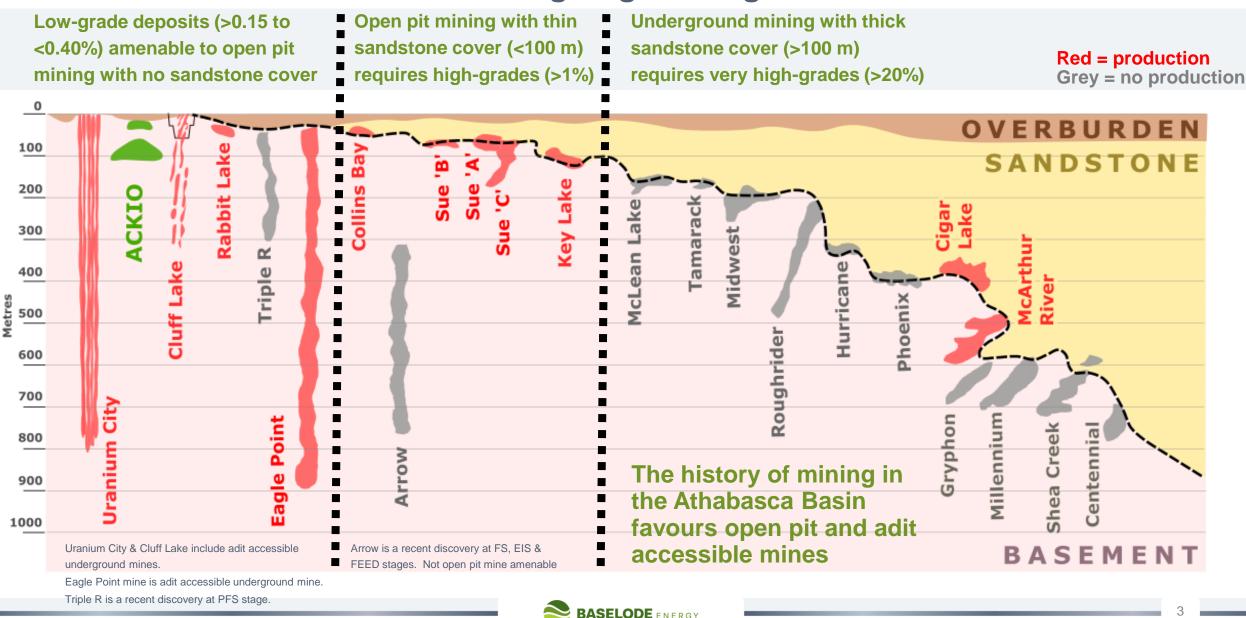
### Management:

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

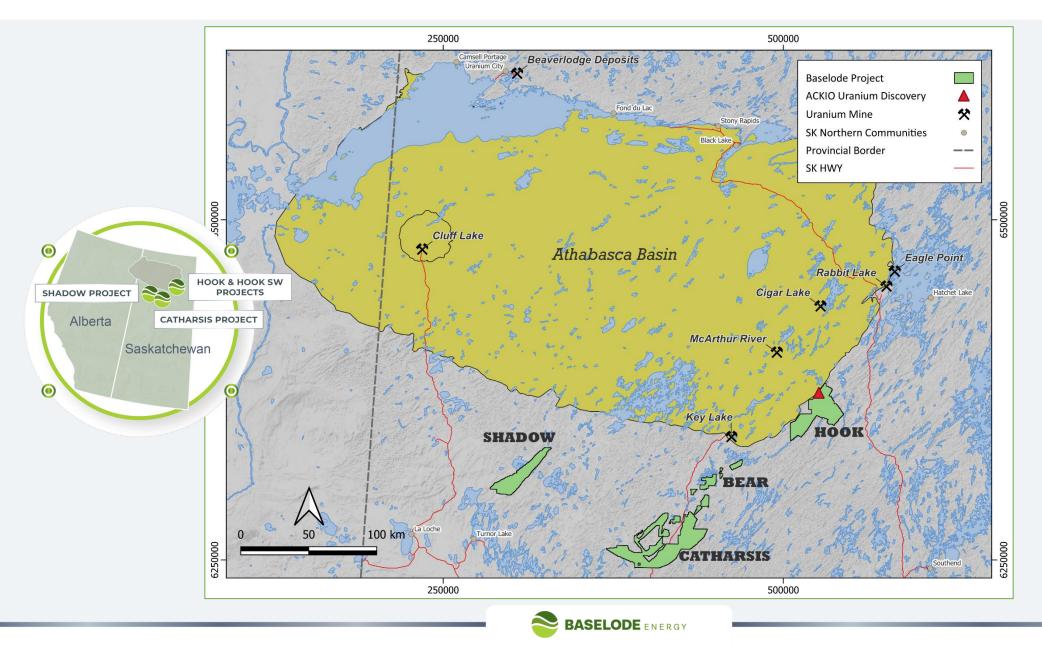
### Strong uranium fundamentals:

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

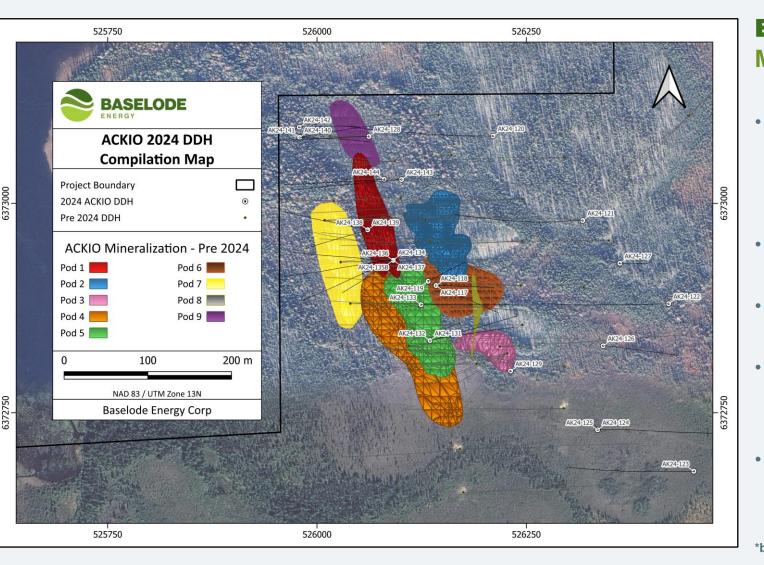


# **Projects Overview**



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## **ACKIO Uranium Discovery - Details**



