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Qualified Person: J. Scott Berdahl, P.Geo., Snowline's Chief Executive Officer and a director, is the qualified person under NI 43-101 for the Company. He has reviewed, approved and verified the technical content of this presentation.

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INVESTMENT HIGHLIGHTS

- ✓ TRUE DISTRICT SCALE IN TOP JURISDICTION:

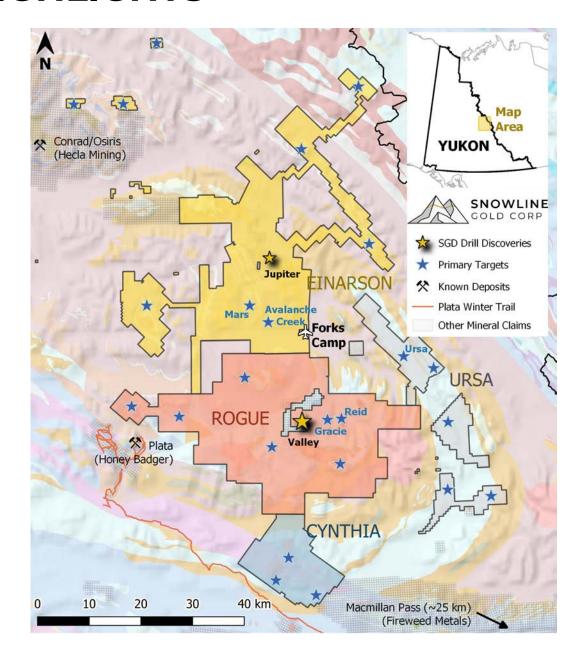
 Prospective >330,000 ha land package with 30+ gold targets across eight projects in underexplored Yukon Territory
- ✓ PROVEN SUCCESS, WITH INDUSTRY-LEADING RESULTS:

Building on **flagship Valley discovery**, a best-in-class reduced-intrusion gold system with strong, consistent gold grades (**up to 2.5 g/t gold over 553m from surface**)

- ✓ STRONG TREASURY & MANAGEMENT TEAM

 >\$46M+ treasury with highly experienced, Yukonfocused management and technical teams
- ✓ COMMITMENT TO COMMUNITY & RESPONSIBLE EXPLORATION

Recipient of the **2023 Robert E. Leckie Award** for Snowline's environmental stewardship efforts





A NEXT-GENERATION EXPLORER







SNOWLINE GOLD IS DRIVEN BY FOUR GUIDING PRINCIPLES:

ENVIRONMENTAL RESPECT

Recognition that the Yukon's wilderness is an invaluable asset with a commitment to responsible exploration

BUILDING COMMUNITY

Working to benefit local communities, First Nations and the Yukon Territory with skills training, economic opportunities and local partnerships

GOING BIG

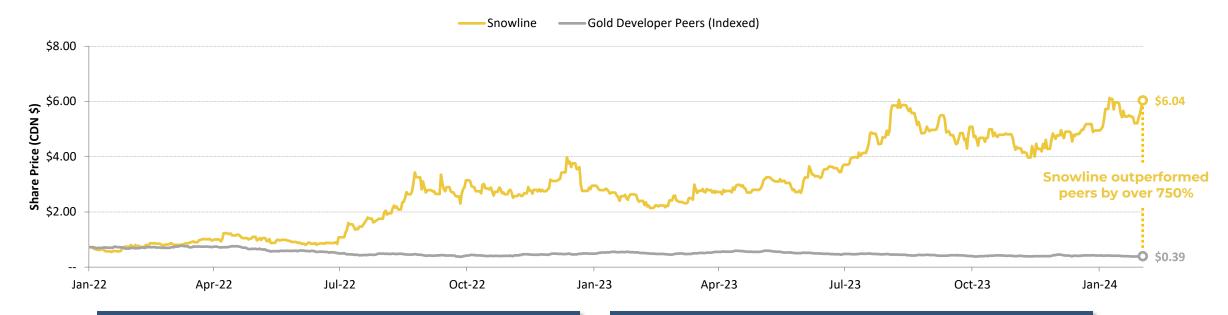
Exploring blue-sky concepts in fertile rocks for gamechanging discoveries and sustainable projects

