



**Gold Basin**  
RESOURCES CORPORATION

# At-Surface Oxide Gold Assets in Tier-1 Jurisdictions

May 2024 Corporate Presentation

TSX-V: **GXX** OTCQB: **GXXFF**

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## **QUALIFIED PERSON**

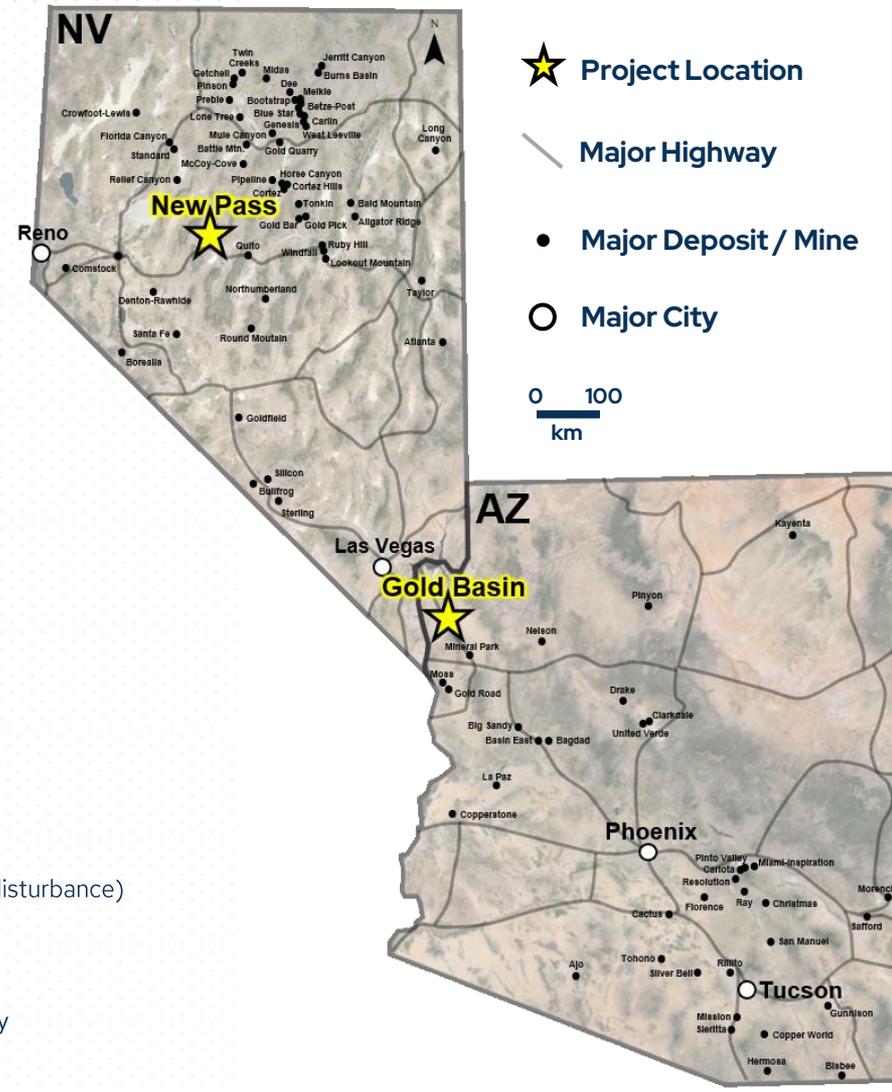
Charles Straw BSc., a qualified person as defined by NI 43-101, has reviewed the scientific and technical information that forms the basis for this news release and has approved the disclosure herein. Mr. Straw is not independent of the Company as he is the President and a director of the Company and holds securities of the Company.

## **FORWARD-LOOKING STATEMENTS**

This presentation contains forward-looking statements and forward-looking information (collectively, "forward-looking statements") within the meaning of applicable Canadian and U.S. securities legislation, including the United States Private Securities Litigation Reform Act of 1995. All statements, other than statements of historical fact, included herein including, without limitation, future assay results from the Phase 1 Drilling Program, future plans for drilling on the Project, the Company's expectation that it will be successful in enacting its business plans, and the anticipated business plans and timing of future activities of the Company, are forward-looking statements. Although the Company believes that such statements are reasonable, it can give no assurance that such expectations will prove to be correct. Forward-looking statements are typically identified by words such as: "believes", "will", "expects", "anticipates", "intends", "estimates", "plans", "may", "should", "potential", "scheduled", or variations of such words and phrases and similar expressions, which, by their nature, refer to future events or results that may, could, would, might or will occur or be taken or achieved. In making the forward-looking statements in this news release, the Company has applied several material assumptions, including without limitation, that there will be investor interest in future financings, market fundamentals will result in sustained precious metals demand and prices, the receipt of any necessary permits, licenses and regulatory approvals in connection with the future exploration and development of the Company's projects in a timely manner, the availability of financing on suitable terms for the exploration and development of the Company's projects and the Company's ability to comply with environmental, health and safety laws. Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this presentation.

# Significant Opportunity

- Two advanced-stage oxide gold assets in tier-1 jurisdictions
- At-surface oxide Au deposits, largely open for expansion
- Intention to move both assets into PEA/PFS this year
- Open pit, heap leach development scenarios
- Excellent metallurgical testworks results to-date
- Excellent access to infrastructure, immediately off major highways
- Favourable permitting environments:
  - Gold Basin → fully permitted to go into production in 1997
  - New Pass → active Plan of Operations (permitting up to 25 acres of exploration disturbance)
- Major catalysts planned for 2024
  - Gold Basin → drilling, maiden NI 43-101 resource estimate, initiate economic study
  - New Pass → drilling, updated NI 43-101 resource estimate



# Depth of Experience & Attractive Capital Structure

## MANAGEMENT

**Colin Smith** MSc. P.Geo.  
CEO

**Charles Straw** P.Geo.  
President

**Mark Lotz** CPA  
CFO & Corporate Secretary

## BOARD OF DIRECTORS

**Michael Povey** C.Eng., M.Sc., A.C.S.M., M.Aus.I.M.M.  
Director

**Charles Straw** P.Geo.  
Director

**Grant Duddle**  
Director

**Anthony Balic** CPA  
Director

## TECHNICAL

**Colin Smith** MSc. P.Geo

**Kevin Rafferty** Sr. Geologist

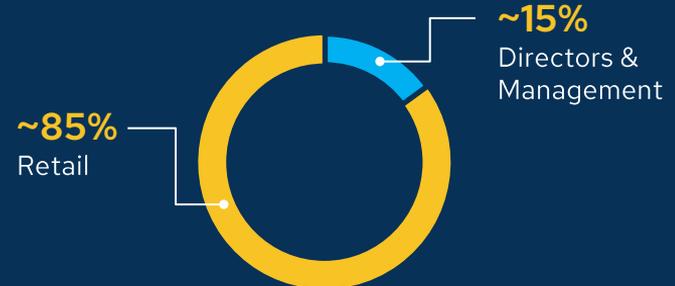
**Cal Herron** P.Geo., Consulting Geologist

**Charles Straw** P.Geo.

## SHARE CAPITAL *(as of May 8, 2024)*

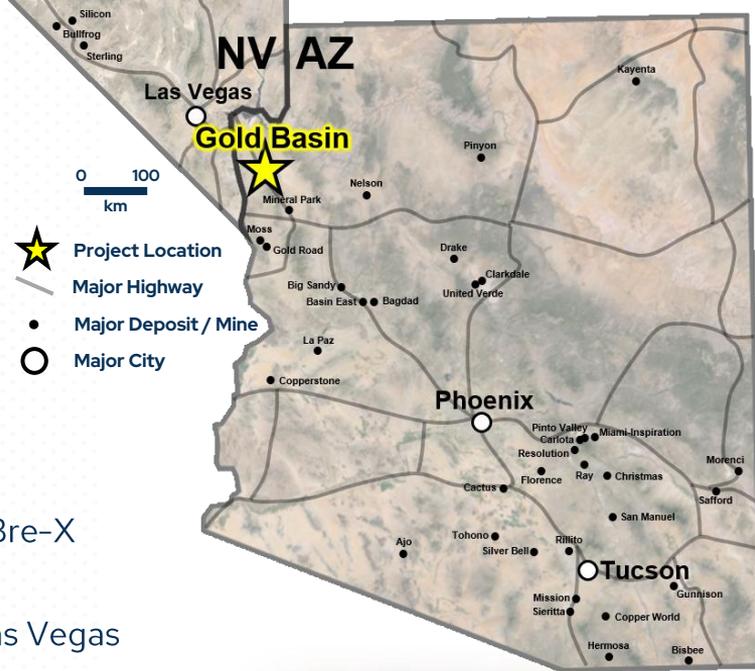
Shares Outstanding	130.1M
Warrants	7.6M
Options	4.7M
Share Price	\$0.08 (\$C)
52W High	\$0.22 (\$C)
52W Low	\$0.065 (\$C)
Market Cap	\$10M (\$C)

