



**GOLDEN LAKE**  
EXPLORATION INC.

CSE GLM OTC GOLXF

**ON THE VERGE OF DISCOVERY**

**EXPLORING THE PROLIFIC BATTLE MOUNTAIN - EUREKA GOLD TREND**

**OCTOBER 2024**



# DISCLAIMER

This presentation is strictly confidential and any disclosure, use, copying and circulation of this presentation is prohibited without the consent of Golden Lake Exploration Inc. ("The Company").

The information contained in this presentation does not constitute or form part of, and should not be construed as, an offer or invitation to subscribe for or purchase the securities discussed herein in any jurisdiction. Neither this presentation nor any part of it shall form the basis of, or be relied upon in connection with any offer, or act as an inducement to enter into any contract or commitment whatsoever. No representation or warranty is given, express or implied, as to the accuracy of the information contained in this presentation.

This presentation contains certain forward-looking statements relating to the business, financial performance and results of the Company and/or the industry in which it operates. Forward-looking statements concern future circumstances and results and other statements that are not historical facts. The forward-looking statements, contained in this presentation, including assumptions, opinions and views of the Company or cited from third party sources are solely opinions and forecasts which are uncertain and subject to risks. A multitude of factors can cause actual events to differ significantly from any anticipated development. Neither the Company nor any such person's, officers or employees guarantee that the assumptions underlying such forward-looking statements are free from errors and omissions nor do any of them accept any responsibility for the future accuracy of the opinions expressed in this presentation or the actual occurrence of the forecasted developments.

The information contained herein has been prepared to assist the recipients in making their own evaluation on the Company and does not purport to contain all information that they may desire. In all cases, the recipients should conduct their own investigation and analysis of the Company, its business, prospects, results of operations and financial condition as well as any other information the recipients may deem relevant.

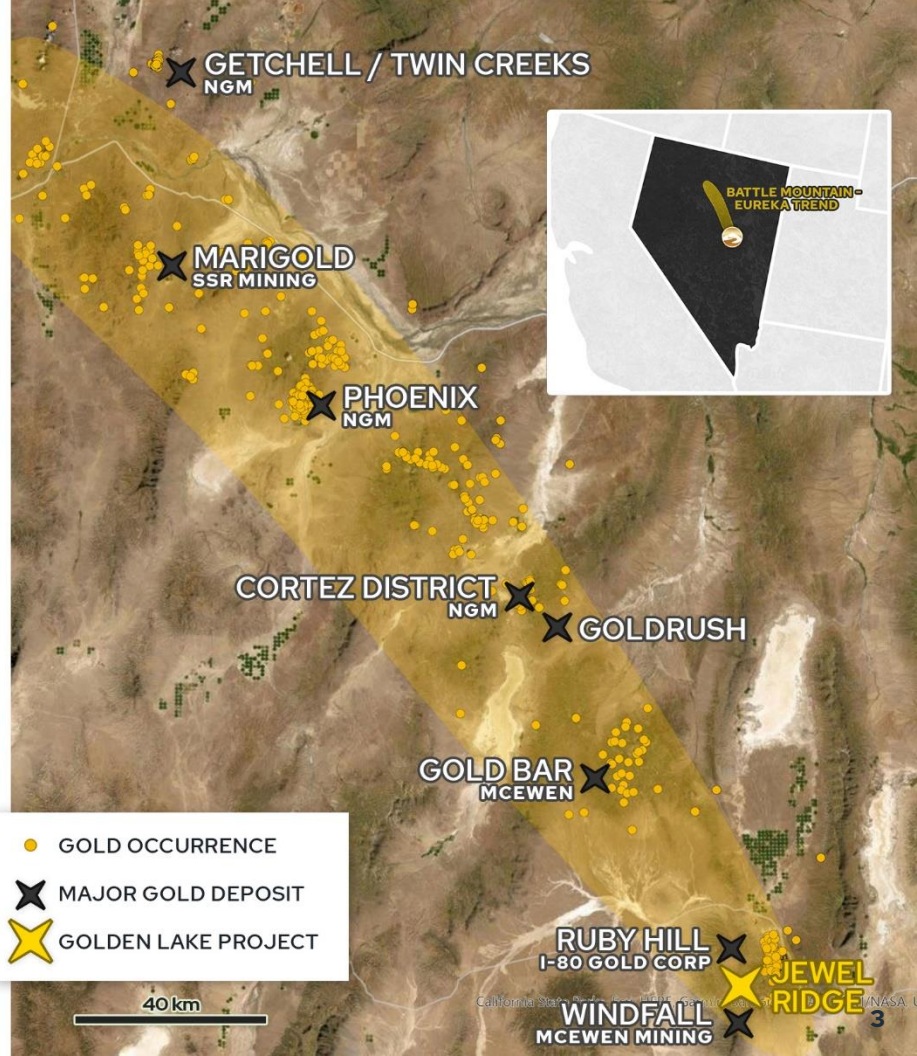
The Company does not make any representation or warranty, express or implied, as to the accuracy or completeness of this presentation or of the information contained herein and shall have no liability for the information contained in, or any omissions from, this presentation, nor for any of the written, electronic or oral communications transmitted to the recipients (including without limitation its directors, employees, representatives and advisors).