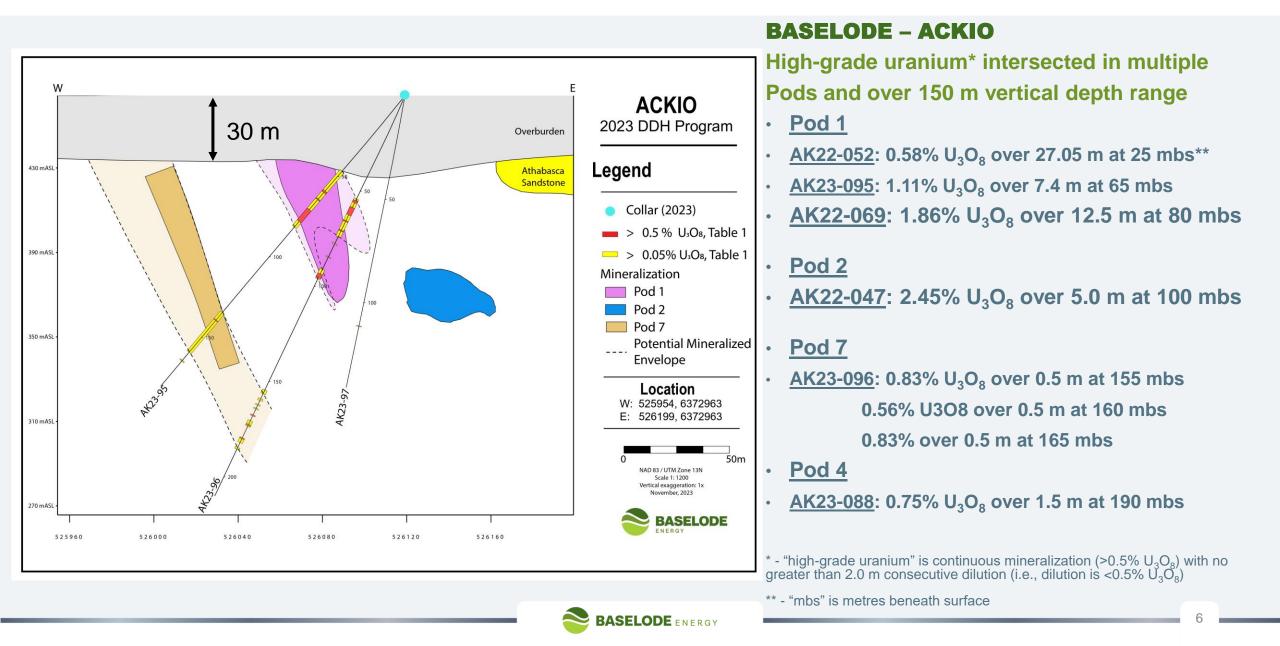
### **BASELODE – ACKIO** Mineralization details

- 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>)

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



## **Multiple Zones of Near-Surface Uranium Mineralization**



# Exploration 2024 – ACKIO Uranium Discovery Completed Drilling, Results Pending

### ~7,300 Metres Completed in 2024

### **Resource definition and delineation**

- Pod 1, results pending
- **Pod 6** 
  - AK24-118: 0.59% U3O8 over 8.5 m
  - AK24-119: 0.28% U3O8 over 21.0 m
- Pod 7, results pending
- Pod 8, results pending
- Pod 9, results pending