DOING THINGS RIGHT

A commitment to <u>integrity</u> and exceeding best practices, to safety, scientific rigour and stewardship of shareholder's funds



CREATING SHAREHOLDER VALUE



2022 ACCOMPLISHMENTS

- **Drilled 318.8 m of 2.55 g/t Au from surface** (drill hole V-22-010) among other widely spaced highlight holes
- Established a green energy partnership with Nacho Nyak Dun
 Development Corporation for a 27-kW solar power facility
- Recruited a strong in-house exploration and management team
- Closed a non-brokered \$25.2 M financing, allowing Snowline to ramp up scale and pace of exploration

2023 ACCOMPLISHMENTS

- Drill results consistently show **robust grade, scale and continuity of gold mineralization beginning at or near surface,**with highlight intervals averaging **2.48 g/t Au over 553.8 m** (drill hole V-23-039) and **2.46 g/t Au over 519.6 m** (V-23-061)—both from surface
- Initial metallurgical tests demonstrate **high gold recoveries and non-refractory gold mineralization** at Valley
- Received the **2023 Robert E. Leckie Award for Excellence in Environmental Stewardship** from the Government of Yukon
- Raised a total of C\$35.7M at an average 75% premium to market including a 9.9% strategic investment by B2Gold



CAPITAL STRUCTURE

CAPITAL STRUCTURE

Basic Shares Outstanding	152.1 M
Options (\$0.30 – \$5.38 strike price; \$25.1 M total redemption*)	10.7 M
Warrants (\$2.50 – \$3.50 strike price; \$3.6 M total redemption)	1.4 M
Restricted Share Units	0.1 M
Fully Diluted Shares Outstanding	164.2 M
Share Price (Apr 1, 2024)	\$5.90
Basic Market Capitalization (Apr 1, 2024)	\$897.4 M
Cash (Apr 1, 2024)	\$46.3 M

All figures in Canadian dollars

ANALYST COVERAGE







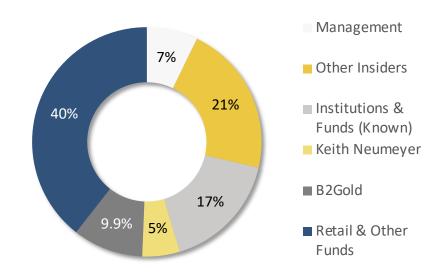








SHAREHOLDER OWNERSHIP





















^{*}A large proportion of stock options have not yet vested



THE TEAM

MANAGEMENT



Scott Berdahl, MSc, MBA, PGeo CEO & Director, Co-Founder



Matthew Roma, CPA



Sergio Gamonal, M.Sc. Chief Geologist



Thomas Branson, MSc, PGeo VP Exploration



Brian Hegarty, MSc, BSc VP Sustainability & External Relations



Stephanie Hansen, BADirector of Marketing & IR



Steve Rennalls, MSc AdminDirector of Operations



Zoë Goodyear, BScDatabase Manager



Andrew Turner Exploration Manager

BOARD (includes CEO)



