

# Exploring in Prolific Gold Belts

January | 2025



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# DISCOVERY DRIVEN EXPLORATION IN ONTARIO & NEVADA





**District:** Red Lake, ON

Gold showings: up to 373 g/t Au

Goal: Generate new high-grade discovery along

trend of Great Bear and Madsen



**Project:** Excelsior Springs (Au)

**District:** Walker Lane, NV

Discovery hole: 5.35 g/t Au over 33.5m

Goal: Identify structural controls and delineate

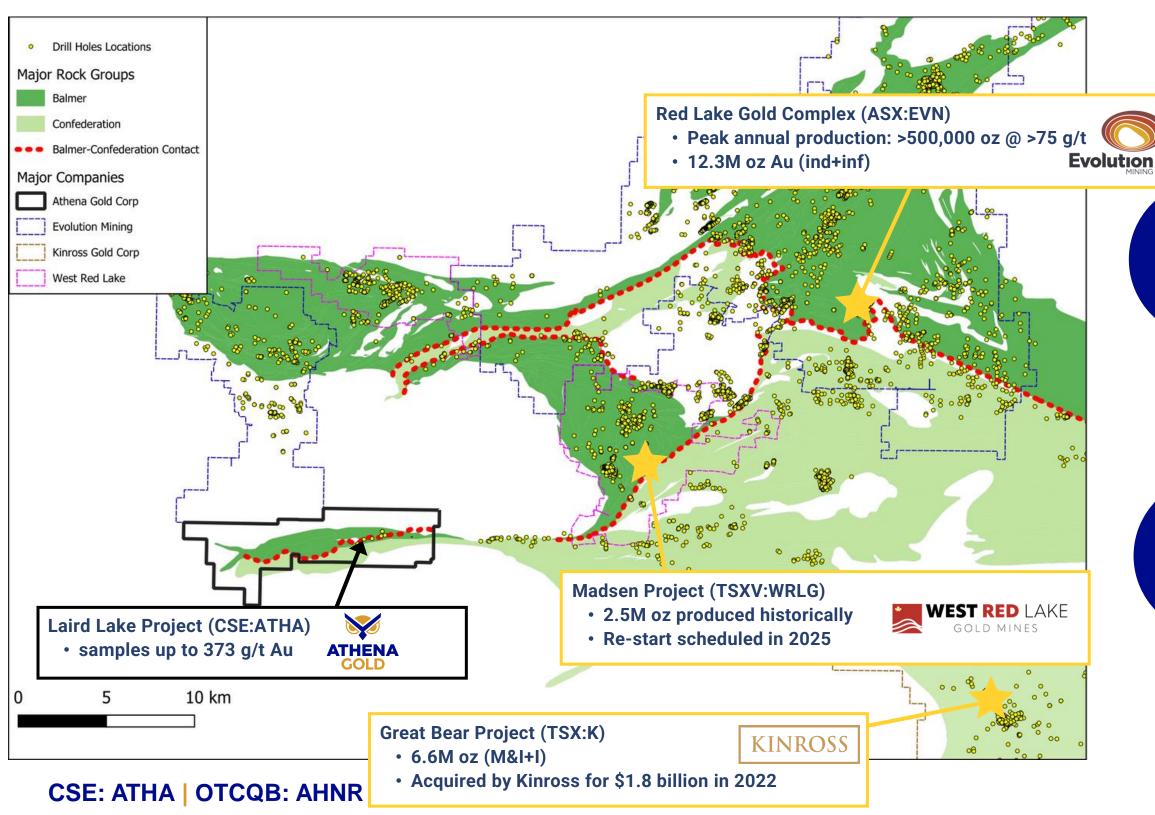
near-surface, oxide, Au-Ag deposit

# **ONTARIO PROJECT**

Laird Lake (Au)



# **RED LAKE GOLD CAMP**





- >30M oz Au produced from amongst the highest-grade mines globally
- Long mining history dating back to 1920s, with local workforce and infrastructure

# **Prime Geology**

- >90% of Au mined in Red Lake is within ~300 m of Balmer-Confederation contact
- Laird is hosted in same structural setting as Great Bear and Madsen, ~10 km of Balmer-Confederation contact