Neither the receipt of this presentation by any recipients, nor any information contained herein or supplied herewith or subsequently communicated in written, electronic or oral form to any person in connection with the contemplated issue of shares in the Company constitutes, or shall be relied upon as constituting, the giving of investment advice to any such person. Each person should make their own independent assessment of the merits of investing in the Company and should consult their own professional advisors. By receiving this presentation, you acknowledge and agree that you will be solely responsible for your own assessment of the market and the market position of the Company and that you will conduct your own analysis and are solely responsible for forming your own opinion of the potential future performance of the Company's business.

# BATTLE MOUNTAIN - EUREKA GOLD TREND

Battle Mountain – Eureka Gold Trend is one of the premier gold producing belts in the world (>40M oz. Au produced)

- Extensive CRD (carbonate replacement deposits) mining since late 1800s with remaining multi million-ounce Au & Ag potential & excellent base-metal potential
- Carlin-type & CRD gold deposits are present within the belt
- Nevada Gold Mines, I-80 Gold, McEwen Mining, SSR Mining are major players in the belt
- **Golden Lake's Jewel Ridge property located at the south end of the belt**



# PLAYERS IN THE SOUTH EUREKA GOLD BELT

Four publicly-traded companies are currently exploring in the South Eureka Gold Belt:

## I-80 Gold (TSX: IAU)

Ruby Hill Property, \$577.3M Market Cap\*

## North Peak Resources (TSX-V: NPR)

Prospect Mountain Property, \$30.5M Market Cap\*