## OWNERSHIP

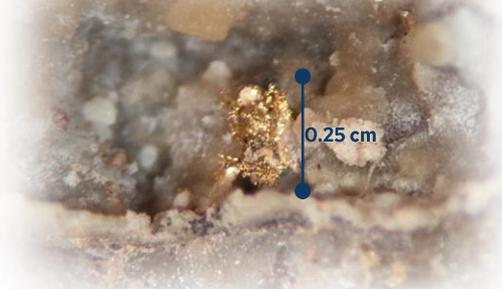


# Gold Basin Project, Arizona

- 100% ownership of 42 km<sup>2</sup> underexplored oxide gold district
- Multiple at-surface, flat-lying oxide gold deposits, largely open
- Open pit, heap leach development scenario, excellent metallurgy
- Fully permitted in 1997 as open-pit, heap leach gold mine, stalled due Bre-X
- Accessible year-round, 1.5-hour-drive on Highway I-93 southeast of Las Vegas
- High-power electrical lines from the Hoover Dam crosscut the Project
- >30 km of gold-bearing structural trend, only ~5% drilled
- Major catalysts for 2024: drilling, maiden NI 43-101 resource, economic study
- Hallmarks of low-CAPEX, low-OPEX, high-margin open pit heap leach gold operation



*Visible Gold Rock Sample*



# Gold Basin Project

## Summary

- Major oxide gold system established across entire position
- 35 greenfield targets, 6 advanced targets (resource candidates)

## DRILL INTERVAL HIGHLIGHTS

### RED CLOUD

- 57.9m @ 1.82 g/t Au from 4.6m (CM23-022)
- 42.7m @ 2.44 g/t Au from surface (CM23-029)
- 53.3m @ 1.37 g/t Au from surface (CM23-018)
- 50.3m @ 1.35 g/t Au from surface (CM23-025)
- 47.2m @ 1.07 g/t Au from surface (CM23-015)

### STEALTH

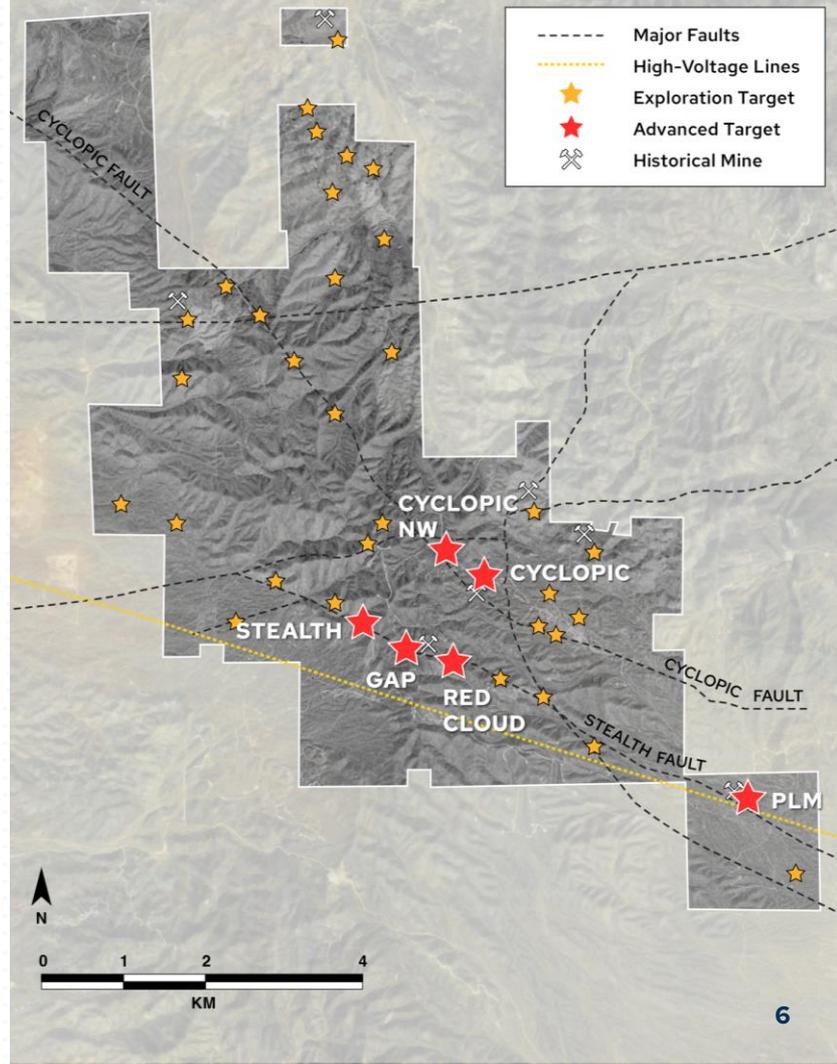
- 115.9m @ 1.0 g/t Au from 22.9m (ST22-009)
- 33.5m @ 2.5 g/t Au from 97.5m (ST22-002)
- 70.1m @ 1.0 g/t Au from 13.7m (ST22-013)

### PLM

- 38.1m @ 2.87 g/t Au from surface (RMGB90-01)
- 24.4m @ 2.22 g/t Au from surface (CM23-002)
- 16.8m @ 6.45 g/t Au from 3.05m (RMBG90-01)

### CYCLOPIC

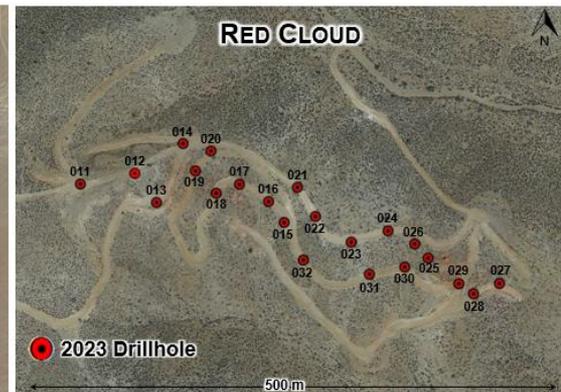
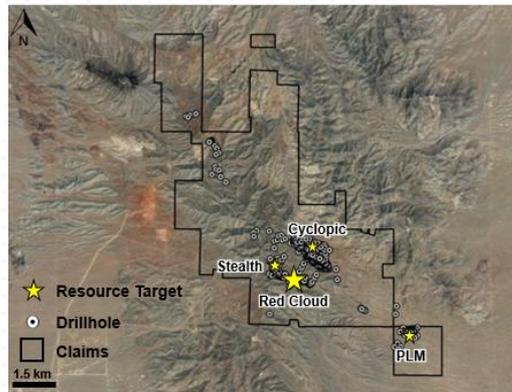
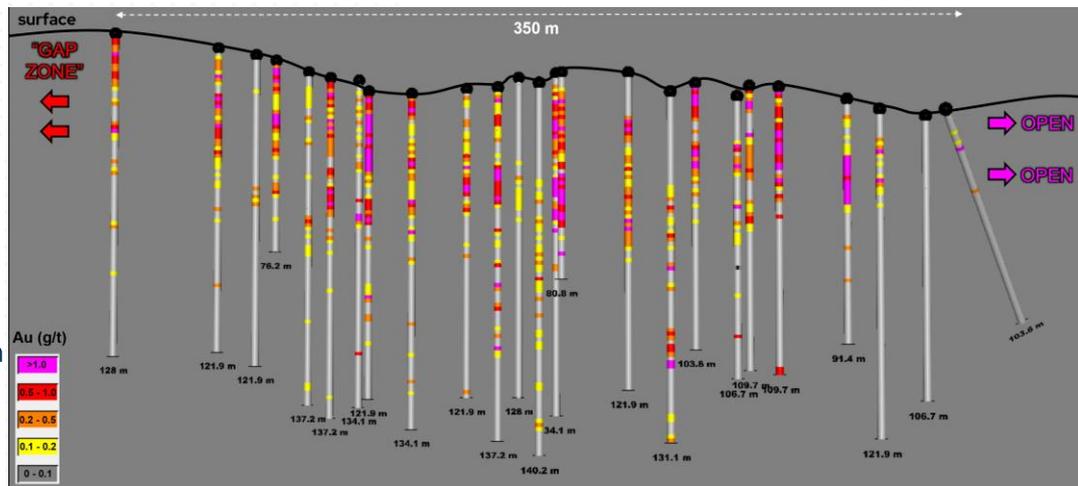
- 6.1m @ 7.9 g/t Au from surface (CM20-55)
- 9.1m @ 3.5 g/t Au from surface (CM20-112)
- 9.1m @ 6.52 g/t Au from surface (CM20-61)



