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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

√ FOUNDATION OF A DEVELOPER

Rapidly advancing our **flagship Valley discovery**, a best-in-class reduced-intrusion gold system with an initial pit-shell constrained resource **4.05 Moz Au indicated at 1.66 g/t and an additional 3.26 Moz Au inferred at 1.25 g/t**

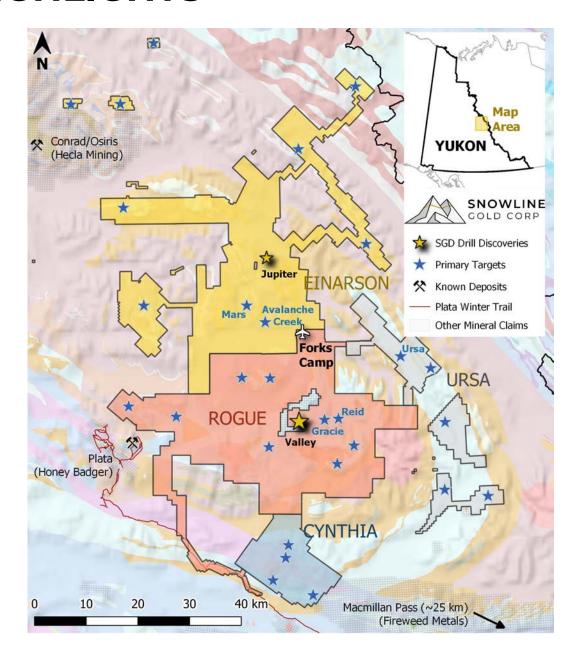
✓ UPSIDE OF AN EXPLORER

Prospective >360,000 ha land package with 30+ gold targets across eight projects targeted by aggressive exploration campaigns in underexplored Yukon Territory

- ✓ STRONG TREASURY & MANAGEMENT TEAM

 >\$72M treasury with highly experienced, Yukon-focused management and technical teams
- ✓ COMMITMENT TO ENVIRONMENT, COMMUNITY & RESPONSIBLE EXPLORATION

Recipient of the **2023 Robert E. Leckie Award** selected by Yukon Government and First Nations 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

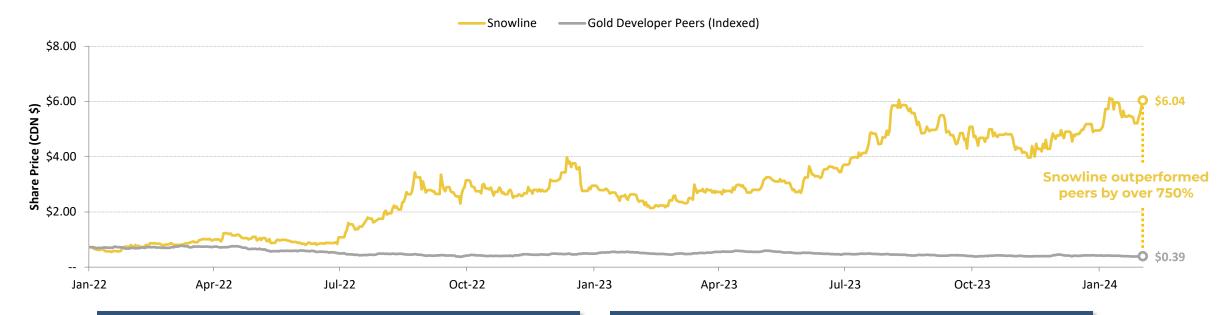
Exploring blue-sky concepts in fertile rocks for gamechanging discoveries and sustainable projects

DOING THINGS RIGHT

Commitments to safety, integrity and exceeding best practices; to 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	157.2 M
Options (\$0.30 – \$5.38 strike price; \$25.1 M total redemption*)	10.6 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	169.3 M
Share Price (June 1, 2024)	\$5.93
Basic Market Capitalization (June 1, 2024)	\$932.4 M
Cash (June 1, 2024)	\$72.4 M