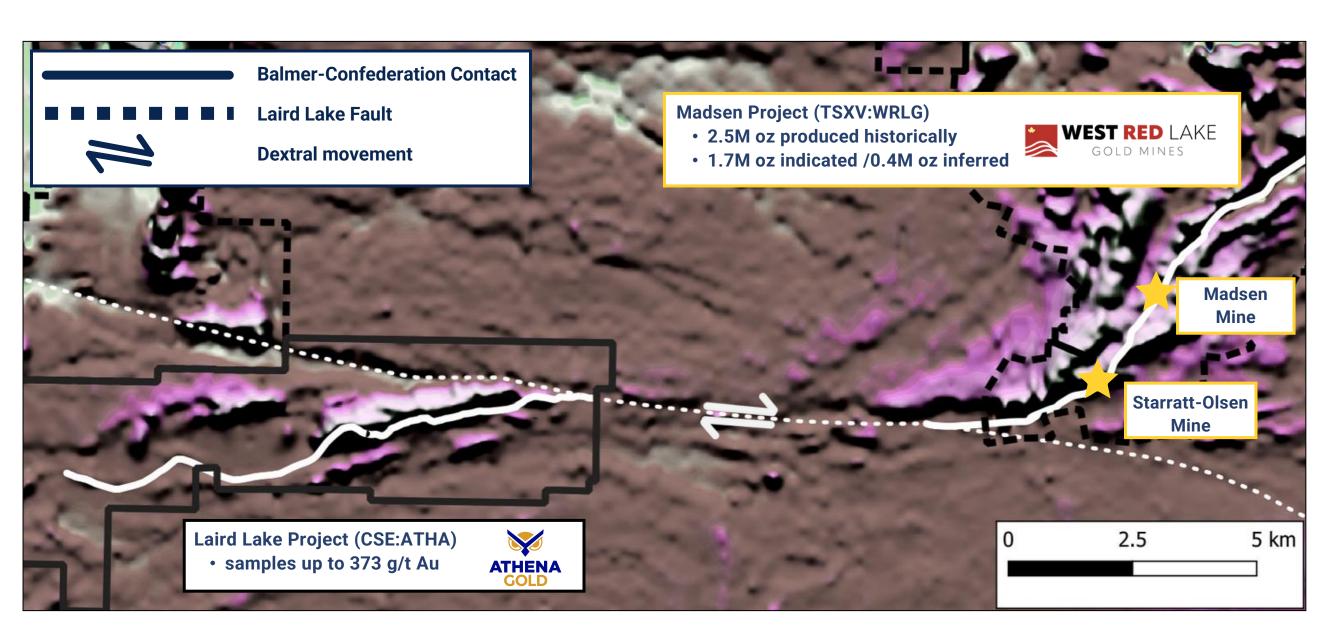


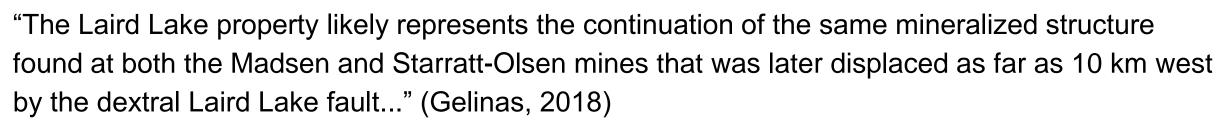
# Limited Exploration on Athena's Ground

- Historically mapped incorrectly, new MSc mapping identified Balmer rocks
- Recent sampling returned 373 g/t Au