Craig Hart, PhD, FSEG, FGACIndependent Chair



Sarah Weber, BSc, MBA, PGeo Independent Director

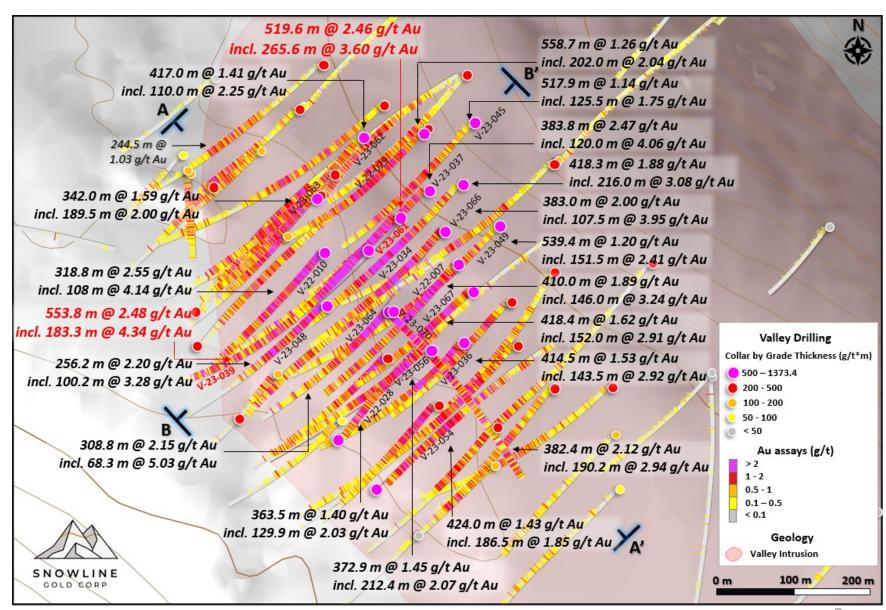


Calum Morrison, CPA, CFAIndependent Director



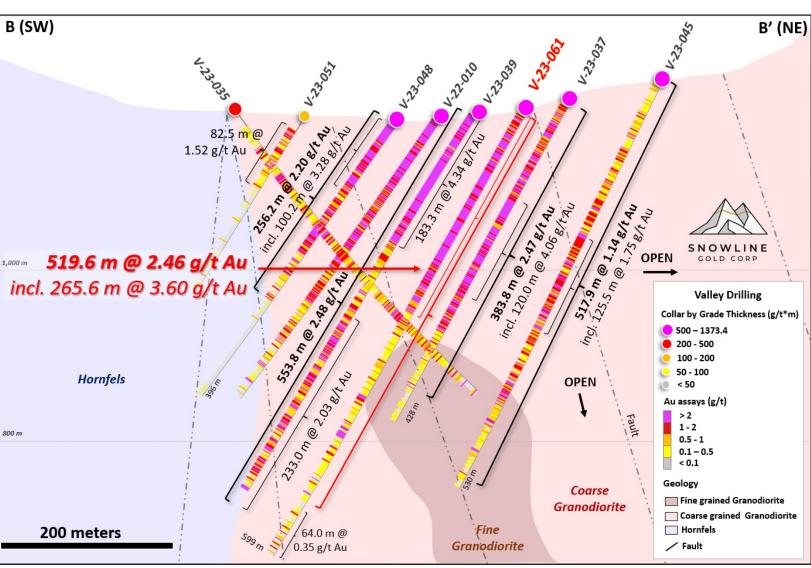
- NEW, AT-SURFACE, BULK TONNAGE DRILL DISCOVERY
 - with large, open 3D volume and strong gold grades ideally situated for efficient extraction
- ROBUST GRADE CONSISTENCY
 Strong continuity within and between holes, with highest grades at surface
- EXCEPTIONAL RESULTS

Unusually high gold grades for deposit model type, with setting, age and style comparable to multi-million-ounce deposits, including Ft Knox (Kinross) and Eagle (Victoria Gold)