## McEwen Mining\*\* (TSX: MUX)

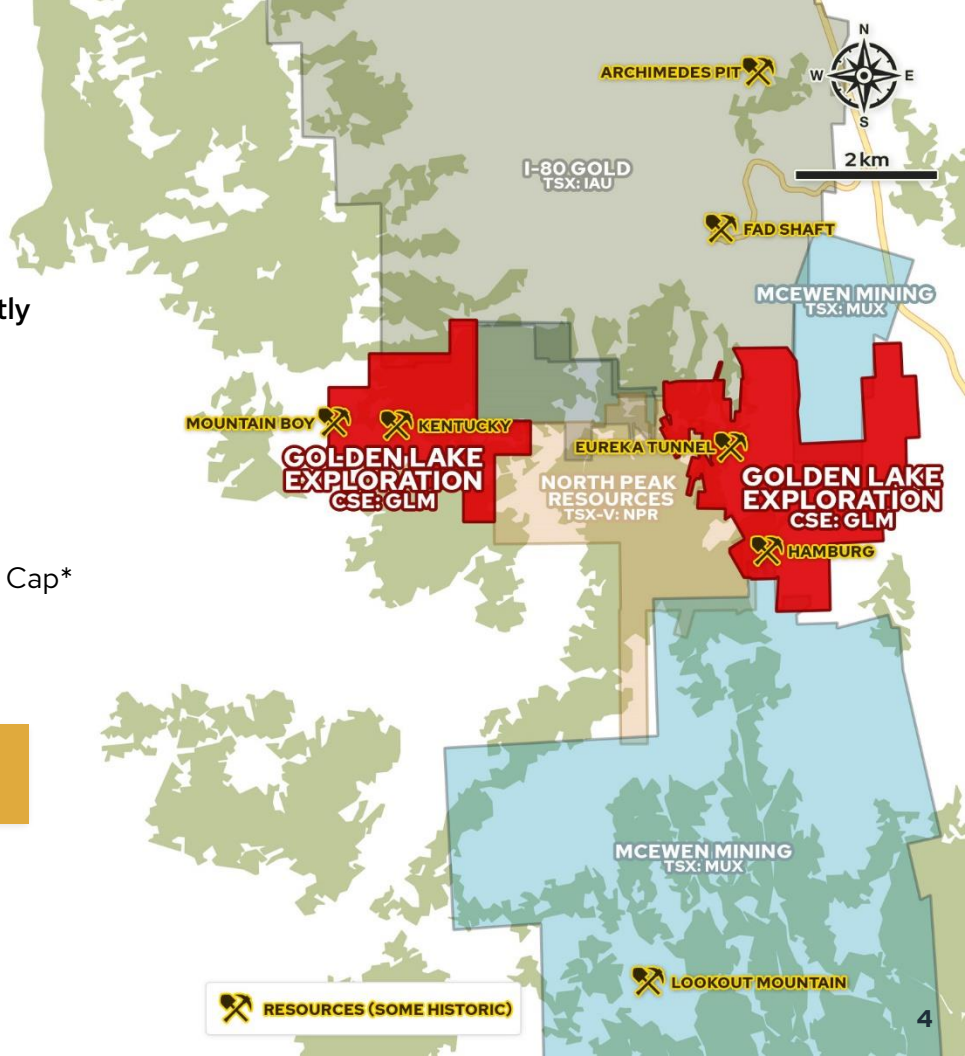
Eureka Property, \$651.9M Market Cap\*

## Golden Lake Exploration (CSE: GLM)

Jewel Ridge Property, \$3.75M Market Cap\*

\*Market caps as of July 23rd, 2024

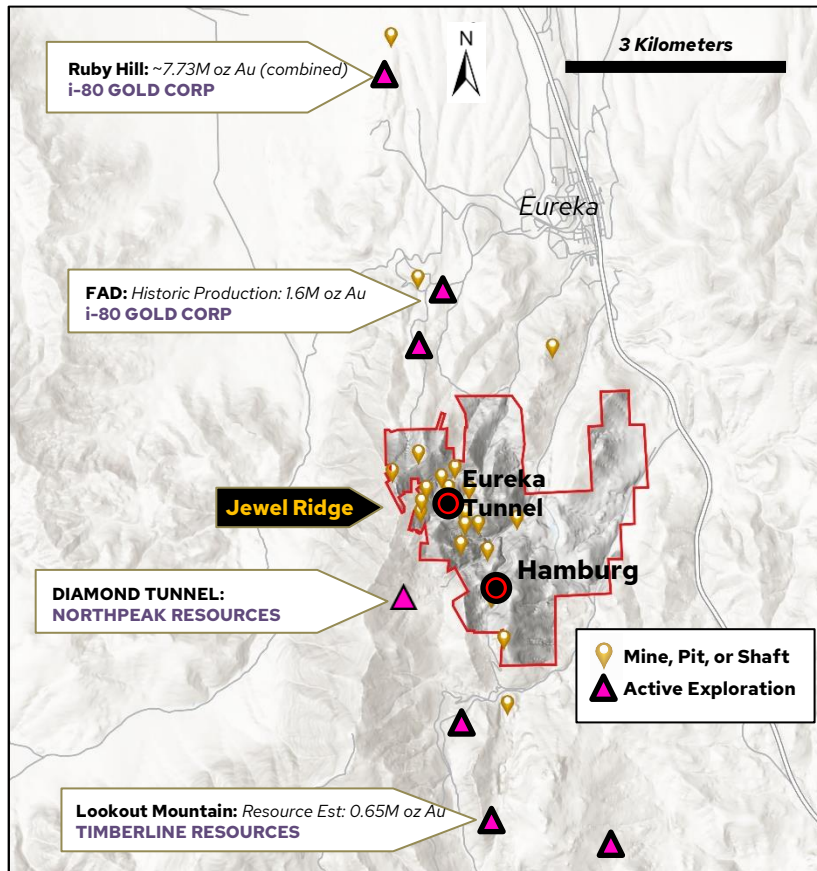
\*\* Pending takeover of Timberline Resources

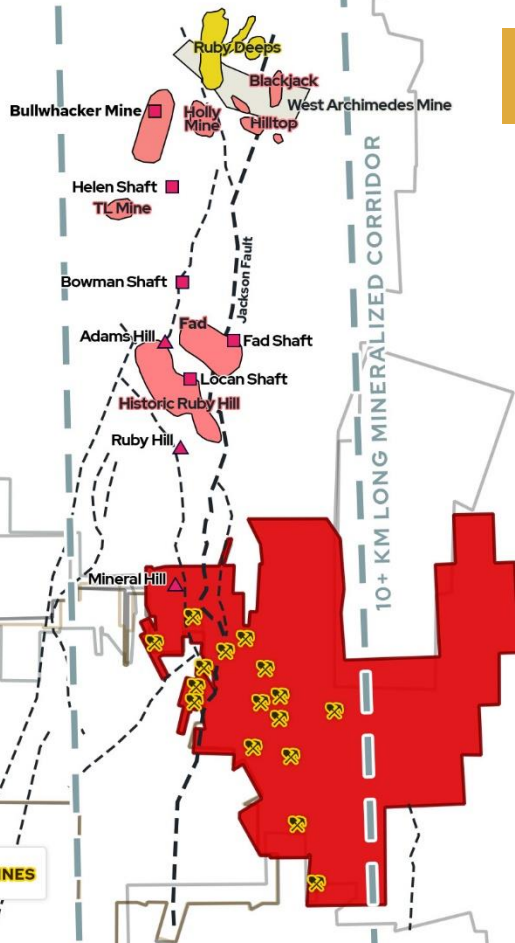




# SOUTH EUREKA GOLD BELT DISTRICT ENDOWMENT

- **Ruby Hill: 7.73M oz Au combined (non 43-101 compliant) from deposits within the Ruby Hill Complex,** outstanding recent drill results from numerous deposits, **also 1.6M oz Au & 38M oz Ag recovered from 1.8MT of historic production from the FAD deposit**
- **Jewel Ridge: 57.2 g/t Au, 452 g/t Ag, 7.2% Pb & 12.0% Zn over 3.2M** (Eureka Tunnel) & 10.72 g/t Au over 8.6M (Hamburg)
- **Lookout Mountain: 28.9MT @ 0.41 g/t Au totaling 0.58M oz Au** (Measured & Indicated)
- **Over 10M oz. Au & outstanding base-metal potential within the SEGB with excellent upside potential**





## THE CASE FOR JEWEL RIDGE

### 10+ KM LONG MINERALIZED CORRIDOR

- **Jewel Ridge is situated on a 10-km-long, north-trending mineralized corridor (dashed red lines) centered on the Jackson Fault**
- All of the Archimedes, Ruby Deeps, Hilltop, 426, Blackjack and FAD deposits on the I-80 Gold property are contained within the broad 2 km-wide corridor
- The southern extension of the mineralized corridor trends directly onto the Jewel Ridge property containing numerous historic mines & occurrences
- The corridor contains both Carbonate Replacement deposits (Hilltop, 426 & FAD deposits) as well as Carlin-type disseminated gold deposits (Archimedes, Ruby Deeps deposits)