# **LAIRD LAKE**





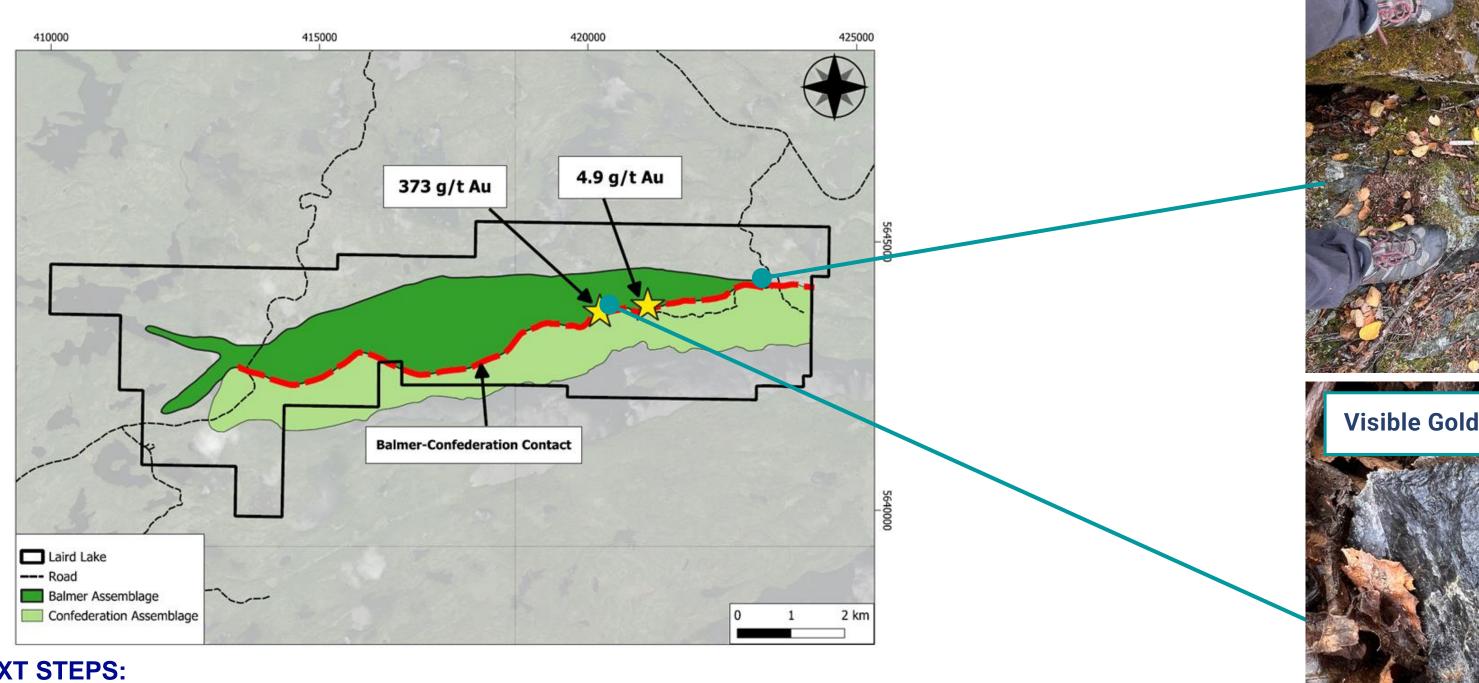






Contorted metasomatic banding at Laird Lake (top) and Madsen (bottom)

# **LAIRD LAKE**





• Reconnaissance prospecting confirmed a 2.2 km trend of mineralization coincident with the Balmer-Confederation contact, with samples up to 373 g/t Au.

• In Spring 2025, Athena plans to commence a property-wide till geochemistry survey; results of which, in conjunction with existing geophysics, will lead to target definition for an initial winter-spring drill program.

CSE: ATHA | OTCQB: AHNR

Confederation



# **NEVADA PROJECT**

Excelsior Springs (Au)