All figures in Canadian dollars *A large proportion of stock options have not yet vested

ANALYST COVERAGE







Brandon Gaspar











Allison Carson



Cg/Canaccord Genuity

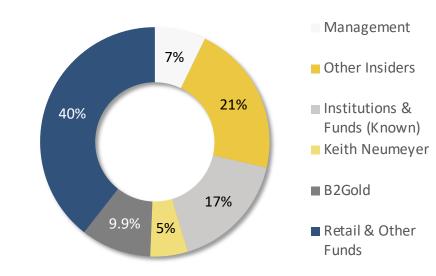


PARADIGM

an.



SHAREHOLDER OWNERSHIP























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, FGAC
Independent Chair
Geology



Sarah Weber, BSc, MBA, PGeoIndependent Director
Indigenous Engagement



Calum Morrison, CPA, CFA
Independent Director
Capital Markets



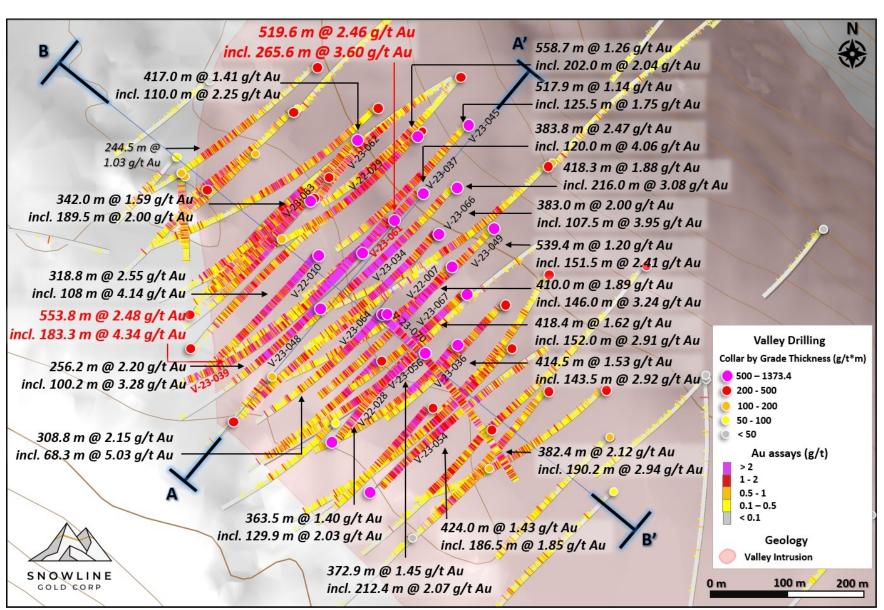
Gil LawsonIndependent Director *Mine Development*



ROGUE PROJECT - VALLEY DEPOSIT

- 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 Kinross's Ft Knox Mine





VALLEY DEPOSIT – ROBUST INITIAL ESTIMATE

RAPID ADVANCEMENT

First ever holes drilled in September 2021, initial mineral resource estimate based on 28,000 m drilling completed by October 2023

SW

OPEN TO EXPANSION

Strong gold values on multiple open edges of the deposit and large zones of mineralization outside of the current pit shell constraint (not included in initial resource estimate)