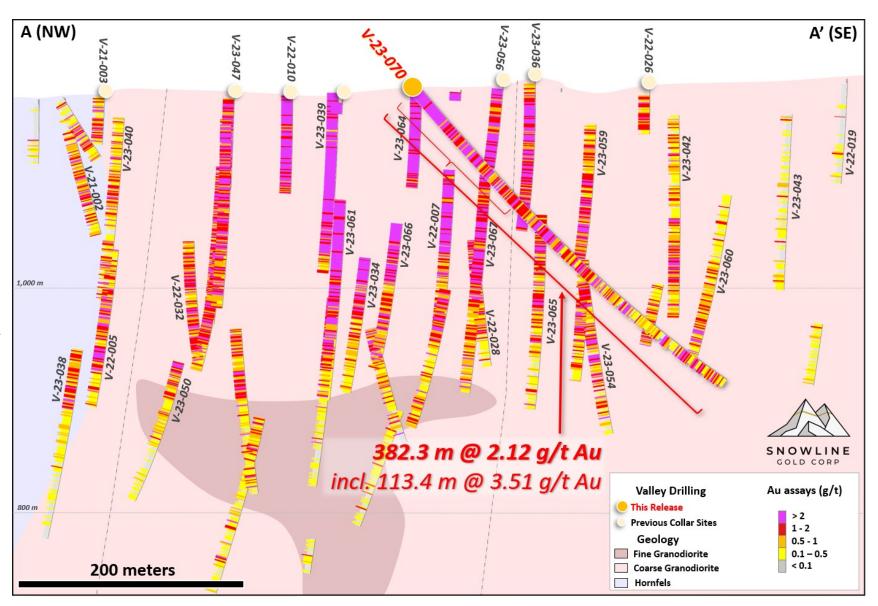




- RECENT RESULTS: V-23-070
 - The entirety of hole V-23-070 is mineralized, with the highest sustained grades closest to surface
- A NEW DIMENSION OF GOLD MINERALIZATION

V-23-070 – First hole to be drilled perpendicular to previous holes, returned **382.4 m averaging 2.12 g/t Au**, including **113.4 m of 3.51 g/t Au from surface**

OPEN IN MULTIPLE DIRECTIONS
 Continuity of strong mineralization extending to the southeast further demonstrates the open nature of >1 g/t mineralization at Valley





INDUSTRY LEADING DRILL RESULTS



Snowline drilled 8 of the top 10 drill holes for potential open pit, bulk tonnage gold projects since 2022 (all from surface), including 6 drill holes from its 2023 exploration program

Source: S&P Capital IQ

Note: Drill holes since 2022 with <400 m ending depth and >100 m interval width by gold developers with >US\$50 M market capitalization.

Note: Depth shown on an approximate basis; interval angle not representative of dip, V-23-061 and V-23-039 results truncated at 400 m vertical depth.



FAVOURABLE INITIAL METALLURGY

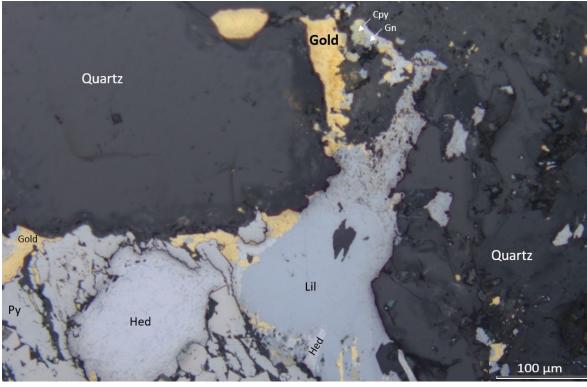
with average gold recoveries between **94.1%** (bottle roll) and **95.7%** (carbon-in-leach) on 75 µm grind (48 hrs)