# Gold Basin Project

## 2023 Drilling, Red Cloud Target

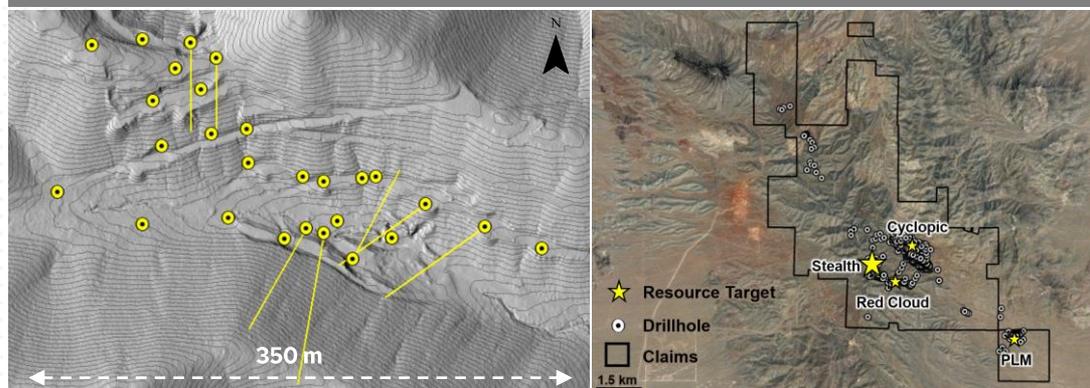
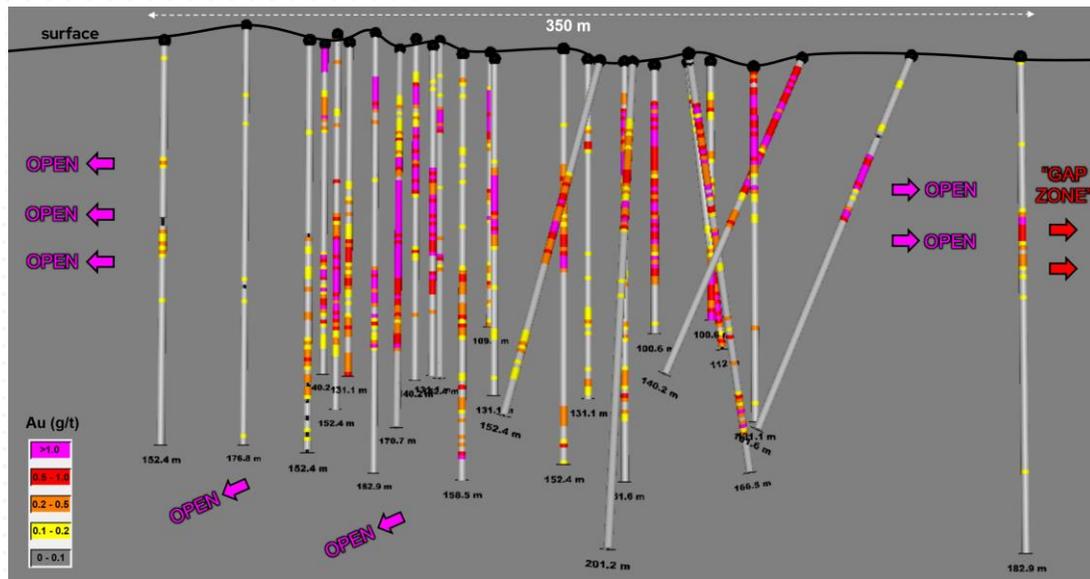
- 57.9m @ 1.82 g/t Au from 4.6m (CM23-022)  
incl. 15.2m @ 4.12 g/t Au from 10.7m
- 42.7m @ 2.44 g/t Au from surface (CM23-029)  
incl. 18.3m @ 5.53 g/t Au and 6.1m @ 11.72 g/t Au from 2.1m
- 53.3m @ 1.37 g/t Au from surface (CM23-018)  
incl. 22.9m @ 2.44 g/t Au from 9.1m
- 50.3m @ 1.35 g/t Au from surface (CM23-025)  
incl. 19.8m @ 2.55 g/t Au from 16.8m
- 47.2m @ 1.07 g/t Au from surface (CM23-015)  
incl. 18.2m @ 1.41 g/t Au from 29.0m
- 24.4m @ 2.22 g/t Au from surface (CM23-002)  
incl. 7.6m @ 4.33 g/t Au from 16.8m
- Remains open along strike and down-dip



# Gold Basin Project

## 2022-2023 Drilling, Stealth Deposit

- 115.9m @ 1.0 g/t Au from 22.9 m (ST22-009)
- 33.5m @ 2.5 g/t Au from 97.5 m (ST22-002)
- 70.1m @ 1.0 g/t Au from 13.7 m (ST22-013)
- 51.8m @ 1.4g/t Au from 13.7 m (ST22-003)
- 47.2m @ 1.0g/t Au from surface (ST22-012)
- 32m @ 1.3 g/t Au from 42.7 m (ST22-017)
- 30.5m @ 1.2g/t Au from 18.3 m (ST22-005)
- 25.9m @ 1.7g/t Au from 13.7vm (ST22-004)
- Remains open along strike and down-dip