# **NEVADA'S WALKER LANE TREND**



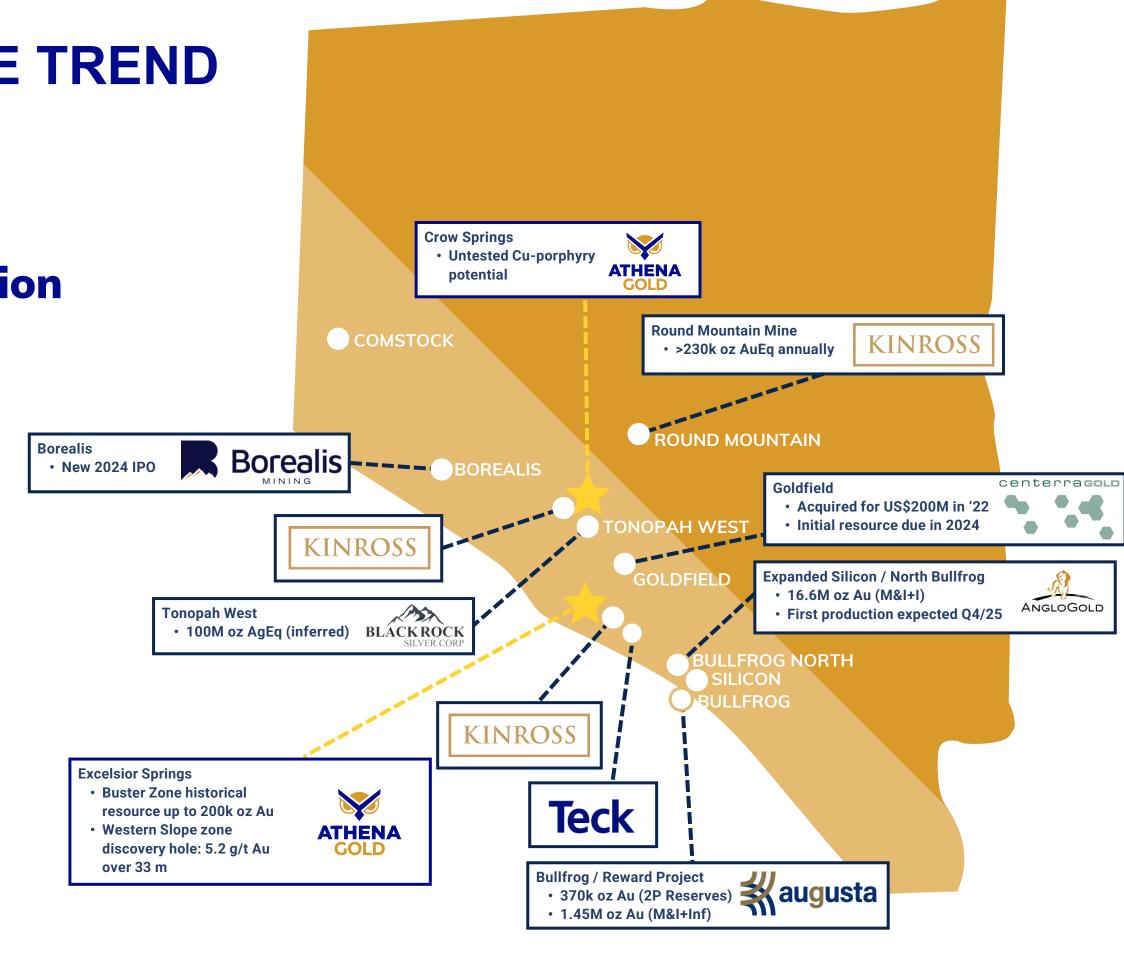
# **Top-Rated Mining Jurisdiction**

- Nevada is ranked number 1\*\* as the top mining jurisdiction globally in investment attractiveness (Fraser Institute, 2023)
- 3.65% of global Au production and 77%\*\*\* of U.S. Au production (2023)



### **Walker Lane Trend**

- >40M\* oz Au produced
- Actively explored by majors
  - Kinross Gold
  - AngloGold
  - Centerra Gold
  - Teck Resources



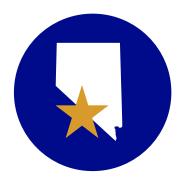
<sup>\*</sup> https://www.convergentmining.com/c-blog/grassroots-exploration-on-the-walker-lane

<sup>\*\*</sup> https://www.fraserinstitute.org/studies/annual-survey-of-mining-companies-2023?language=en

<sup>\*\*\*</sup> https://www.gbreports.com/publication/nevada-mining-2023-digital-version

# **EXCELSIOR SPRINGS**





## Walker Lane, Nevada

- ~40\* Moz Au produced
- Easy mining (~0.2 g/t Au typical cut-off for near-surface, oxides)
- Long mining history dating back to 1800s



#### **Historic UG Production**

- Three historic mines
- Buster Mine produced from narrow, epithermal veins, at >40 g/t Au, in late-1800s to early-1900s
- Patented ground
- Historical resource up to 200k oz Au



# **Open Pit Potential**

- Western Slope Zone sampling return 5.35 g/t Au over 33.5 m in near-surface, oxides, ~400 m from Buster Mine
- Mineralization bleeds into host rock returning 1.02 g/t Au over 52 m