### **Exploration targets (all results pending)**

- 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

**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)

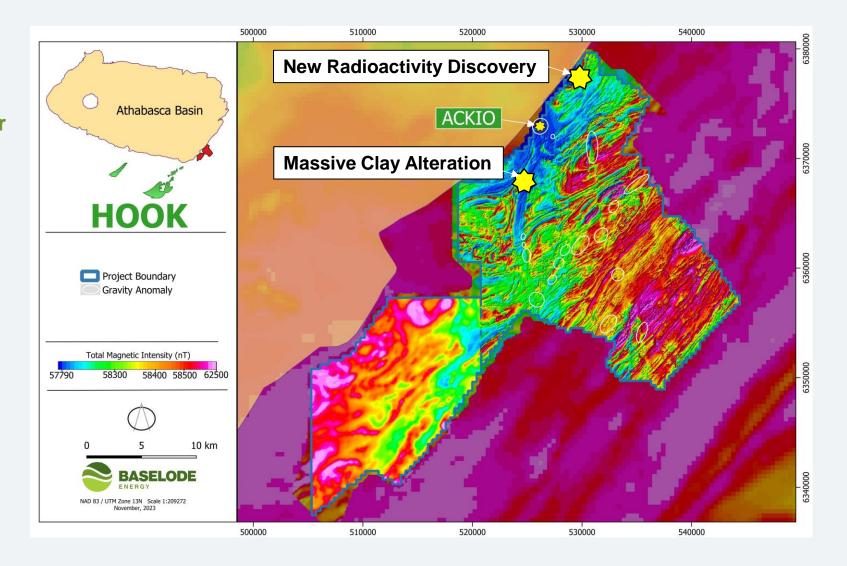




# Exploration 2024 – Hook Project Completed Drilling, Results Pending

### ~5,000 Metres Completed in 2024

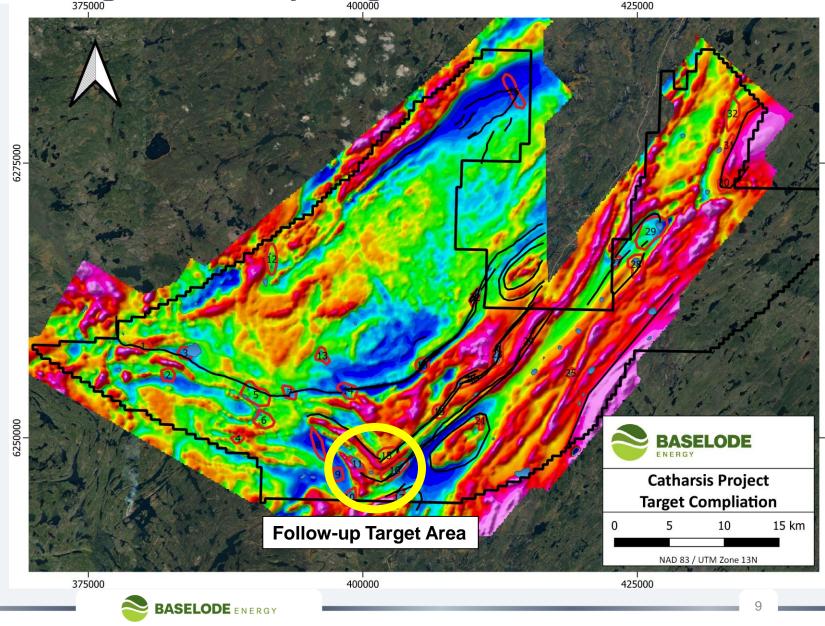
- Completed drill program in September for 5,005.75 m with 15 drill holes covering 5 target areas
- Two new discoveries include;
- New radioactivity discovery (<u>July 17</u>), results pending
- Massive clay alteration (<u>Sept 23</u>), results pending
- 61,892 Hectares (619 km<sup>2</sup>) a few kilometres east of the Athabasca Basin margin





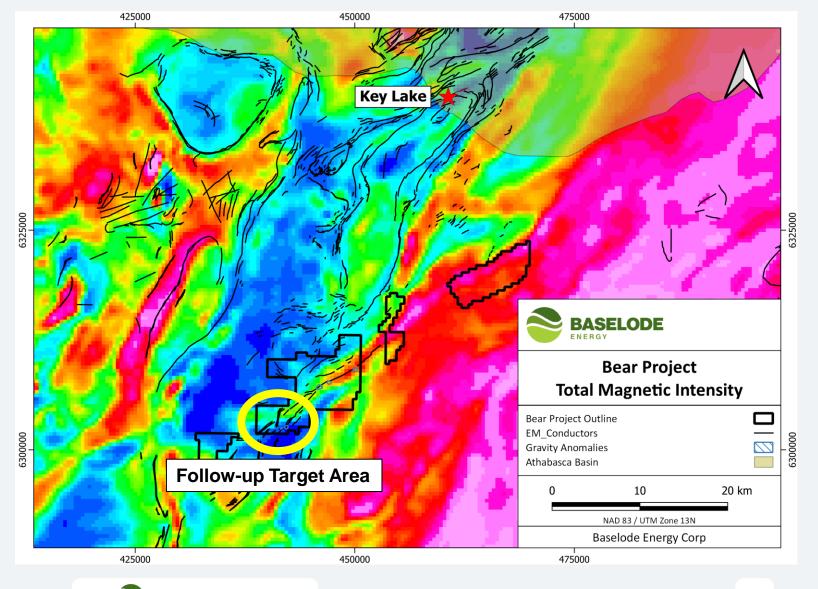
# Exploration 2024 – Catharsis Project Completed Drilling – Follow-Up Target Identified