Tonnage

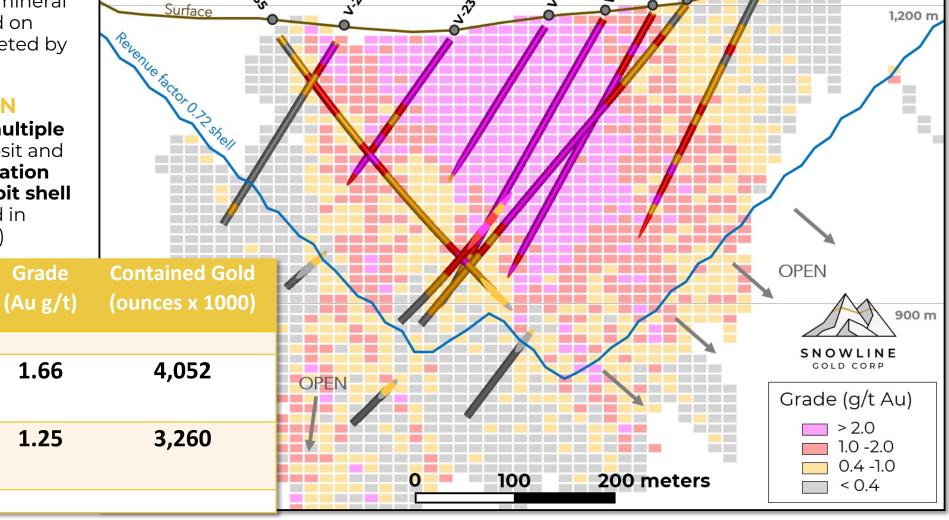
 $(t \times 1000)$

75,836

81,039

1.66

1.25



TSX-V: SGD | OTCQB: SNWGF

Resource

Category

Indicated

Resources

Resources

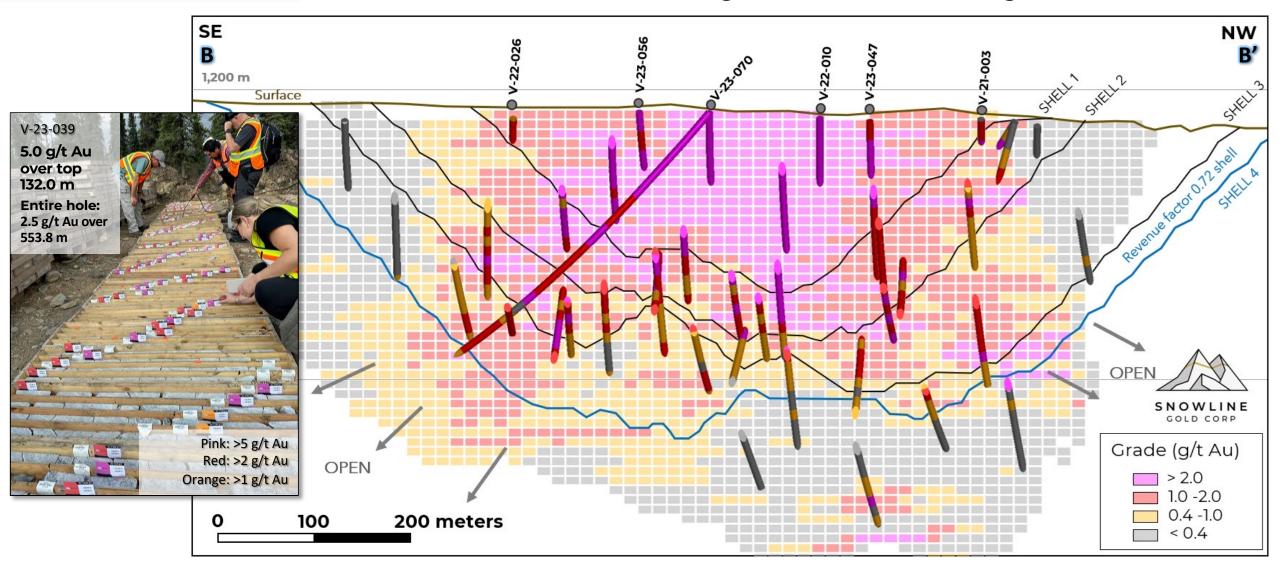
Inferred

NE

A'