# Gold Basin Project

## 2023 Drilling: Gap Zone

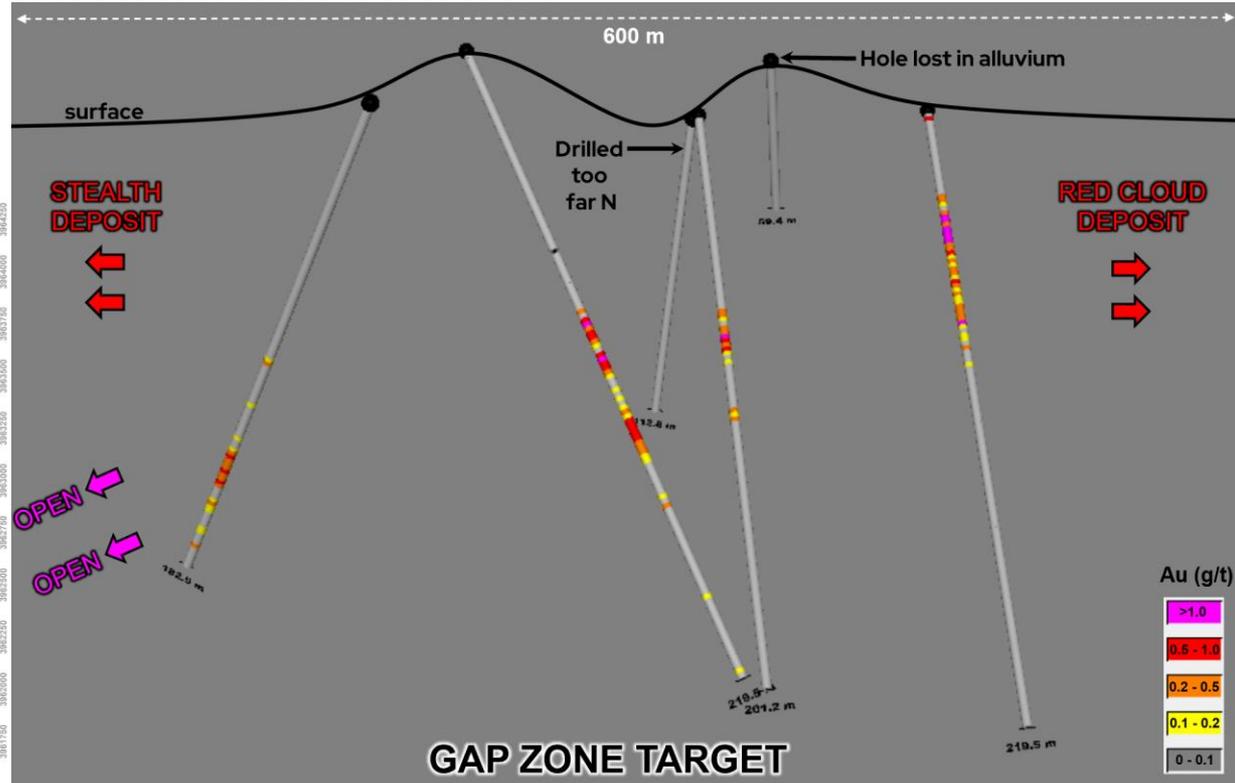
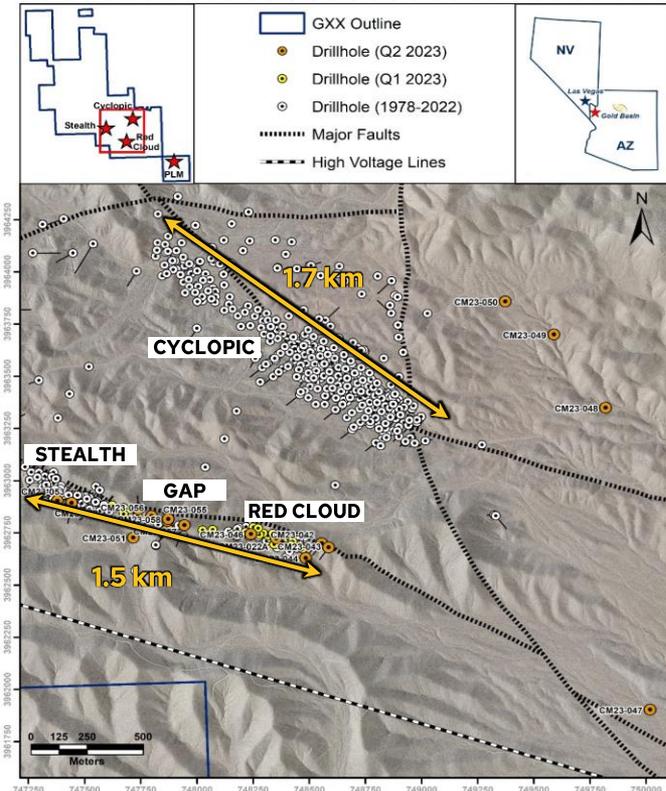
**At-Surface, km-scale oxide Au systems continue to grow:  
Stealth-Gap-Red Cloud (1.5-km-long) + Cyclopic (1.7-km-long)**

### Red Cloud, Stealth separated by 600 m "Gap"

- Sparse historical drilling suggested continuity

### Gap Zone 2023 drilling highlights:

- 60.96m @ 0.46 g/t Au from 32.0m (CM23-057)
- 53.0m @ 0.41 g/t Au from 94.5m (CM23-056)



# Gold Basin Project

## Q2 2024 Drilling Plans

### 3000 meter program planned:

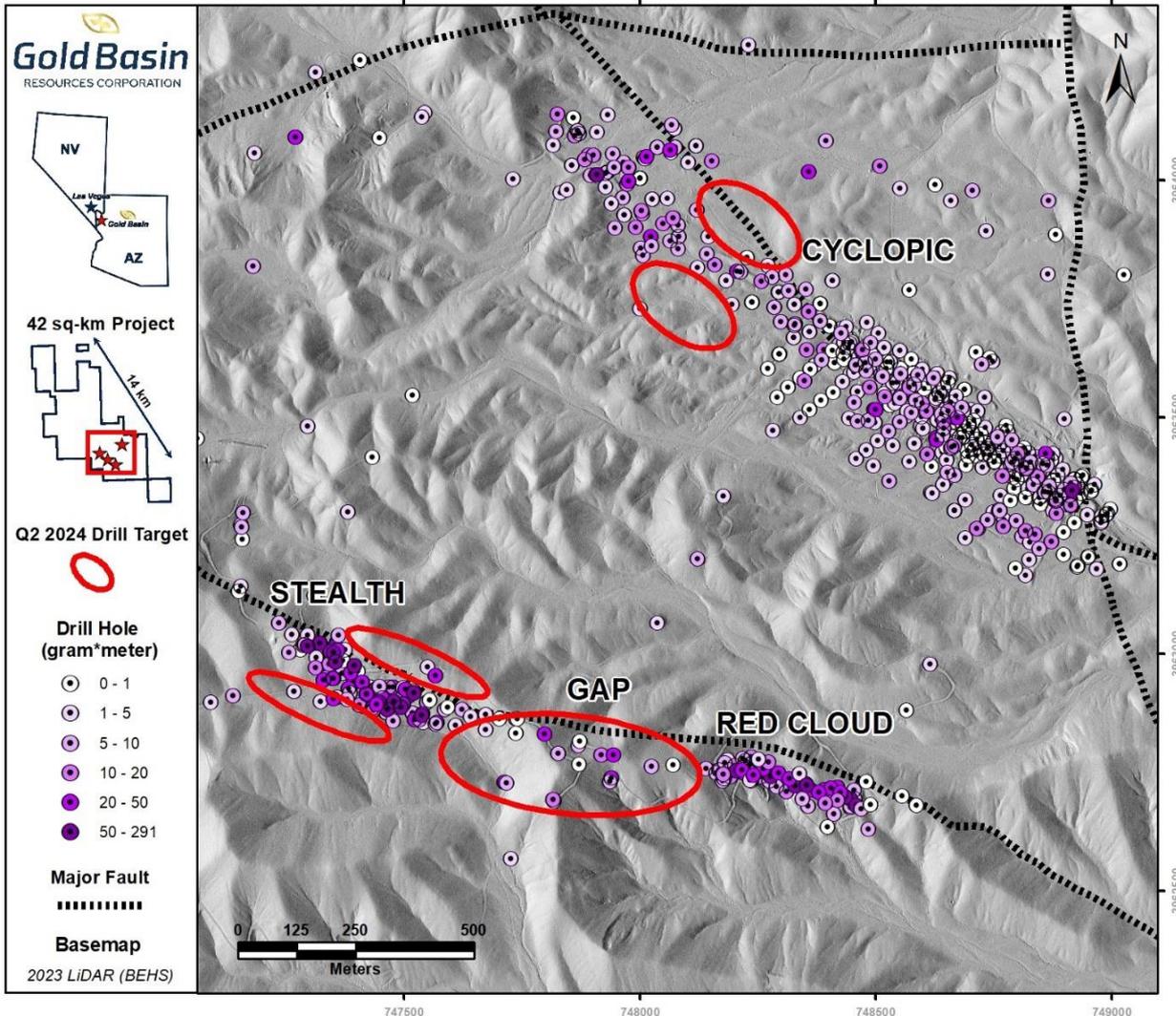
- Resource expansion and delienation
- ~20 drill holes planned