- Completed 2,837 metres in 11 drill holes covering 6 target areas between February and April, 2024
- Two drilled areas have defined a uranium fertile structural corridor over
   5 km strike length, high-priority followup target areas defined
- On-strike with a geological trend that hosts more than
   2 billion lbs. U<sub>3</sub>O<sub>8</sub>
- 148,450 Hectares (1,484 km<sup>2</sup>) located 60 km south of the Athabasca Basin margin and Key Lake mill
- February 2023: completed 8 drill holes (1,630 metres) in first-ever drill program on the project



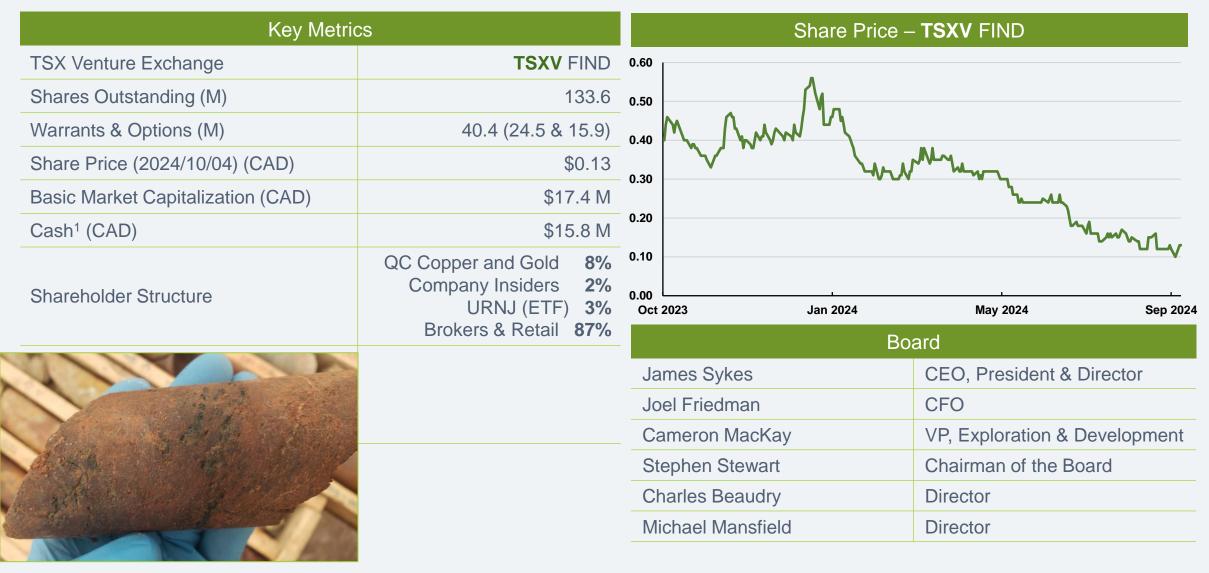
# Exploration 2024 – Bear Project Completed Drilling – Follow-up Target Identified

- Completed drilling 2,170 m with 10 drill holes covering 3 target areas between April and May
- One drilled area has defined uranium fertile structures with a follow-up target area identified within 1 km north of drilling
- On-strike with a geological trend that hosts more than 2 billion lbs. U<sub>3</sub>O<sub>8</sub>
- 13,204 Hectares (132 km<sup>2</sup>) located
   ~15 km south of the Athabasca
   Basin margin and Key Lake mill





## **Corporate Overview**



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

BASELODE ENERGY

# **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

- 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



Ore Group is focused on premier jurisdictions & on metals with strong, long-term fundamentals





# **Appendix 1: ACKIO Discovery and Exploration Summary**

#### AK22-047: ~145 m, maxed out scintillometer



#### **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
- 2024: completed 28 DDH (7,373.45 m) from Jun to Sep, 3 of 3 reported DDH intersected uranium mineralization, assay results pending for additional 25 DDH



# **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, and prizes, 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 contingencies and may prove to be incorrect.

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."





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