CLEAN MINERALIZATION

with strong natural buffering, low sulphur, low levels of deleterious elements

ADVANCED METALLURGICAL TESTING UNDERWAY

Large diameter **85 mm PQ drill hole** in progress.
Results pending



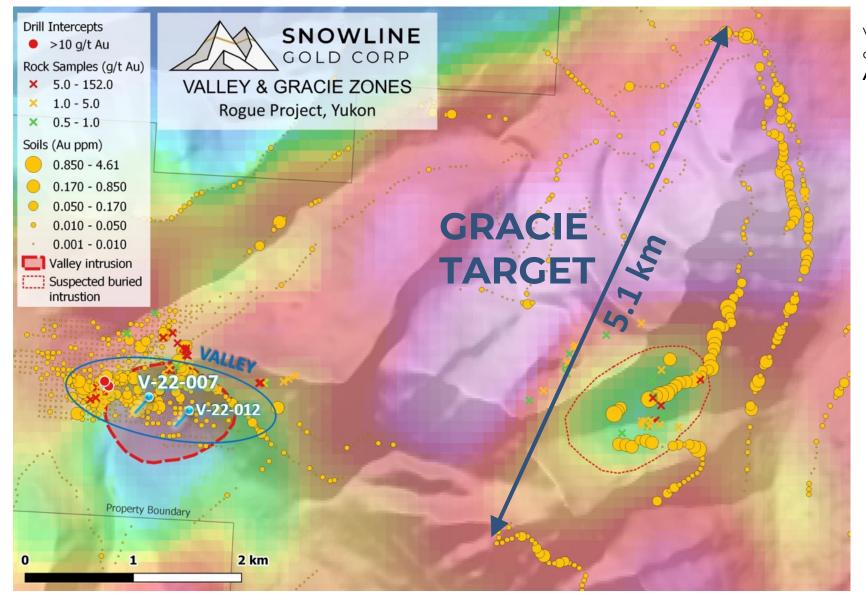
Predominantly native gold often along grain boundaries makes for versatile metallurgy and high recoveries through various conventional processing methods. Low sulfur content, natural buffering and low levels of various deleterious elements at Valley make for viable permitting, reclamation and closure. Py=Pyrite, Cpy=Chalcopyrite, Gn=Galena, Hed=Hedleyite, Lil=Lillianite.



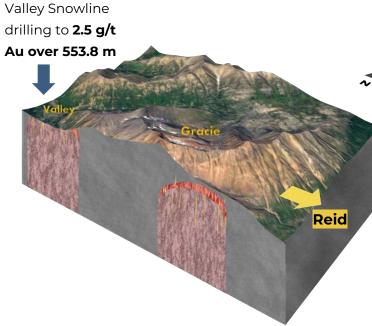
Hole V-23-061 returned **519.6 m averaging 2.46 g/t Au,** including **3.60 g/t Au over 265.6 m** from surface



ROGUE PROJECT - GRACIE TARGET



Soil geochemistry over regional ZTEM conductivity data

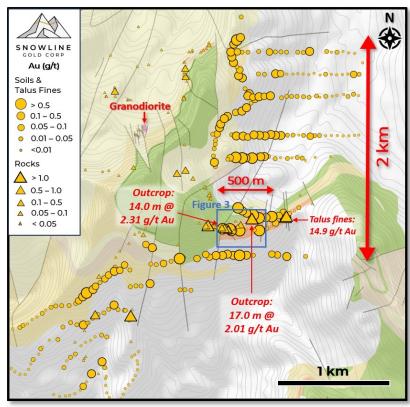


- GRACIE:
 - Kilometers-scale gold-in-soil/talus fines anomaly above **intact intrusion**
- 43 talus fine samples from a 1,600 x 800 m central area average 0.49 g/t Au, with 8 samples >1 g/t Au
- Visible gold and localized high grades observed in multiple drill holes



TRUE DISTRICT SCALE

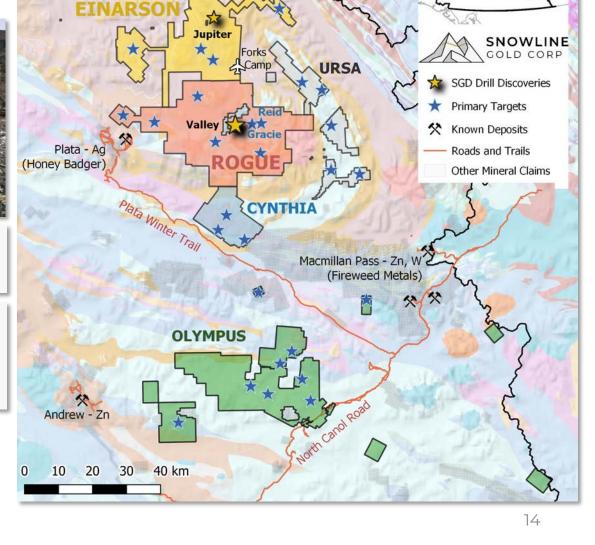
>330,000 HECTARE LAND PACKAGE AND 30+ PRIMARY TARGETS