VALLEY DEPOSIT – QUALITY AND QUANTITY





VALLEY DEPOSIT – QUALITY AND QUANTITY

Name	and the second				
Between	Incremental Pit	Mineral Resources	Tonnage	Grade	Contained Gold
Inferred Resources 13,533 2.16 939	Shells	and Waste	(t x 1000)	(Au g/t)	(oz x 1000)
Between Indicated Resources 22,129 1.46 1,041 Inferred Resources 22,250 1.22 870 Shell-1 & Shell-2 Waste Material 19,274 Between Indicated Resources 13,916 1.25 559 Inferred Resources 25,291 1.03 837 Shell-2 & Shell-3 Waste Material 48,450 Between Indicated Resources 14,328 0.97 446 Inferred Resources 19,965 0.96 614 Shell-3 & Shell-4 Waste Material 69,096 Mineral Indicated Resources 75,836 1.66 4,052 Resource Total Inferred Resources 81,039 1.25 3,260	Between	Indicated Resources	25,463	2.45	2,006
Between		Inferred Resources	13,533	2.16	939
Inferred Resources 22,250 1.22 870 Shell-1 & Shell-2 Waste Material 19,274 Between Indicated Resources 13,916 1.25 559 Inferred Resources 25,291 1.03 837 Shell-2 & Shell-3 Waste Material 48,450 Between Indicated Resources 14,328 0.97 446 Inferred Resources 19,965 0.96 614 Shell-3 & Shell-4 Waste Material 69,096 Mineral Indicated Resources 75,836 1.66 4,052 Inferred Resources 81,039 1.25 3,260 Resource Total 1.25 3,260 Comparison of the co	Surface & Shell-1	Waste Material	3,304		
Inferred Resources 22,250 1.22 870 Shell-1 & Shell-2 Waste Material 19,274 Between Indicated Resources 13,916 1.25 559 Inferred Resources 25,291 1.03 837 Shell-2 & Shell-3 Waste Material 48,450 Between Indicated Resources 14,328 0.97 446 Inferred Resources 19,965 0.96 614 Shell-3 & Shell-4 Waste Material 69,096 Mineral Indicated Resources 75,836 1.66 4,052 Inferred Resources 81,039 1.25 3,260 Resource Total 1.25 3,260 Comparison of the co					
Inferred Resources 22,250 1.22 870 Shell-1 & Shell-2 Waste Material 19,274 Between	Retween	Indicated Resources	22,129	1.46	1,041
Between	20000000	Inferred Resources	22,250	1.22	870
Inferred Resources 25,291 1.03 837 Shell-2 & Shell-3 Waste Material 48,450 Between Indicated Resources 14,328 0.97 446 Inferred Resources 19,965 0.96 614 Shell-3 & Shell-4 Waste Material 69,096 Mineral Indicated Resources 75,836 1.66 4,052 Inferred Resources 81,039 1.25 3,260 Resource Total 1.03 837	Shell-1 & Shell-2	Waste Material	19,274		
Inferred Resources 25,291 1.03 837 Shell-2 & Shell-3 Waste Material 48,450 Between Indicated Resources 14,328 0.97 446 Inferred Resources 19,965 0.96 614 Shell-3 & Shell-4 Waste Material 69,096 Mineral Indicated Resources 75,836 1.66 4,052 Inferred Resources 81,039 1.25 3,260 Resource Total 1.03 837					
Inferred Resources 25,291 1.03 837 Shell-2 & Shell-3 Waste Material 48,450 Between	Retween	Indicated Resources	13,916	1.25	559
Between Indicated Resources 14,328 0.97 446 Inferred Resources 19,965 0.96 614 Shell-3 & Shell-4 Waste Material 69,096 Mineral Resource Total Indicated Resources Resources 75,836 1.66 4,052 Inferred Resources	20000000	Inferred Resources	25,291	1.03	837
Inferred Resources	Shell-2 & Shell-3	Waste Material	48,450		
Inferred Resources					
Inferred Resources	Between	Indicated Resources	14,328	0.97	446
Mineral Indicated Resources 75,836 1.66 4,052 Inferred Resources 81,039 1.25 3,260	Detween	Inferred Resources	19,965	0.96	614
Resource Total Inferred Resources 81,039 1.25 3,260	Shell-3 & Shell-4	Waste Material	69,096		
Resource Total Inferred Resources 81,039 1.25 3,260					
Resource Total Inferred Resources 81,039 1.25 3,260		Indicated Resources	75,836	1.66	4,052
Waste Material 140.124		Inferred Resources	81,039	1.25	3,260
		Waste Material	140,124		