# PAST & PROPOSED DRILLING

## PAST RESULTS

### Eureka Tunnel Target

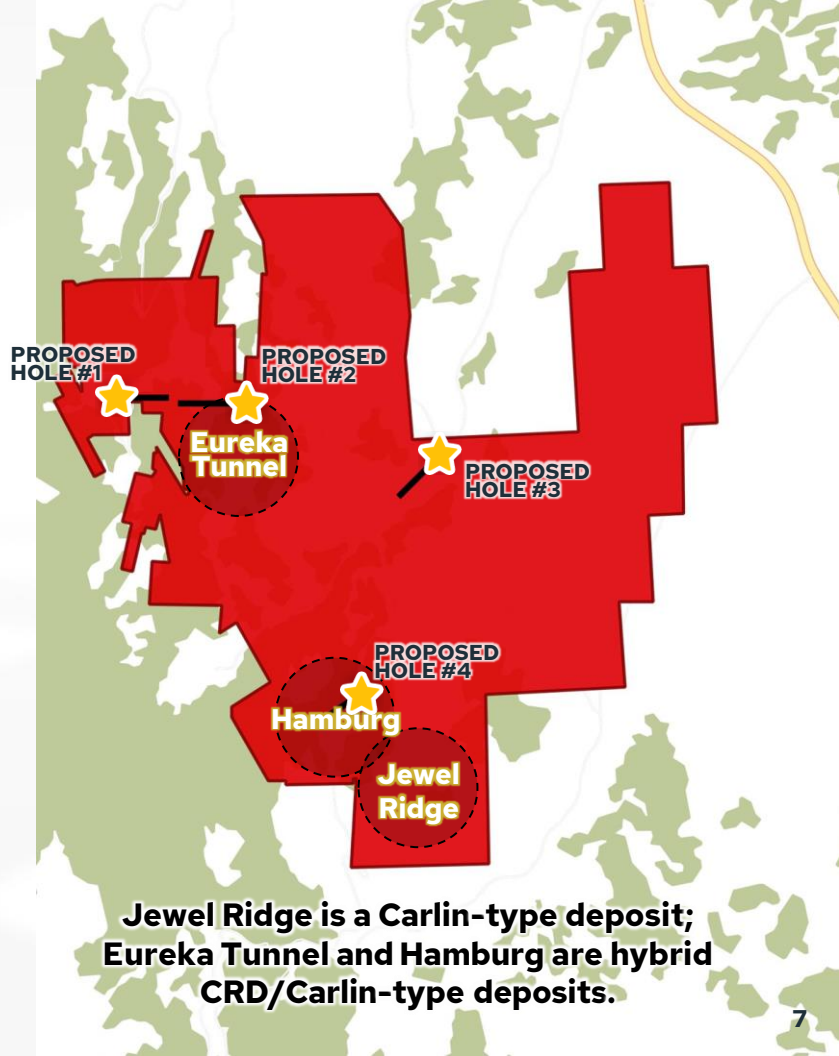
- **24.54m of 9.16 Au g/t, 65.8 Ag g/t, 1.03% Pb, 1.90% Zn**  
**incl. 3.23m of 57.16 Au g/t, 452.03 Ag g/t, 7.23% Pb, 11.99% Zn**
- 25.54m of 4.37 Au g/t, 13.56 Ag g/t  
incl. 4.40m of 14.09 Au g/t, 14.53 Ag g/t, 3.05% Zn
- 79.25m of 0.55 Au g/t, 0.81 Ag g/t  
incl. 3.66m of 1.93 Au g/t, 1.04 Ag g/t  
incl. 10.18m of 0.49 Au g/t, 0.99 Ag g/t

### Jewel Ridge Target

- 28.96m of 2.20 Au g/t  
incl. 9.14m of 5.90 Au g/t
- **56.39m of 1.24 Au g/t, 0.19 Ag g/t**  
**incl. 10.67m of 4.79 Au g/t, 0.54 Ag g/t**

### Hamburg Target

- **67.57m of 2.37 Au g/t, 2.49 Ag g/t**  
**incl. 8.56m of 10.72 Au g/t, 9.30 Ag g/t**
- 10.67m of 4.29 Au g/t, 25.68 Ag g/t, 0.98% Pb, 1.38% Zn  
incl. 3.72m of 7.84 Au g/t, 50.10 Ag g/t, 2.22% Pb, 2.24% Zn  
incl. 7.62m of 0.38 Au g/t, 5.73 Ag g/t, 0.27% Pb, 0.60% Zn  
incl. 4.57m of 1.13 Au g/t, 19.37 Ag g/t, 0.41% Pb, 0.99% Zn