Einarson Project – Avalanche Creek Target: 1 km float train to 34.2 g/t Au

Einarson Project – Mars Target: 4 km anomaly, historical (2012) trench 7.1 g/t Au over 5.0 m



Map Area

YUKON

Conrad/Osiris - Au
(Hecla Mining)

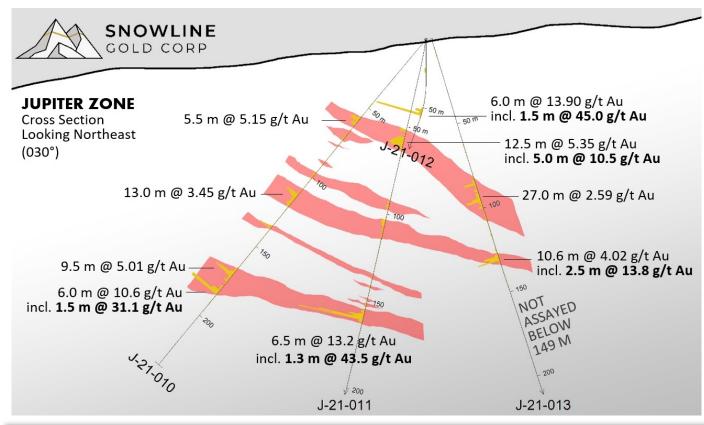
Rogue Project – Aurelius Target:

Newly discovered (2023) 2,000 by 500 m anomaly with trench 2.01 g/t Au over 17.0 m



EINARSON PROJECT - JUPITER DISCOVERY

- EPIZONAL OROGENIC GOLD system a novel discovery for this region
- WIDESPREAD MINERALIZATION to 13.9 g/t Au over 6.0 m (including 45.0 g/t Au over 1.5 m) encountered in firstever drill testing at Jupiter
- MULTIPLE HIGH-GRADE INTERCEPTS
 along individual drill holes. Gold found
 in quartz carbonate veins and
 disseminated through large zones of
 altered wall rock
- BLIND TARGET all holes somewhat random tests of system
- POTENTIAL ANALOGUES include Agnico's Fosterville Gold Mine and New Found Gold's Queensway discoveries







LOOKING AHEAD - 2024 EXPLORATION



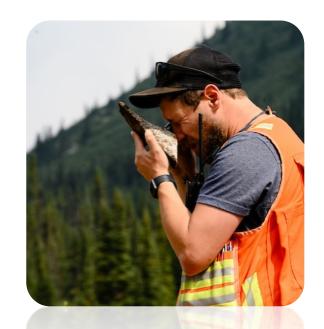
VALLEY DISCOVERY

- Valley Phase IV drilling towards resource definition and expansion of the still-open system
- Focus on advanced permitting and economic evaluation to progress towards production decision



ROGUE DRILLING

- Phase II drilling of multiple regional targets, following up on promising results from 2023
- Phase I drilling of additional RIRGS targets in within the Rogue Plutonic Complex



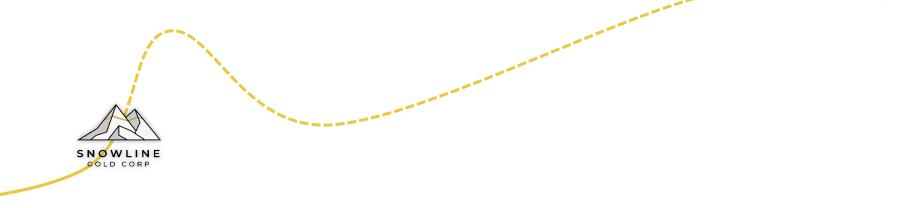
REGIONAL GREENFIELDS EXPLORATION

e Extensive geochemical, geological and geophysical vectoring towards and advancement of mineralized intrusions thought to be siblings to Valley



THE ROAD AHEAD

Snowline is **well-financed** and poised at the **steepest value-add** phase (discovery) of the "Lassonde curve" – with **potential to stack curves through multiple discoveries**



NEAR-TERM CATALYSTS INCLUDE:

- Regional surface results from 2023, and 2024 Exploration Program Plans
- o Advanced metallurgical testing from large diameter 85 mm PQ drill hole
- Ongoing district consolidation



FROM DECADES OF DISCOVERY

- YUKON-BASED FATHER-SON
 PROSPECTING TEAM Snowline's portfolio spun out from private,
 Yukon-based, family-owned prospecting company
- DECADES SPENT IN THE YUKON'S SELWYN BASIN Over 30 years' exploration in the Yukon, pursuing new ideas in prospective geology
- >1% OF THE YUKON'S SURFACE
 AREA previously staked and
 optioned, generating large datasets,
 new discoveries and fresh ideas





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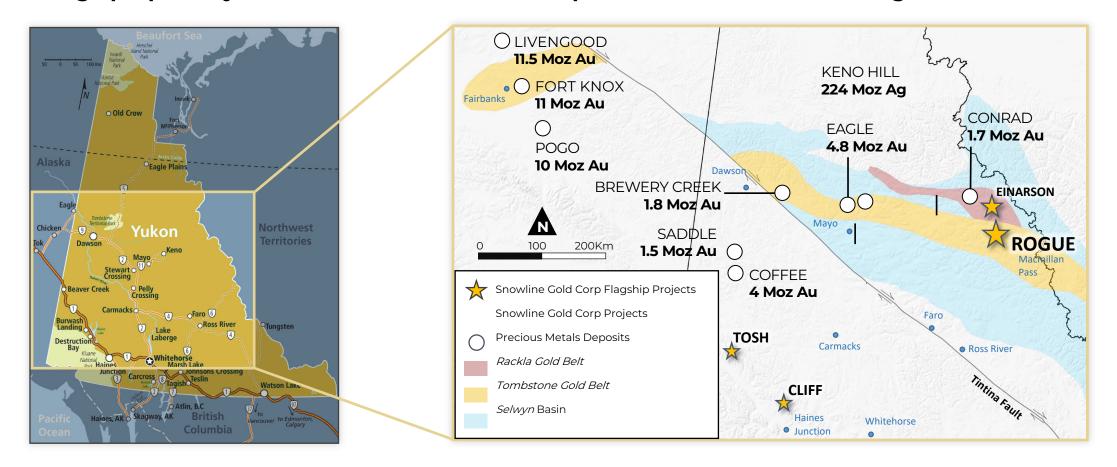




A NEW LIGHT ON THE YUKON

APPENDIX

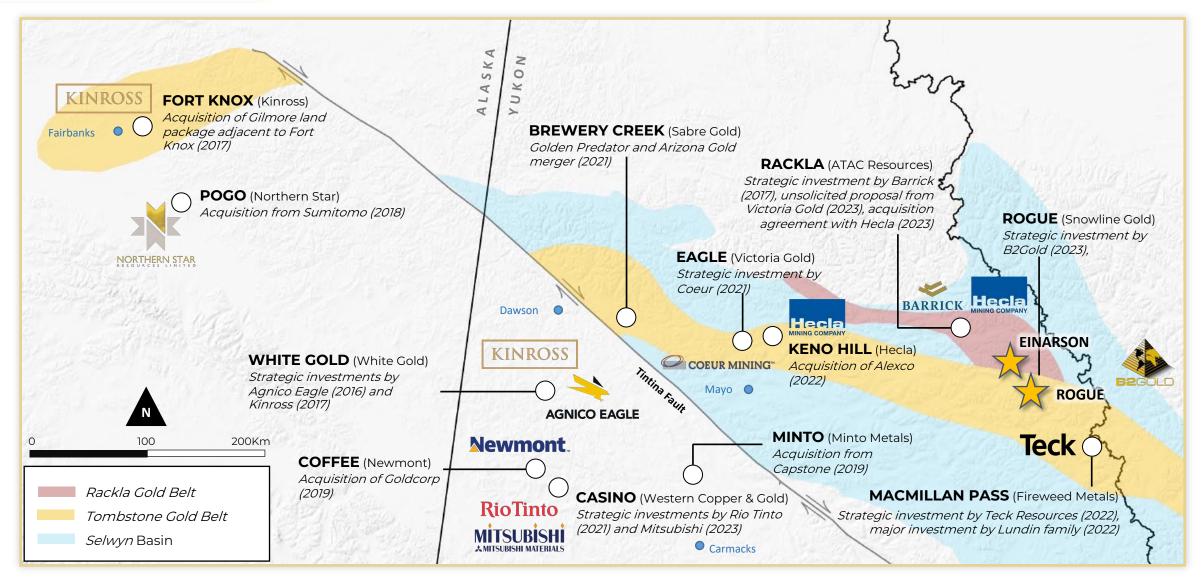
- Snowline's flagship, district-scale gold projects occupy the intersection of two prolific mineral belts
- Rapid growth, with potential Tier 1 gold discovery made on Rogue Project in company's first season
- Large proprietary dataset with first-mover land position in Canada's newest gold district