### Scope:

- Stealth OPEN in all directions → expand
- Further drilling at Gap Zone

### At-surface, km-scale oxide deposits continue to grow:

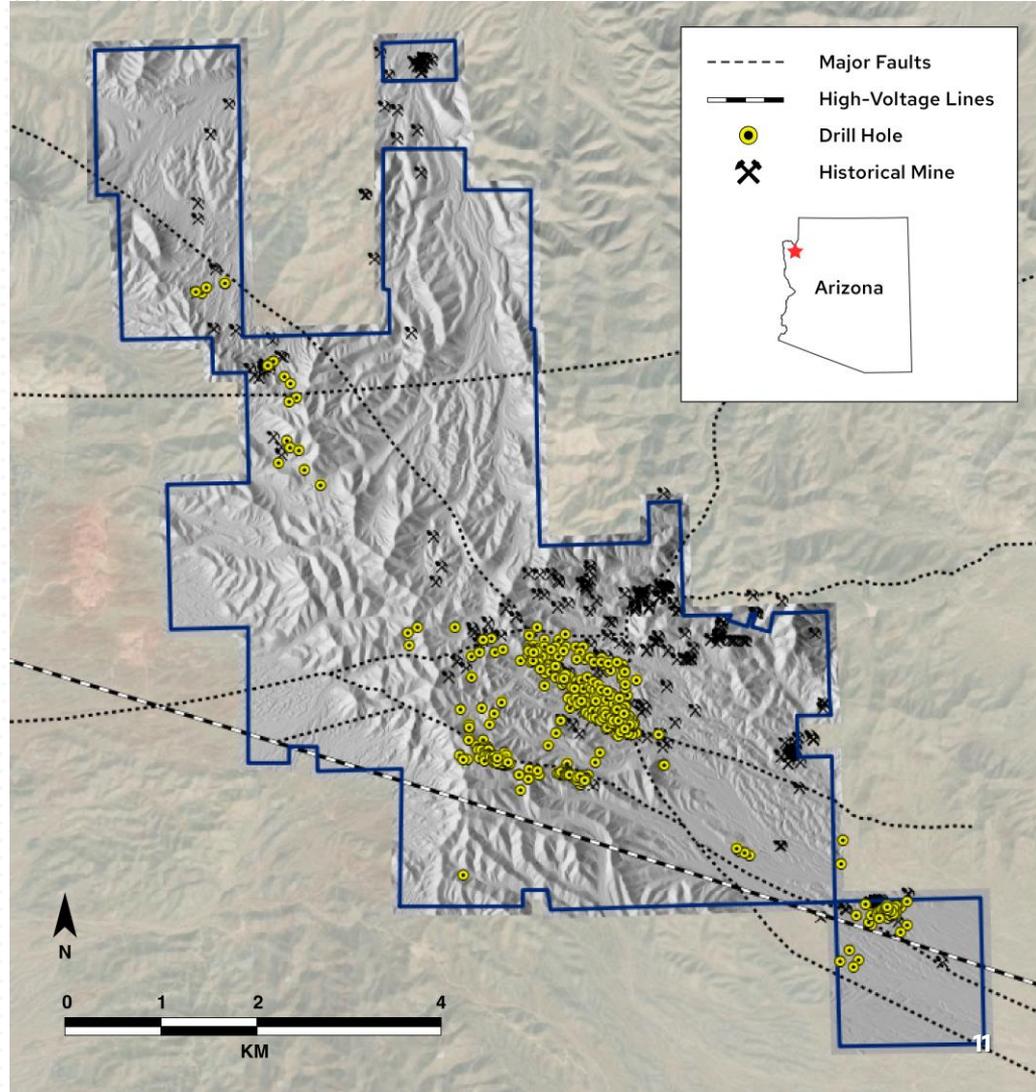
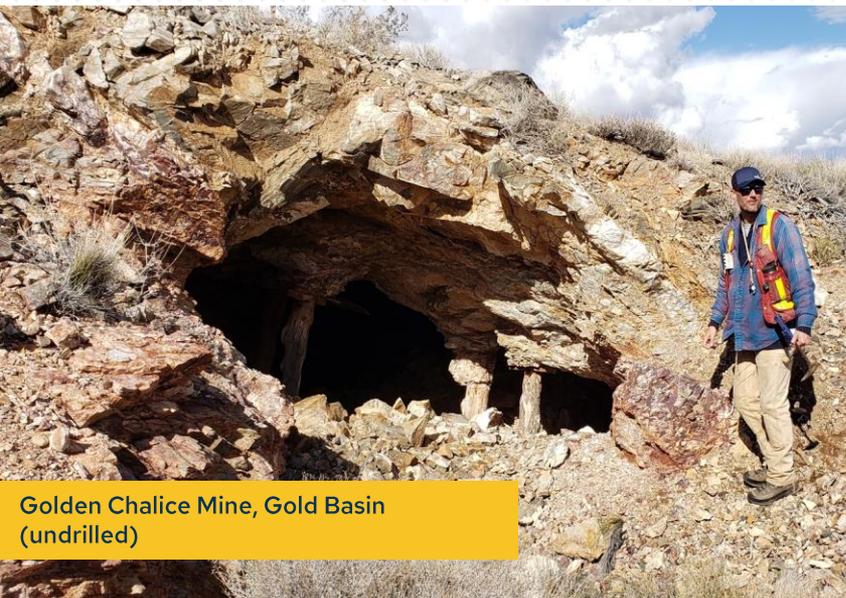
- All for Q4 maiden 2024 NI 43-101 resource



# Gold Basin Project

## District-Scale Exploration Potential

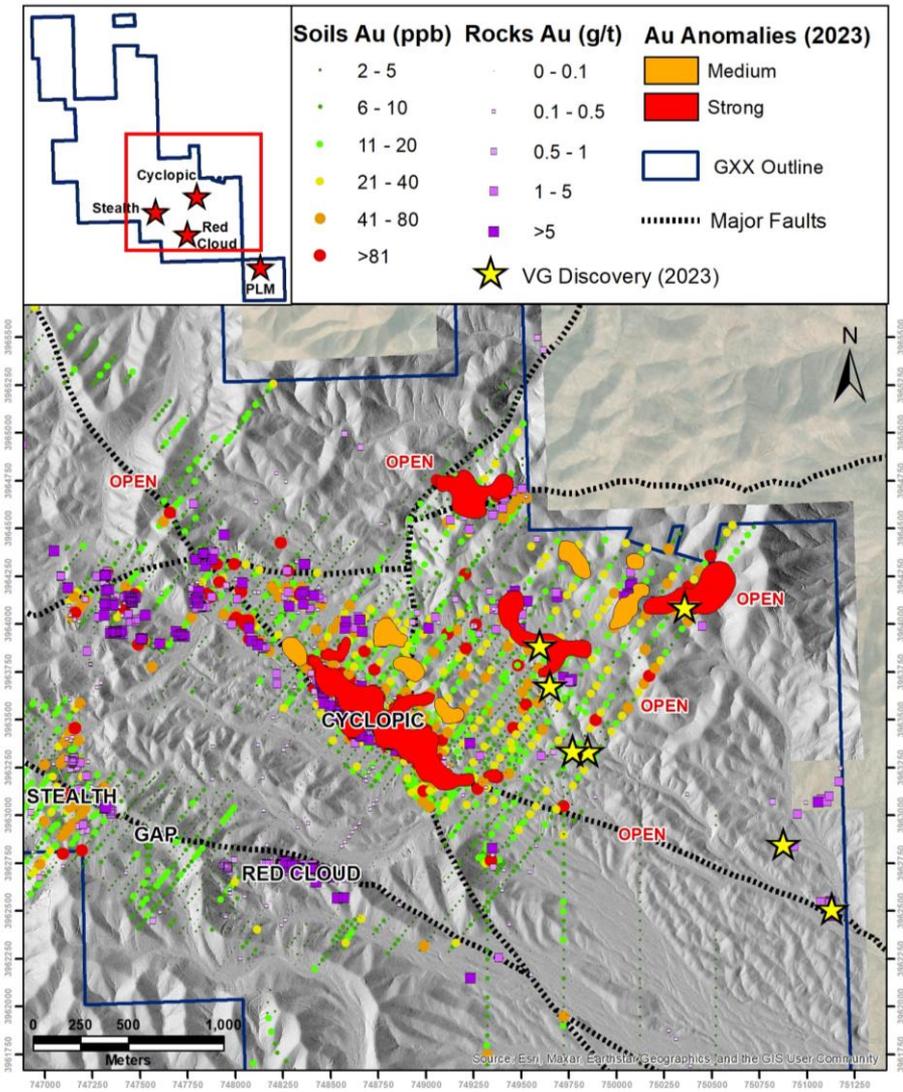
- o >230 historical workings property-wide, identified via 2023 LiDar survey
- o Most workings have **no modern-day exploration and no drilling**



# Gold Basin Project

## 2023 Rocks, Soils and Prospecting Program

- Multiple undrilled gold anomalies over 3+ kilometers of trend
- Major undrilled gold anomalies remain open
- Highlight rocks assays:  
**12.4 g/t, 12.6 g/t, 15.7 g/t, 18.0 g/t, 29.0 g/t, 35.5 g/t**
- Seven new undrilled **visible gold** discoveries