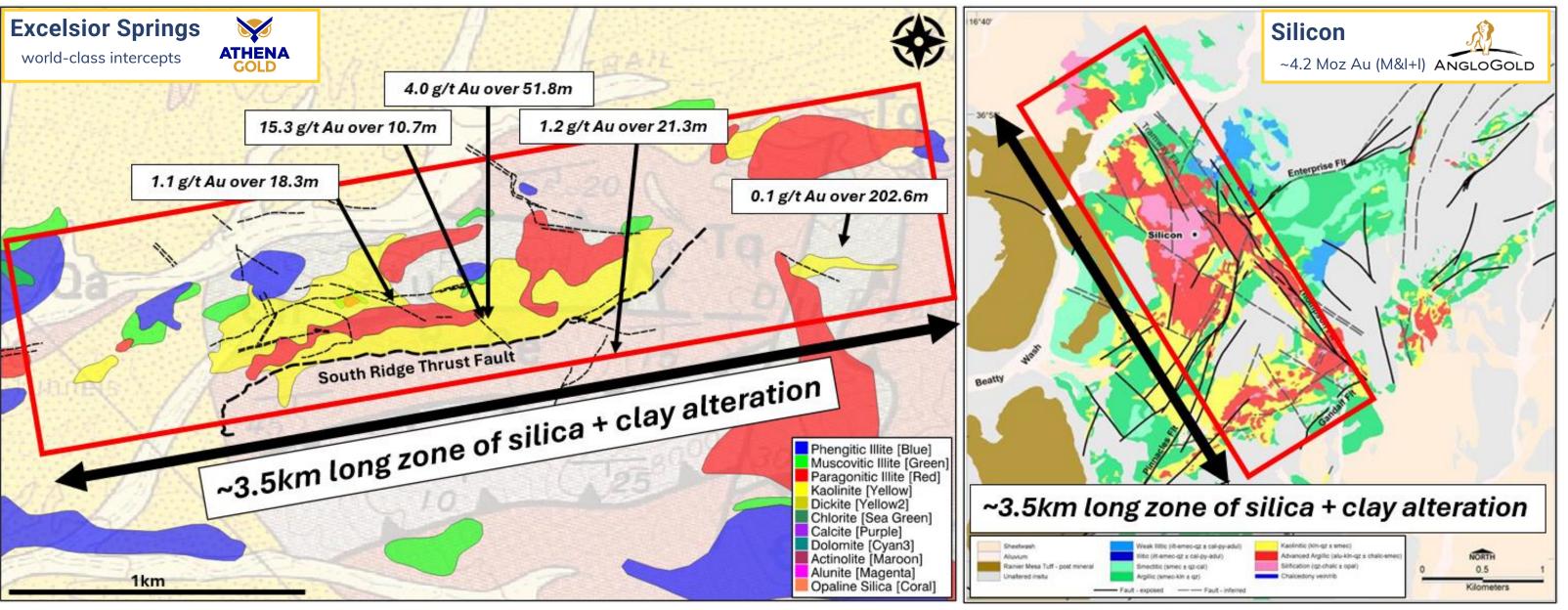
#### **Buster Mine** Historical resource: up to 200k oz Au Historic production: 19,200 oz at 41 g/t Au Patented ground **Western Slope Zone (New Discovery)** • 5.35 g/t Au over 33.5 m • 1.02 g/t Au over 52 m **Lida Bell Mine** Samples up to 54.1 g/t Au, 509 g/t Ag **Large IP Anomaly Far East Zone** Untested • 0.1 g/t Au over 203 m Potential intrusive source • Limited geophysical coverage **Blue Dick Mine (New Acquisition) Ridge Zone** Silver-rich, polymetallic mine 1.1 g/t Au over 24 m Samples up to 1,500 g/t Ag, 33 g/t Au 2,000 m 1,000 E.H. McKee (1985) Geologic map of the Magruder Mountain.

quadrangle, Esmeralda County, Nevada, and Inyo County, California

<sup>\*</sup> https://www.convergentmining.com/c-blog/grassroots-exploration-on-the-walker-lane