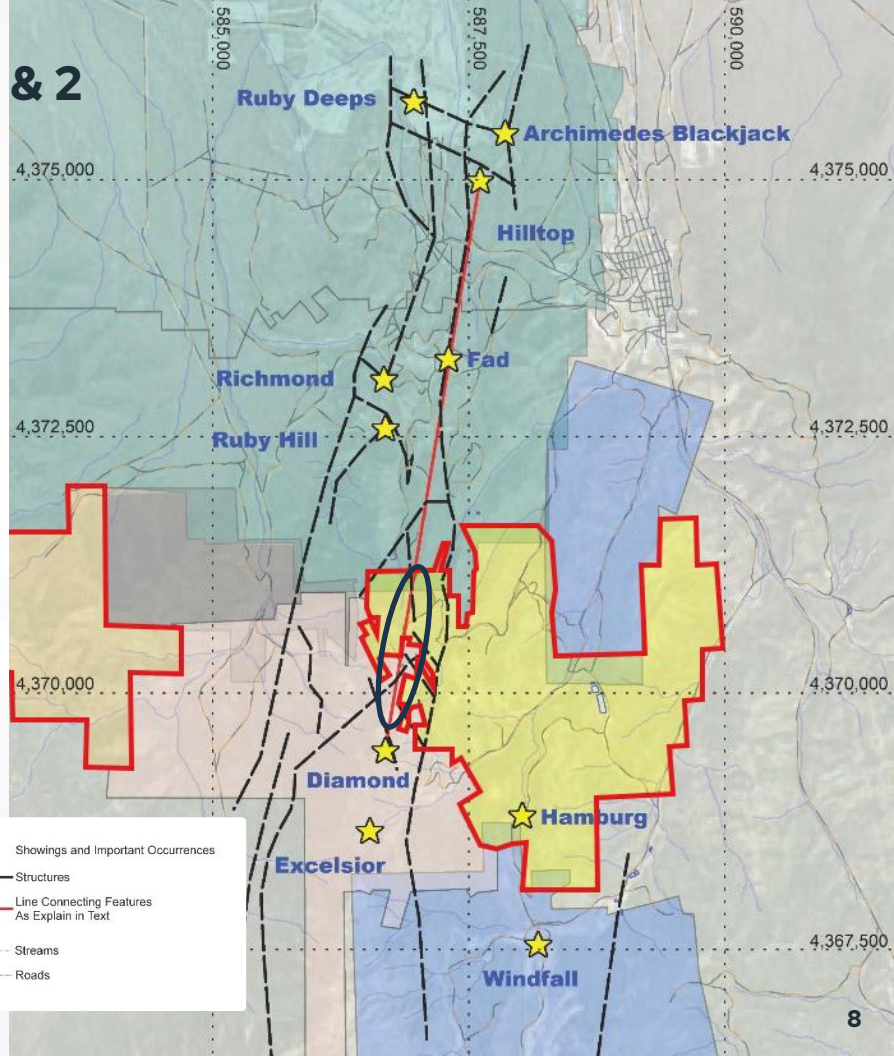


**Jewel Ridge is a Carlin-type deposit;  
Eureka Tunnel and Hamburg are hybrid  
CRD/Carlin-type deposits.**

# PRIORITY DRILL TARGETS 1 & 2

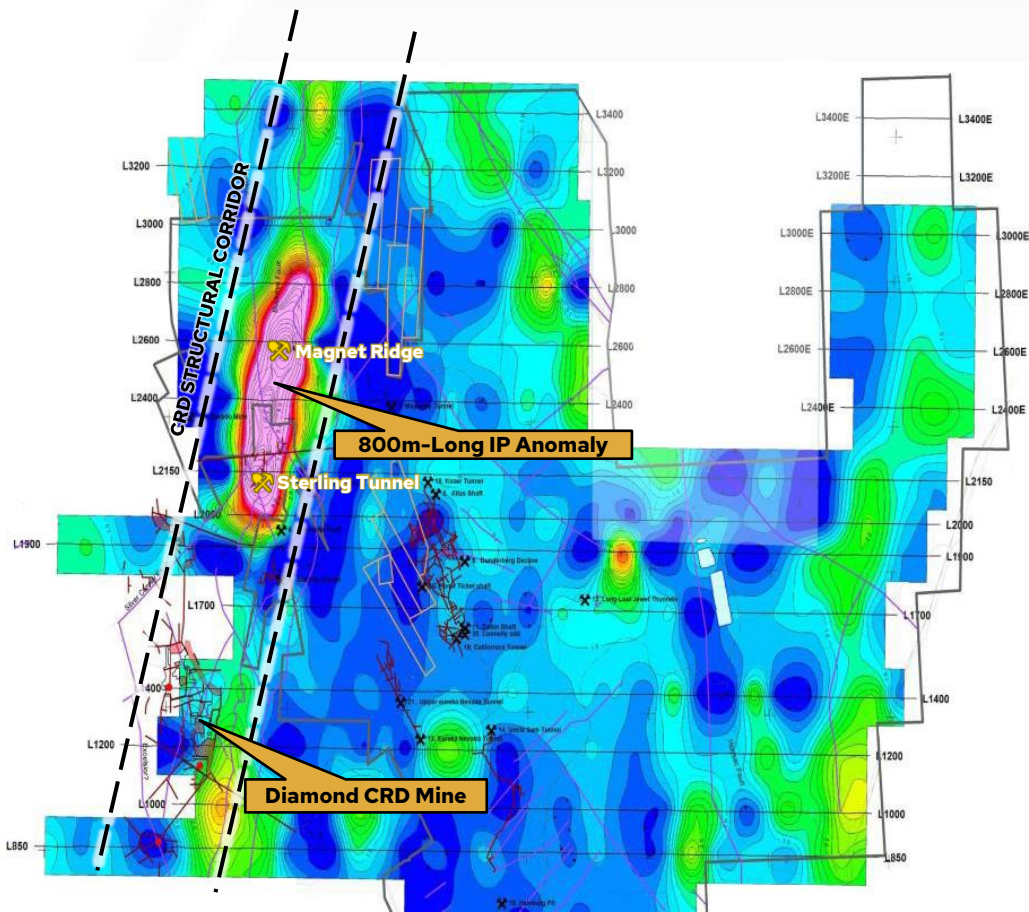
**CRD Deposits are aligned in a north-south trend over 10 km from the Ruby Deeps/Hilltop deposits (to the north on I-80 ground) to the Diamond/Excelsior deposits (to the south on North Peak ground)**