APPENDIX

INCREASING INVESTMENT IN THE REGION





APPENDIX

COMMITTED TO LAND & PEOPLE



Photo courtesy of Yukon Seed & Restoration



Photo courtesy of Ensero Solutions



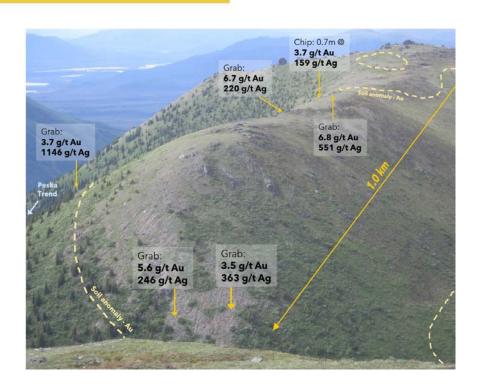
Mayo, Yukon, Career Fair



Photos courtesy of Yukon Seed & Restoration

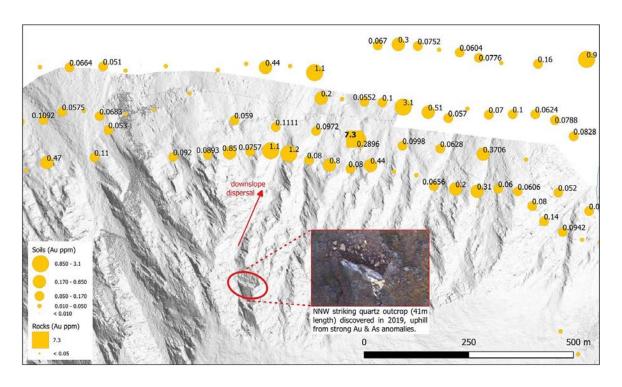


APPENDIX OTHER GOLD ASSETS: TOSH & CLIFF



TOSH

- LOCATION: Hosted in same stratigraphy, similar structural setting & spatial relationship to evolved intrusive units as Coffee deposit (Newmont Goldcorp, 4 Moz Au*) 115 km north
- MINERALIZED ROCK SAMPLES up to 6.8 g/t gold and up to 1,146 g/t silver over 15 km area



CLIFF

- ANALOGUE: Property geology analogous to the **Juneau**Gold belt which hosts 7,000,000 oz Au of historical production
- GEOCHEMICAL SAMPLING: identified 1.6km x 300m soil and talus fine anomaly grading to 3.1 g/t Au



OTHER GOLD ASSETS: URSA

GOLD TARGET:

- **9-kilometer trend** of elevated gold in heavily folded carbonaceous black shales and cherts.
- Geological setting similar to Russia's
 Sukhoi Log deposit (67 Moz Au at 1.9 g/t*)

SILVER AND BASE METAL TARGET:

- 14-kilometer trend of highly anomalous zinc, silver, copper, molybdenum, nickel and vanadium
- 2.7-kilometer subsection has a median soil concentration of 14.8 g/t (0.43 oz/ton) silver.



Dr. Craig Hart, Snowline Chair