# **EXCELSIOR SPRINGS**



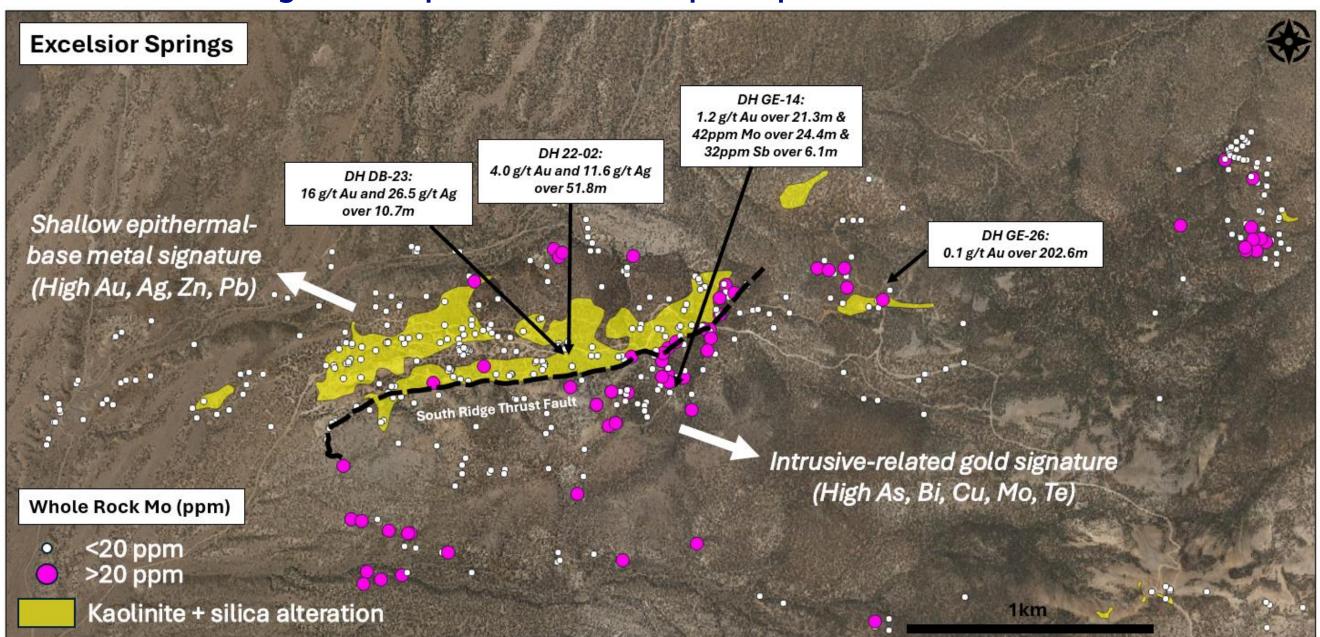


# Size of the prize: An analog to Anglo Gold's Silicon Project

- Same deposit type in the same mining jurisdiction
  - Silicon, like Excelsior, comprised historical underground mines associated with silica and clay alteration, that now make for an open-pit target
- Similar drill intercepts, similar alteration footprint, similar structural setting
  - Silicon's discovery hole returned similar grade-thickness intercepts as Excelsior's Western Slope discovery hole

# **EXCELSIOR SPRINGS**

#### Two mineralized signatures; potential for multiple deposits





#### Silicified breccia

· typical of higher-grade veins



#### **Boxwork** texture gossan

 indicates strong hydrothermal component and disseminated gold in host rock

#### **NEXT STEPS:**

- The discovery hole has been made, but structural understanding is limited
- Athena has commenced a property-wide structural mapping program, which is expected to follow-up with a trenching program
- Athena is aiming to conduct oriented core drilling (all prior holes were reverse circulation)

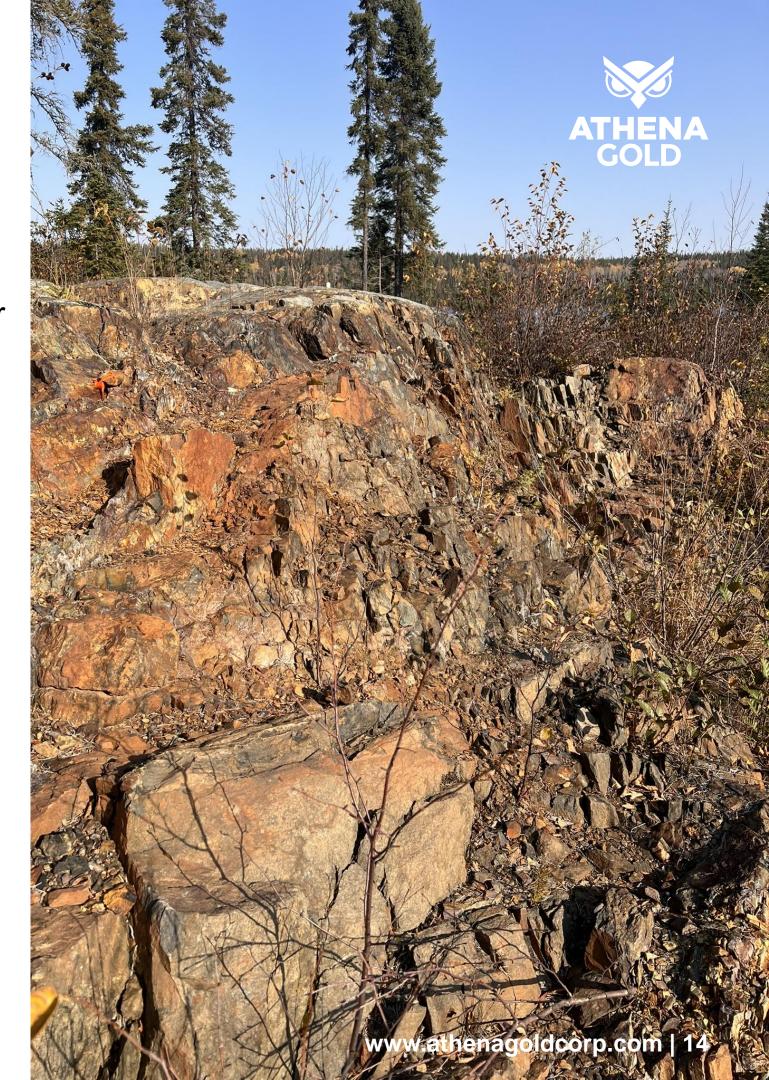
# ATHENA ACQUIRING GOLD ASSETS FROM LIBRA LITHIUM