- These are all related to a north-south fault complex & intersecting WNW structures as well as lithologic contacts
- The Magnet Ridge target (black oval) is situated in the heart of the corridor and **comprises an untested 800-metre-long IP anomaly**





# PRIORITY DRILL TARGETS 1 & 2



**800m-Long IP Anomaly is Intimately Associated With the Known North-South Trending Structural Corridor Containing CRD Deposits.**

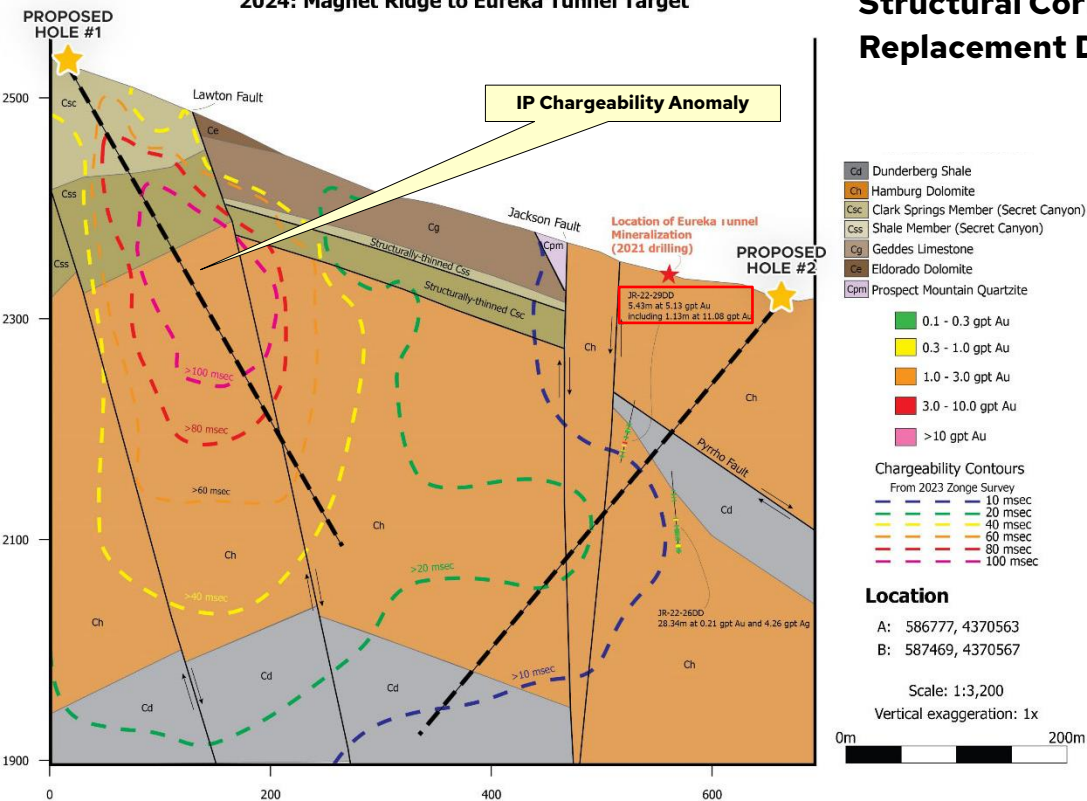
- No historic drilling has tested this anomaly; one historic drill hole drilled off on the fringes of the anomaly intersected 1 g/t Au over 12.2 meters (at very shallow depth)
- The IP anomaly is strongly defined at surface and persists to a minimum depth of 400 metres below surface, where it remains open at depth
- **Highest-priority target for upcoming diamond drilling**