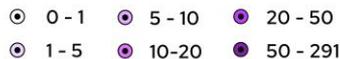


# Gold Basin Project

## Geological Model

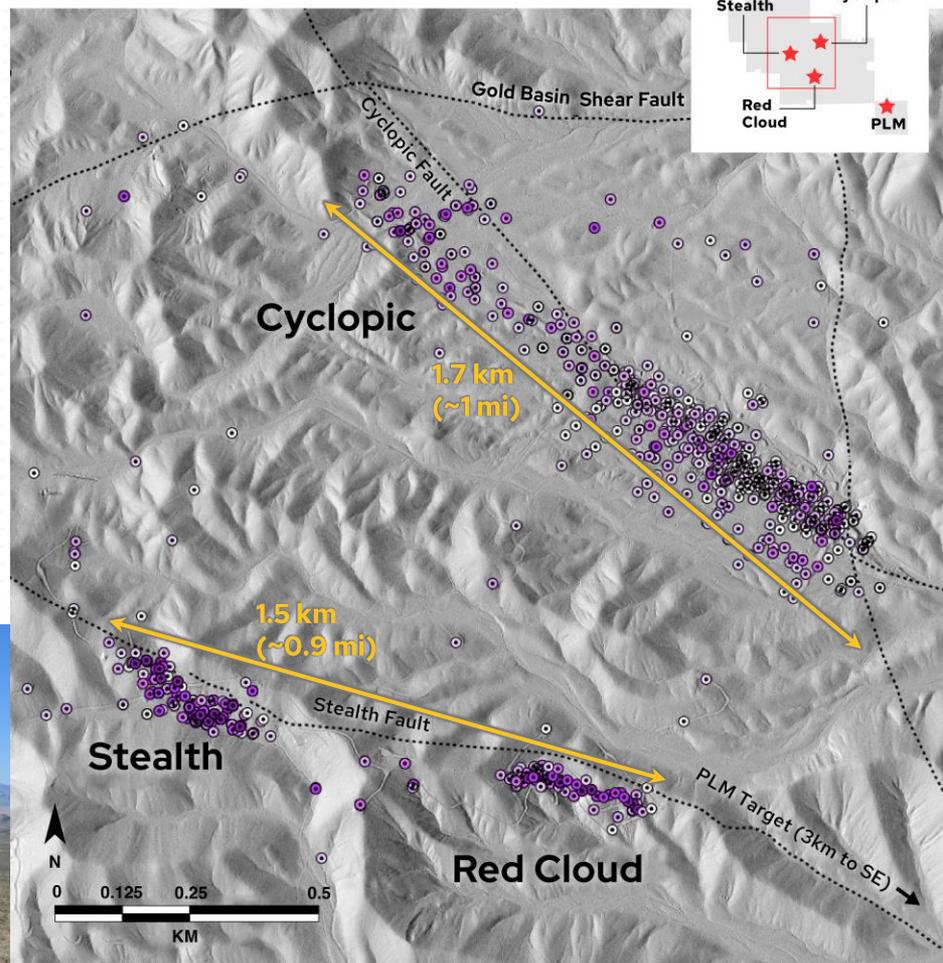
- Horizontal structural control to oxide gold mineralization: **“detachment fault related gold system”**
- Near-horizontal detachment fault planes (~200 m thick) cut the Precambrian gneissic basement
- Younger NW-SE and E-W orientated faults act as “feeders”, cutting through detachment
- Paucity of sulfides present, still in oxide at >200 m
- Flat-lying, at-surface oxide gold deposits

Drill Hole (gram\*metre)



Major Fault

-----



Q1 2023 RC Drill Program, Red Cloud Deposit



# Gold Basin Project

Metallurgy (Kappes, Cassidy & Associates)

Initial bottle roll leach test work resulted in good to excellent gold extractions across the range of head grades and throughout the Cyclopic Deposit

Samples from Cyclopic returned an average of 72% gold and a maximum extraction of 86% gold

Additional column leach metallurgical test work showed gold extractions of up to 80% on Cyclopic diamond core composite samples

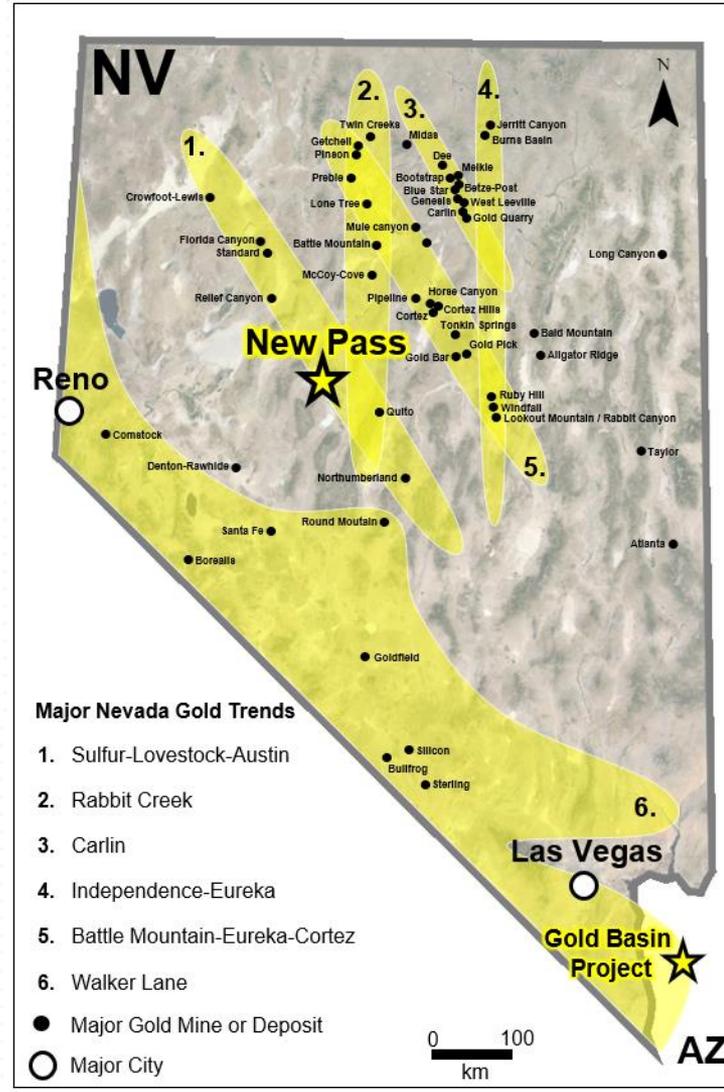
All results indicated Gold Basin mineralization is a rapid leaching material with low preg-robbing characteristics

Additional metallurgy planned for 2024, incorporating Stealth-Gap-Red Cloud

# New Pass Property

## Summary

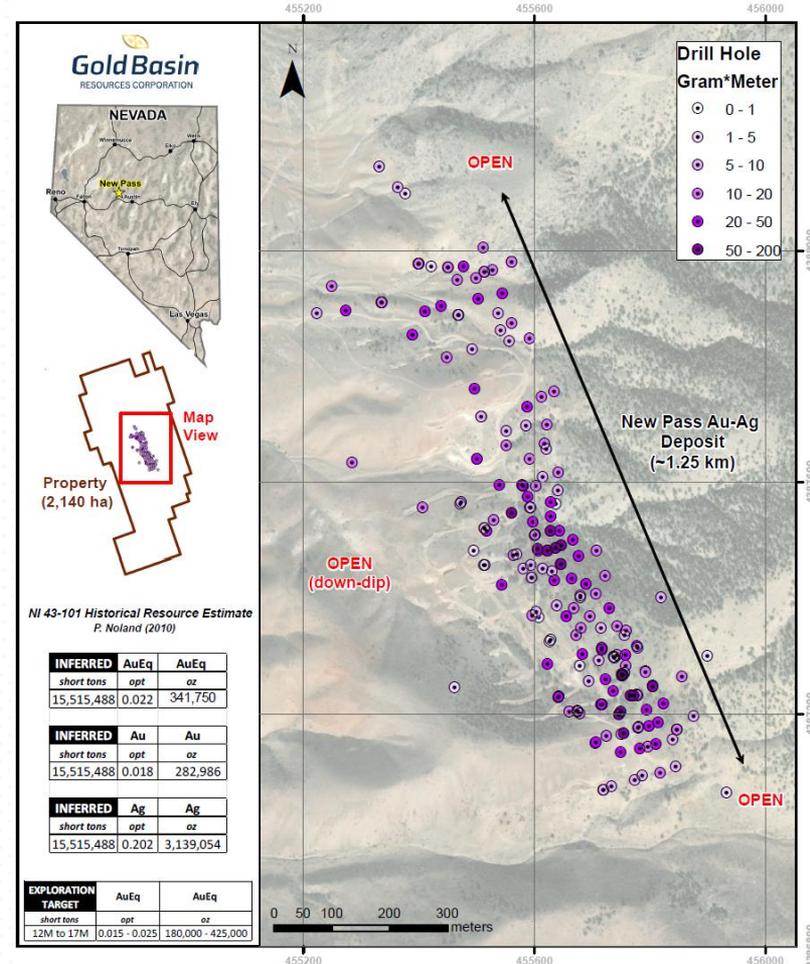
- May 2024 acquisition, 50%-50% JV with McEwan Mining
- Within Nevada's prolific multi-million ounce Sulfur-Lovestock-Austin structural trend, right off Highway US-50E, proximal to strategic infrastructure
- Hosts Carlin-type New Pass Au-Ag deposit → open in all directions
- 2010 NI 43-101 Inferred Mineral Resource of 341,750 oz AuEq and a "Potential Exploration Target" of up to an additional 425,000 oz AuEq
- Open pit, heap leach development scenario – advanced exploration stage
- Highlight historical drill intercepts:
  - 51.82 m @ 3.67 g/t Au from 24.38 m (hole NP-92-1)
  - 32.00 m @ 3.94 g/t Au from 22.86 m (hole NP-28)
  - 42.67 m @ 1.98 g/t Au from 109.73 m (hole NP-54)
  - 47.24 m @ 1.95 g/t Au from 7.62 m (hole NP-88-24)