#### **WHO**

- Athena Gold (CSE: ATHA), a publicly traded Nevada-focused explorer
- Libra, a private Ontario-focused explorer with Au and Li projects

#### **WHAT**

- Athena has acquired Libra's gold assets
  - Creating a Nevada-Ontario-focused gold explorer
- Libra management joining Athena:
  - David Goodman to join as Chairman
  - Koby Kushner to join as President, CEO and Director
  - Ben Kuzmich to join as VP Exploration
  - Andrew Jedemann to join as Exploration Manager
  - John Power to continue as Director



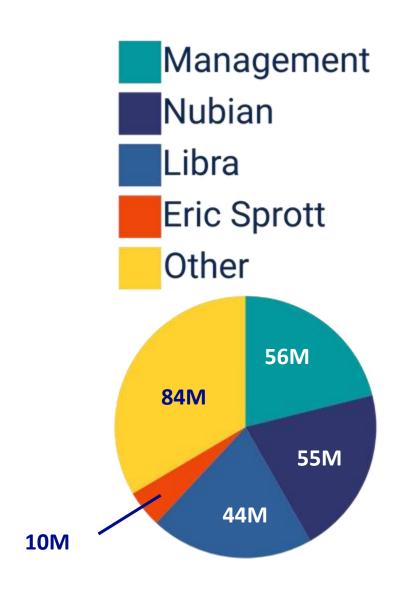
# PRO-FORMA CAPITAL STRUCTURE

(as of January 10, 2025)



Shares Issued	239M
Warrants	43M
Stock Options	5.2M
Fully Diluted	287M
52 Week High/Low	\$0.08/\$0.03