# PRIORITY DRILL TARGETS 1 & 2

## 2024: Magnet Ridge to Eureka Tunnel Target

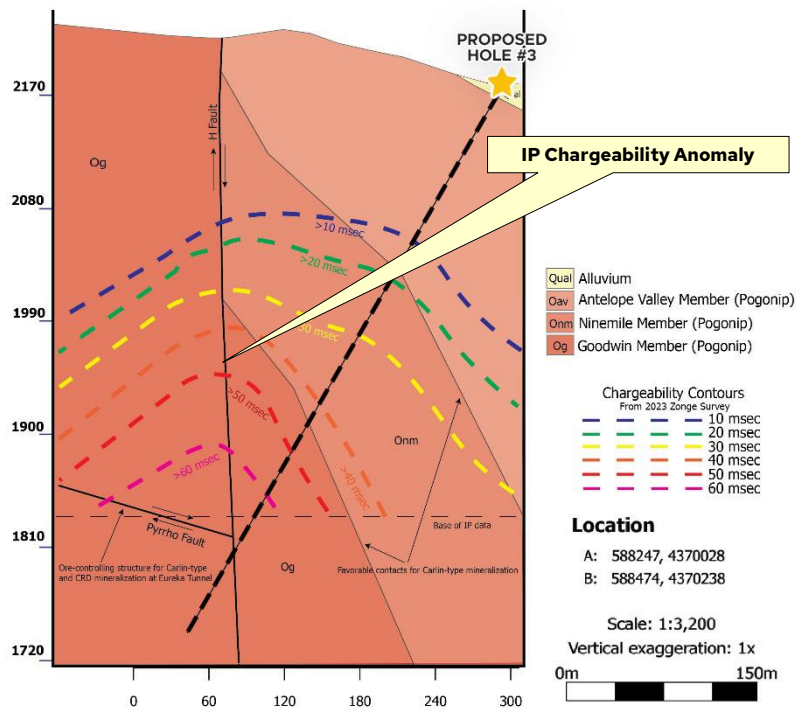
## The 2023 IP Survey Identified Significant Chargeability Anomalies Along a Major Structural Corridor Hosting Carbonate Replacement Deposits in The Eureka District

- A very strong chargeability response (40-100 msec.) is centered on the Lawton Fault within prospective Hamburg Dolomite (Ch) and has not been tested by drilling
- The weaker eastern extent of the chargeability anomaly (10 msec.) is associated with a drill hole returning 5.13 g/t Au over 5.43 metres (JR-22-29DD in red box) near the Jackson Fault



# PRIORITY DRILL TARGET 3

## 2024: Pogonip Chargeability Target



## The 2023 IP Survey Identified a Significant Chargeability Anomaly at the Goodwin Formation (Og) – Nine Mile Formation (Onm) Contact

- The 30-60 msec chargeability anomaly occurs at the same contact that hosts the Carlin-type Archimedes deposit that produced 1.5 million ounces of gold on the i-80 Gold property, immediately to the north of the Jewel Ridge property
- The IP anomaly is also closely associated with the H Fault enhancing the prospects for discovering significant sediment-hosted gold mineralization at this locale
- A proposed drill hole testing the anomaly is marked on the section

# PRIORITY DRILL TARGET 4

## A: JR-20-02

47.24m at 0.50 g/t Au

## C: JR-22-36DD

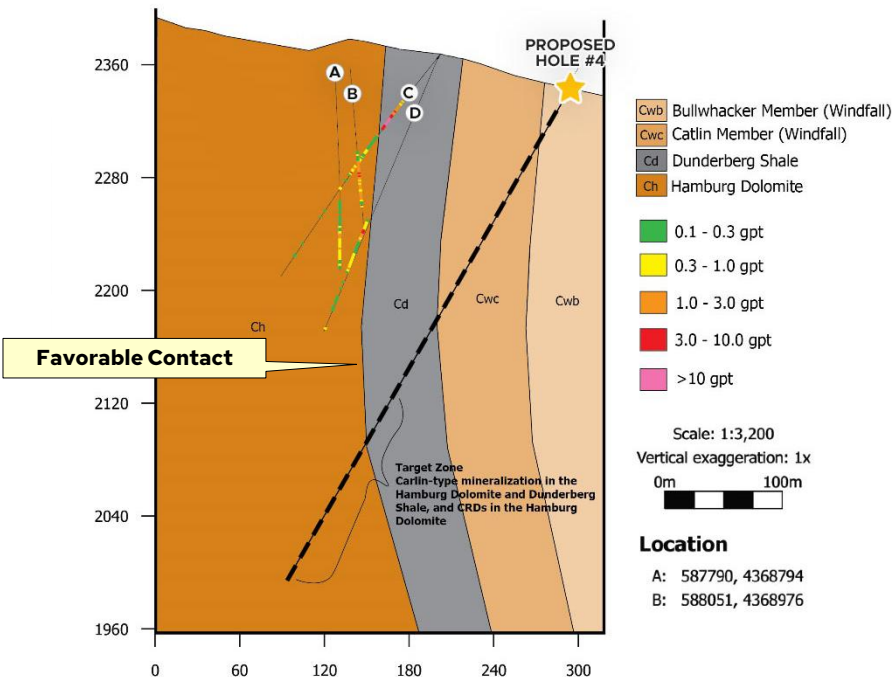
67.57m at 2.37 g/t Au  
Incl. 9.57m at 10.72 g/t Au

## B: HRC-11

53.34m at 1.60 g/t Au  
Incl 19.81m at 2.72 g/t Au

## D: JR-22-41DD

41.15m at 1.05 g/t Au  
Incl. 6.10m at 4.35 g/t Au



## The Hamburg Formation (Ch) – Dunderberg Formation (Cd) Contact is Extremely Favorable For Hosting Both Carlin-Type Gold as Well as Carbonate Replacement Deposits

- Shallow drill holes testing this contact by Golden Lake returned **10.72 g/t Au over 9.57 metres, 4.35 g/t Au over 6.10 metres** and **2.72 g/t Au over 19.81 metres**; all within 150 metres of surface
- A deeper drill hole testing this target, 300 metres below surface is planned for 2024 drilling (marked on section)
- The Hamburg Formation – Dunderberg Formation contact is exposed over a 10 km strike length on the Jewel Ridge property**





Past drilling encountered orpiment and realgar (bright colors in core) indicating a large heat source nearby, **often associated with gold discoveries**. This shale-dolomite contact runs along a north – south corridor throughout the entire Jewel Ridge property.