# New Pass Property

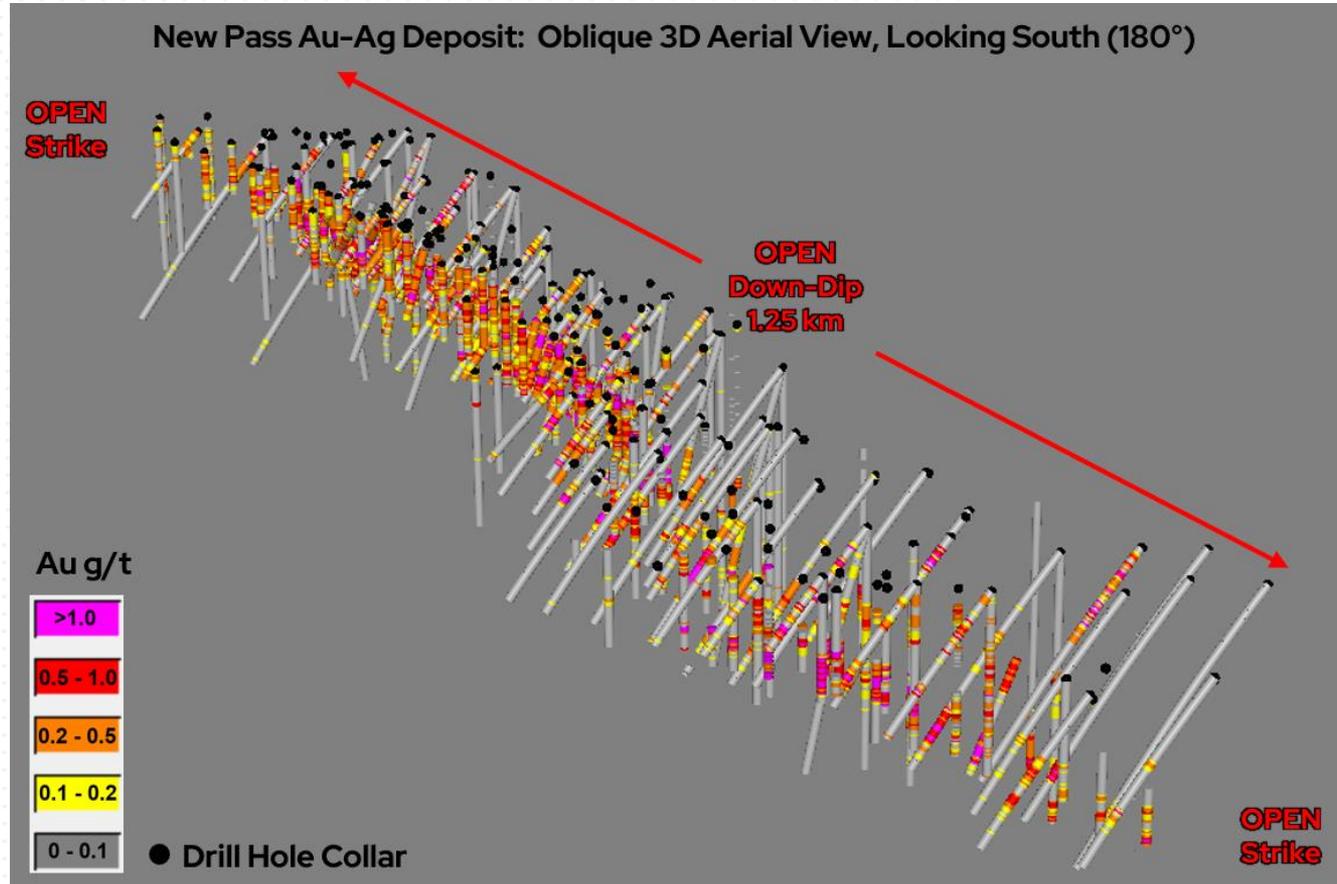
## Carlin-type New Pass Au-Ag Deposit

- NI 43-101 Inferred Resource of 341,750 oz AuEq at a grade of 0.022 opt AuEq (~0.69 grams per metric tonne AuEq) in 15,515,488 short tons (14,075,414 metric tonnes)
- "Potential Exploration Target" of 12-17 million short tons (~11-16 metric tonnes) at 0.015 to 0.025 opt AuEq (~0.51-0.86 g/t Au) totaling up an additional 425,000 oz AuEq
- Outcrops at surface, drilled over 1.25 km of strike with shallow (~30°) dip to the west, suggesting low strip
- Highly expandable → open in all directions
- 75% of the deposit estimated to be oxidized, amenable to heap leaching from previous testwork (75-77% recoveries)
- Prior NI 43-101 resource estimates: 2009, 2010 (reports available by request)