# **Pro-forma Capitalization**



CSE: ATHA | OTCQB: AHNR www.athenagoldcorp.com | 15

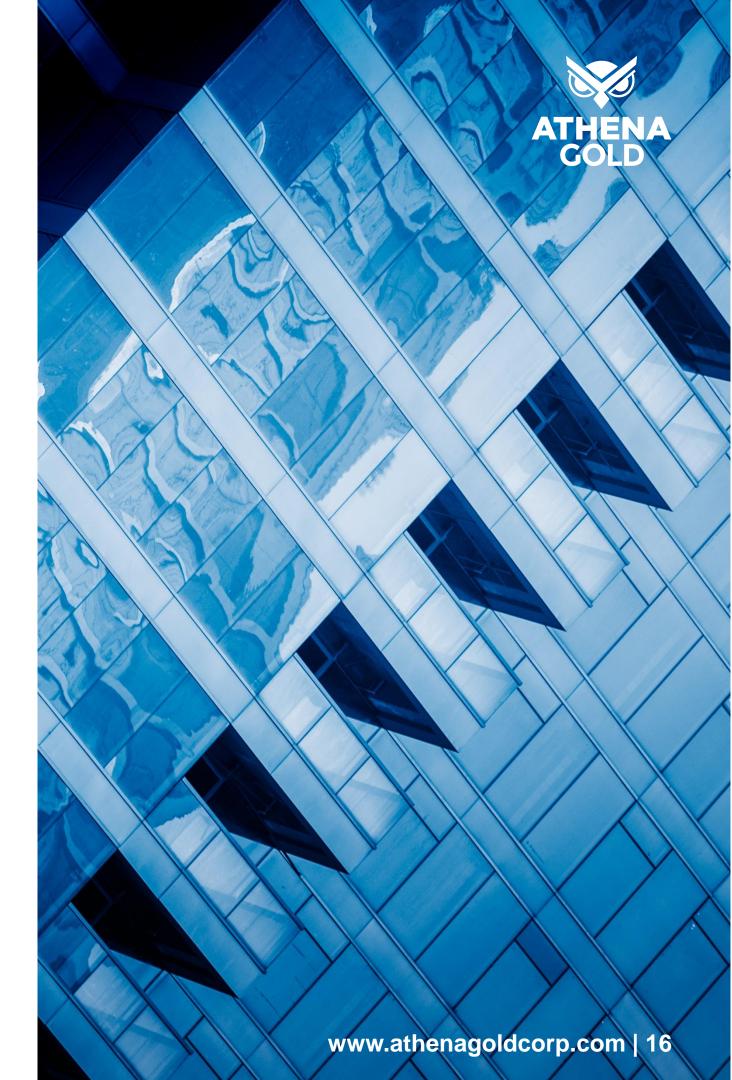
# **Next Steps**

## LAIRD LAKE BUDGET (FLOW-THROUGH ELIGIBLE)

ACTIVITY	COST	TIMELINE
Till geochemistry	~\$400k-\$550k	Q2-Q3/25
Drilling (phase 1)	~\$800k-\$1.5M	Q4/25-Q1/26
Drilling (phase 2)	~\$800k-\$1.5M	Q3-Q4/26

## **EXCELSIOR SPRINGS BUDGET (HARD DOLLARS)**

ACTIVITY	COST	TIMELINE
Trenching and sampling	~\$200k-\$250k	Q2/25
Drilling (oriented core)	~\$1.5M-\$1.8M	Q2-Q3/25



# **INCOMING MANAGEMENT**





**David Goodman** 

#### **Incoming Chairman**

- Co-founder, Libra
- Former CEO of Dynamic Funds, Dundee Wealth, Dundee Corp.



highly technical.



# Koby Kushner, P.Eng., CFA

#### **President, CEO & Director**

- 10 years in mine engineering and capital markets
- Experienced in open pit and underground, from exploration to production, in major gold districts (Red Lake, Abitibi, Hemlo, Rice Lake)
- former sell-side analyst at a boutique mining investment bank

It is our every intention to build a great and lasting company.

- David Goodman

# **INCOMING MANAGEMENT**



## Ben Kuzmich, MSc., P.Geo.

#### **VP Exploration**

- 15 years in mining and mineral exploration
- experiendiscoveries include Little Wing Au zone (Alamos' Lynn Lake), E-Zone (Barrick's Hemlo), and Flanders, Oz, and Docker Li discoveries (Libra)
- Ce covers grassroots exploration and resource definition



# Andrew Jedemann, MSc., P.Geo.

#### **Exploration Manager**

- 8 years' experience in mining and mineral exploration
- MSc thesis written on porphyry-epithermal systems
- Discoveries include Flanders, Oz, and Docker Li discoveries (Libra)



# **BOARD & INCOMING MANAGEMENT**



\*Board and management shown on pro-forma basis

#### Koby Kushner, P.Eng., CFA | President, CEO & Director

10 years' experience in mining engineering and capital markets

#### Ben Kuzmich, MSc., P.Geo. | Vice President, Exploration

15 years' experience in mining and mineral exploration

#### Andrew Jedemann, MSc., P.Geo. | Exploration Manager

8 years' experience in mining and mineral exploration

#### Ty Minnick, CPA | Chief Financial Officer

 30 years' experience in accounting, current CFO of Augusta Gold

#### David Goodman, LLB, CFA | Chairman

Past CEO, DundeeWealth, Dynamic Funds

#### **John Power | Director & Secretary**

Past President of Redwood Microcap Fund

#### John Hiner | Director

 45 years' experience, independent consulting exploration geologist

#### **Brian Power | Director**

• 30 years' experience in business management























# **CONTACT US**



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