Front-Loaded Grades and Tonnage

- ✓ Incremental shells within initial estimate highlight near-surface, high-grade distribution of gold along with robust metrics at all stages
- ✓ Increased optionality and strength for future potential development scenarios

Gold Cut-off (Au g/t)	Mineral Resource Category	Tonnage (t x 1000)	Grade (Au g/t)	Contained Gold (ounces x 1000)
0.6 g/t	Indicated Resources	67,914	1.80	3,925
0.0 8/ 0	Inferred Resources	65,793	1.43	3,016
0.5 g/t	Indicated Resources	72,009	1.73	3,997
	Inferred Resources	72,871	1.34	3,141
0.4 g/t	Indicated Resources	75,836	1.66	4,052
	Inferred Resources	81,039	1.25	3,260
0.3 g/t	Indicated Resources	79,474	1.60	4,093
	Inferred Resources	90,152	1.16	3,361
0.2 g/t	Indicated Resources	82,682	1.55	4,119
	Inferred Resources	101,909	1.05	3,455

Low Sensitivity to Cut-Off Grade

- Resilient to operational cost increases and to decreases in the price of gold
- ✓ Break-even point at 0.6 g/t Au is US\$1,350 per ounce of gold



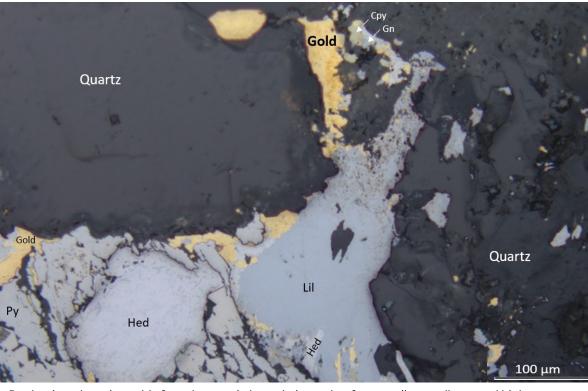
VALLEY DEPOSIT – STRONG METALLURGY

- NON-REFRACTORY 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

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

METALLURGICAL



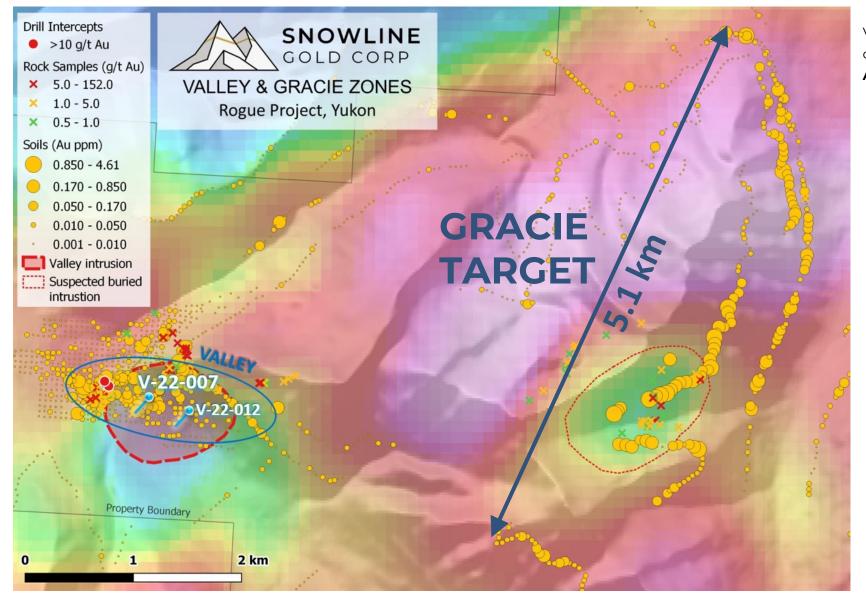
Predominantly native gold often along grain boundaries makes for versatile metallurgy and high recoveries through various conventional processing methods. Low sulfur content, natural buffering and low levels of various deleterious elements at Valley make for viable permitting, reclamation and closure.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