# New Pass Property

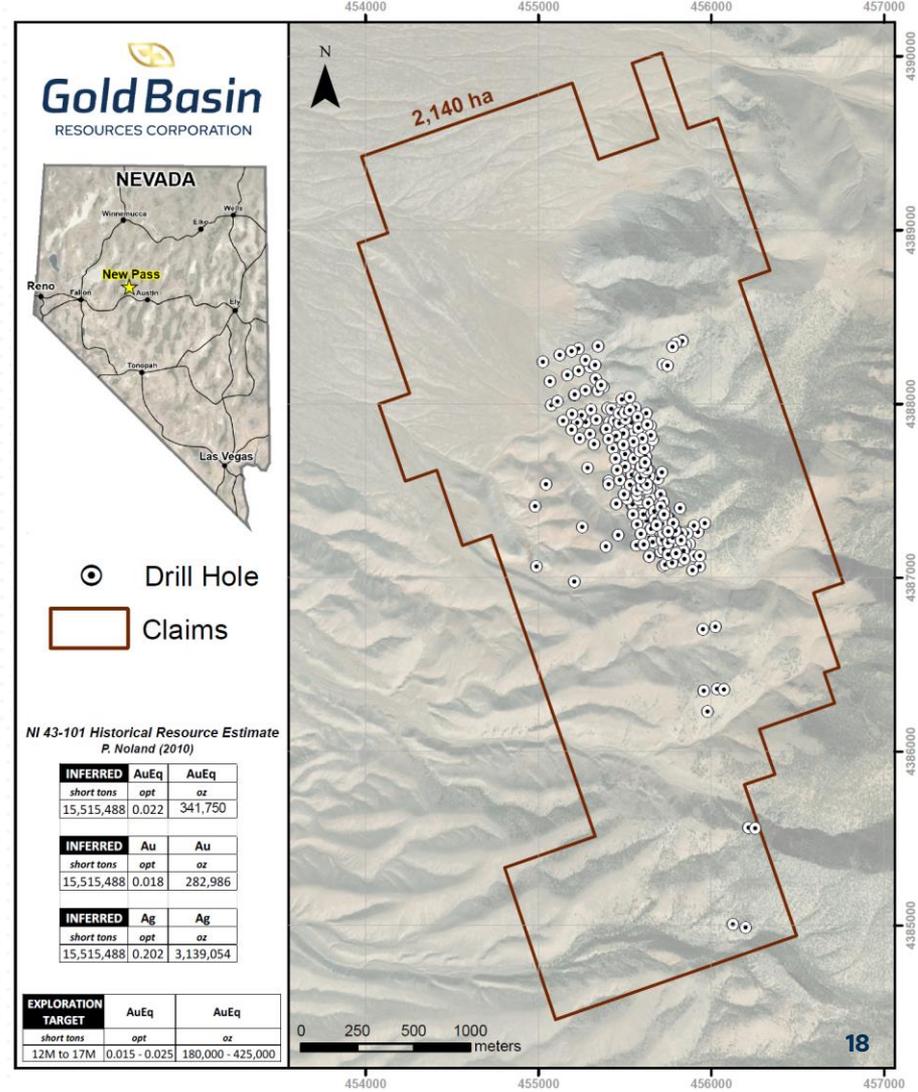
## Carlin-type New Pass Au-Ag Deposit



# New Pass Property

## Summary

- May 2024 acquisition, 50%-50% JV with McEwan Mining
- Located in Nevada's prolific multi-million ounce Sulfur-Lovestock-Austin structural
- Hosts Carlin-type New Pass Au-Ag deposit
- Mineralization is open in all directions, providing an excellent opportunity for resource expansion and conversion
- Deposit outcrops at surface with ~75% estimated as oxidized, amenable to heap leaching 75-77% recoveries
- Active Plan of Operations, permitting up to 25 acres of exploration disturbance



# Gold Basin Resources Corp.

## 2024 Key Drivers

- Q2 2024 resource expansion drilling (~3,000 m)
- Maiden NI 43-101 oxide Au resource to be released in Q4 2024
- Economic study (PEA/PFS) subsequent to resource
- Oxide Au deposits expand with every drill program
- Significant potential for new discoveries
- Development push: metallurgy, water, permitting
- Rapid mine permitting timeline established by peers in Mohave County
- Hallmarks of low-CAPEX, low-OPEX, high-margin open pit heap leach gold operation



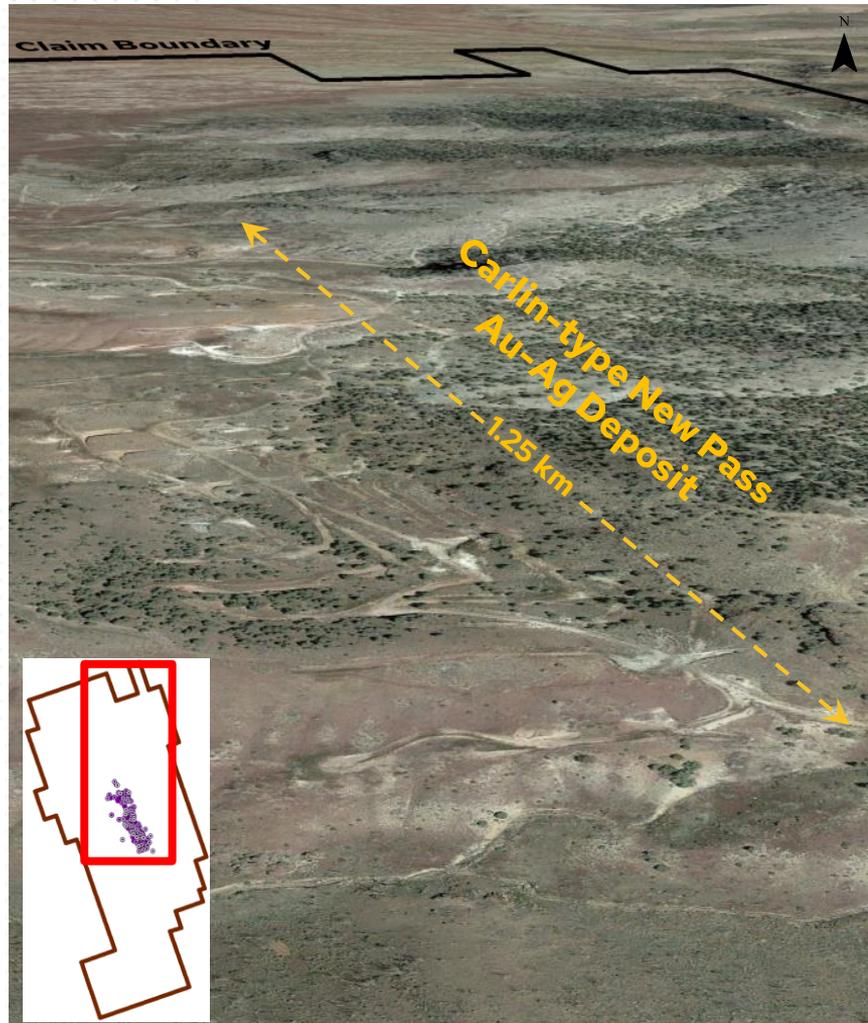
2023 Drill Program, Gold Basin Project, Arizona



# Gold Basin Resources Corp.

## Key Drivers → New Pass Property, Nevada

- Full compilation, synthesis and interpretation of historical data
- Fieldwork (mapping, sampling) property-wide
- Geophysics (CSAMT and drone mag) property-wide
- Q3/Q4 inaugural drill program – resource expansion + delineation
- Possible updated NI 43-101 resource, Q4 2024
- Possible initiation of PEA/PSF subsequent to resource
- Hallmarks of low-CAPEX, low-OPEX, high-margin open pit heap leach gold operation



New Pass Property, showing extensive historical access and drill pads



# Gold Basin

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# APPENDIX

## New Pass Historical NI 43-101 Inferred Resource Estimate (P. Noland, 2010)

<b>INFERRED</b>	<b>AuEq</b>	<b>AuEq</b>	<b>Au</b>	<b>Au</b>	<b>Ag</b>	<b>Ag</b>
<i>short tons</i>	<i>opt</i>	<i>oz</i>	<i>opt</i>	<i>oz</i>	<i>opt</i>	<i>oz</i>
15,515,488	0.022	341,750	0.018	282,986	0.202	3,134,129

1. The Mineral Resource estimate was prepared in accordance with the CIM Standards, and the CIM Guidelines, using geostatistical, plus economic and mining parameters appropriate to the deposit.
2. This estimate is considered to be a "historical estimate" under National Instrument 43-101 - *Standards of Disclosure for Mineral Projects*.
3. Gold Equivalent ("AuEq") is derived from gold value in ounces per ton (opt) combined with the silver value in opt at a 60:1 Au:Ag ratio.
4. The cutoff grade used was 0.01 AuEq opt (equivalent gold expressed in troy ounces per short ton).
5. The isolated intercepts of 5 feet with cutoff grades above 0.01 AuEq opt were ignored unless the combined weighted average grade of that interval and any two adjacent intervals was greater than 0.01 AuEq opt.
6. Where data was missing for alternating intervals that were assayed, the missing data reflects the values of the lower of the two adjacent values.
7. Where multiple adjacent intervals are missing data, each missing interval was assigned a zero value.
8. The Historical Resource was reported with an effective date September 3, 2010. The qualified person for the Historical Resource was Paul D. Noland, CPG.

<b>POTENTIAL EXPLORATION TARGET</b>	<b>AuEq</b>	<b>AuEq</b>
<i>short tons</i>	<i>opt</i>	<i>oz</i>
12,000,000 - 17,000,000	0.015 - 0.025	180,000 - 425,000

1. Consists of the area between the two main inferred resource outlines plus down-dip extensions to the most westerly drill holes and up-dip extensions to the surface.
2. Even though the Inferred Resource remains open-ended, the Potential Exploration Target was not extended beyond the limits of drilling along strike.
3. After determining the surface area of the Target, the average thickness and grade of the Inferred Resource was noted and bracketed as 60 to 70 feet with a potential grade of 0.015 to 0.025 opt AuEq, and a bracketed tonnage of 12 to 17 million short tons.
4. The Target's quantity and grade described is conceptual. There has been insufficient exploration to define a mineral resource.
5. Further drilling is required to determine if the Target can be delineated as a mineral resource.