# GEOPHYSICAL TARGET SUMMARY

- Several quality target areas were defined by the geophysical surveys in combination with legacy drilling and exploration data supplementing them
- Many of the targets defined and supplemented by the geophysical surveys are at significant depth (300M below surface) & beyond the current depths of drilling completed at Jewel Ridge
- **Anticipated 2024 fall drill program**

ITEM	DETAILS	AMOUNT (\$CAD)
Plan of Operations	Reclamation Costs for Upcoming Exploration Programs	\$245,000
Diamond Drilling	2,000 metres @ \$250 / meter (all-in)	\$500,000
Subtotal		\$745,000
Contingency	10%	\$74,500
GRAND TOTAL		\$819,500



# MANAGEMENT & DIRECTORS

## **MICHAEL ENGLAND** **CEO, PRESIDENT & DIRECTOR**

Mr. England has been involved in the public markets since 1983, beginning his career working at the Vancouver Stock Exchange as a floor trader. Since 1995, Mr. England has been directly involved with public companies in various roles, including investor relations, directorships and senior officer positions. To date, Mr. England has been directly responsible for raising in excess of \$60-million for mineral exploration and acquisitions.

## **PETER MAH** **DIRECTOR**

Peter is a mining engineer with 30 years of global mining industry experience. Most recently Mr. Mah served as COO of McEwen Mining Inc. and has a proven track record of building, transitioning and operating mines.

## **JAY SUJIR** **DIRECTOR**

Jay has been a mining and securities lawyer in Vancouver for over 30 years. He is currently a partner at the firm Farris LLP and is a director of several publicly traded natural resource companies.

## **DON HOY** **VP EXPLORATION**

Don Hoy is a Professional Geoscientist in Ontario and brings over 30 years of experience, acting in both technical and senior management capacities, for junior and major mining companies. During his tenure with Freewest Resources Canada Inc., he was a recipient of the Prospectors and Developers Association of Canada 2009 Bill Dennis Award, as 1 of 5 persons credited with the 'Ring of Fire' discoveries in northern Ontario.

## **JOHN HINER** **DIRECTOR**

John has an exploration history of over 45 years with several junior and major mining companies to explore for geothermal energy, precious metals and industrial minerals.

## **JOHN MASTERS** **CFO & CORPORATE SECRETARY**

John has served as Director, CFO and Secretary in numerous public companies primarily in the junior mining industry giving him a diverse knowledge base in the administration field.

# ADVISORY BOARD

## **ROBERT WEICKER** **CHIEF TECHNICAL ADVISOR**

Entrepreneur geologist; Former chief geologist at the largest gold mine in Canada; Extensive international experience.

## **RICHARD REID** **TECHNICAL ADVISOR**

Senior geologist with over 42 years of experience working for major mining companies; Most recent with senior position with Newmont in Elko, NV.

## **THOMAS OBRADOVICH** **TECHNICAL ADVISOR**

Has over 35 years experience; Important role with Aurelian Resources (acquired by Kinross Gold Mines for \$1.2 billion in 2008).

## **ARNIE POLLMER** **TECHNICAL ADVISOR**

Geologist with more than 40 years experience, including specific knowledge and expertise related to the Copperview South property through his role as mine geologist and exploration manager for 5 years with Brenda Mines Ltd.

## **TRAVIS FISHER** **FIELD GEOLOGIST**

Four years of experience on the Jewel Ridge project and has worked on several disseminated gold and intrusive-related deposits in the Great Basin.



# CAPITALIZATION

99,363,847

**SHARES OUTSTANDING**

46,104,701

**WARRANTS**

9,450,000

**OPTIONS**

## WARRANTS

Expiry	Amount	Price
Mar 5, 2025	11,172,701	\$0.25
Apr 26, 2025	509,000	\$0.07
Sep 13, 2025	988,000	\$0.07
Apr 26, 2026	17,600,000	\$0.07
Sep 13, 2027	15,835,000	\$0.07

## OPTIONS

Expiry	Amount	Price
Jan 23, 2025	100,000	\$0.125
Apr 4, 2025	100,000	\$0.12
Jul 30, 2025	700,000	\$0.05
Oct 3, 2026	1,500,000	\$0.07
May 14, 2027	2,850,000	\$0.06
Nov 16, 2027	2,000,000	\$0.08
Sept 27, 2027	1,600,000	\$0.08
Jul 13, 2028	600,000	\$0.10



**GOLDEN LAKE**  
EXPLORATION INC.

CSE GLM OTC GOLXF

## Corporate Office


### **Golden Lake Exploration Inc.**


1240-789 W Pender St.

Vancouver, BC, V6C 1H2


### **Connect With Us**

    @GoldenLakeInc

 1-604-683-3995

 1-888-945-4770

 [info@goldenlakex.com](mailto:info@goldenlakex.com)

 [goldenlakex.com](http://goldenlakex.com)