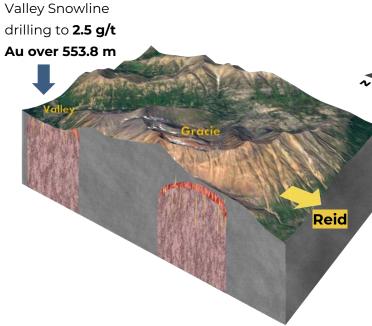
Hole V-23-061 returned **519.6 m averaging 2.46 g/t Au,** including **3.60 g/t Au over 265.6 m** from surface



ROGUE PROJECT - GRACIE TARGET



Soil geochemistry over regional ZTEM conductivity data

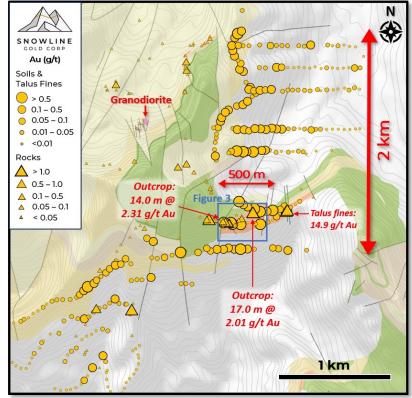


- GRACIE:
 - Kilometers-scale gold-in-soil/talus fines anomaly above **intact intrusion**
- 43 talus fine samples from a 1,600 x 800 m central area average 0.49 g/t Au, with 8 samples >1 g/t Au
- Visible gold and localized high grades observed in multiple drill holes



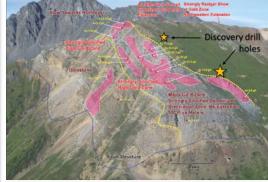
UNLOCKING A DISTRICT

>360,000 HECTARE LAND PACKAGE AND 30+ PRIMARY TARGETS



Rogue Project – Aurelius Target:

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

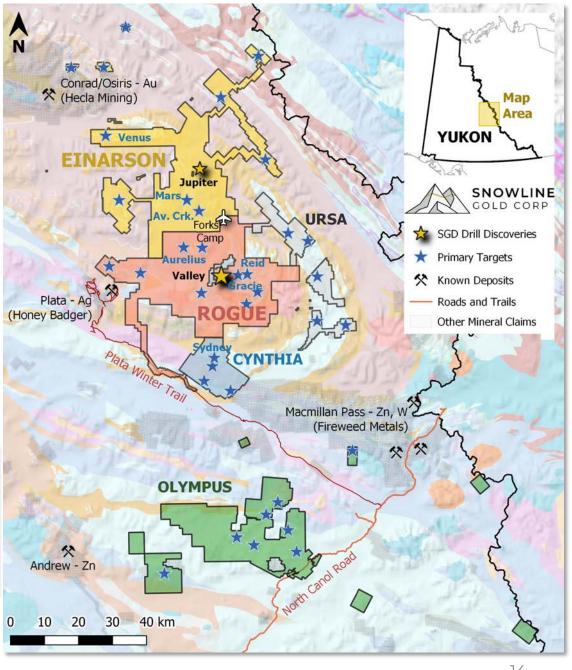


Einarson Project – Venus: Historical (2012) drilling to 9.67 g/t Au over 38.7 m, surface grab samples to 191 g/t Au



Einarson Project – Mars:

4 km gold-in-soil anomaly, historical (2012) trench **7.1 g/t Au over 5.0 m**





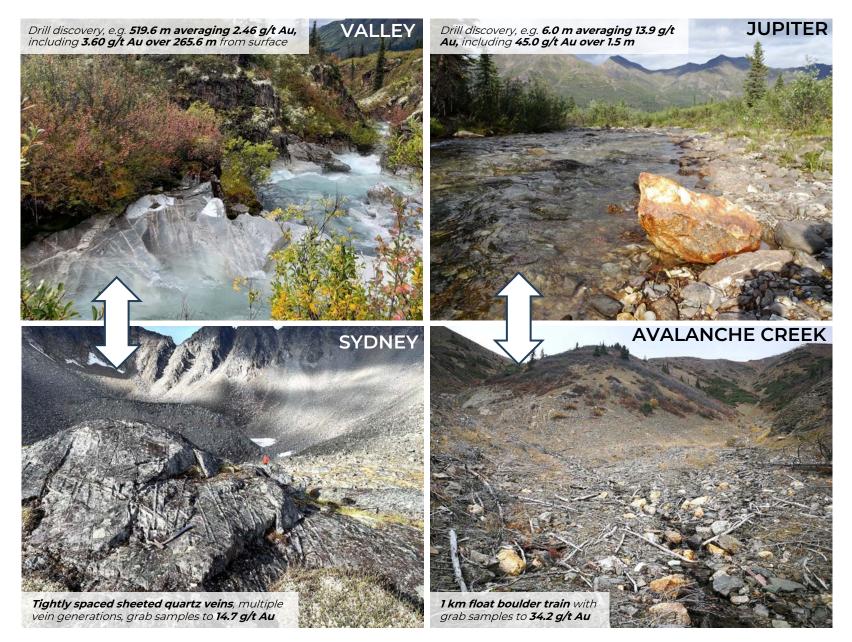
UNEXPLORED, PROSPECTIVE GROUND

SNOWLINE DRILL DISCOVERIES:

Large mineralized systems discovered in outcrop and as float, with no prior exploration history

NUMEROUS
UNTESTED TARGETS:

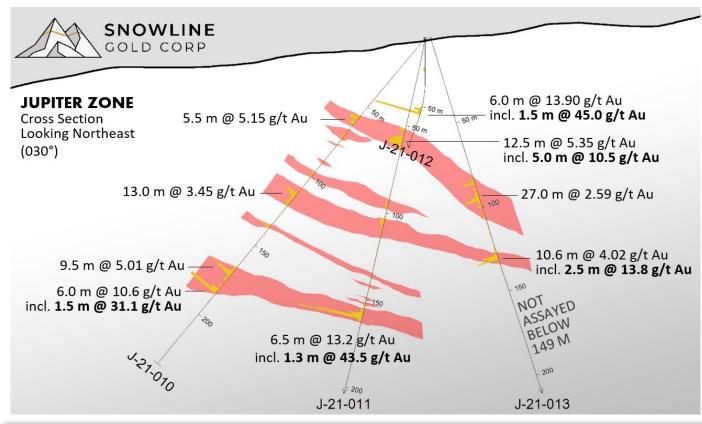
Similar prospective targets across project portfolio, with **five new outcropping target areas discovered in 2023**





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







2024 EXPLORATION PROGRAM



VALLEY DEPOSIT (15,000m+)

- Phase IV drilling towards expansion of the still-open system and resource definition
- Focus on advanced permitting and economic evaluation to progress towards production decision
- Completion of new 50-person camp



REGIONAL DRILLING (10,000m+)

- Phase II drilling of multiple regional targets including Jupiter (Einarson project) and follow up of promising results from 2023
- Phase I drilling of additional RIRGS targets in within the Rogue Plutonic Complex, including Aurelius target



REGIONAL GREENFIELDS EXPLORATION

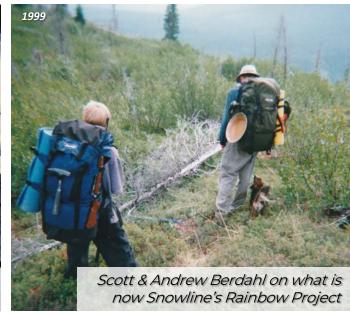
 Extensive geochemical, geological and geophysical vectoring towards and advancement of mineralized intrusions thought to be siblings to Valley



FROM DECADES OF EXPLORATION

- 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





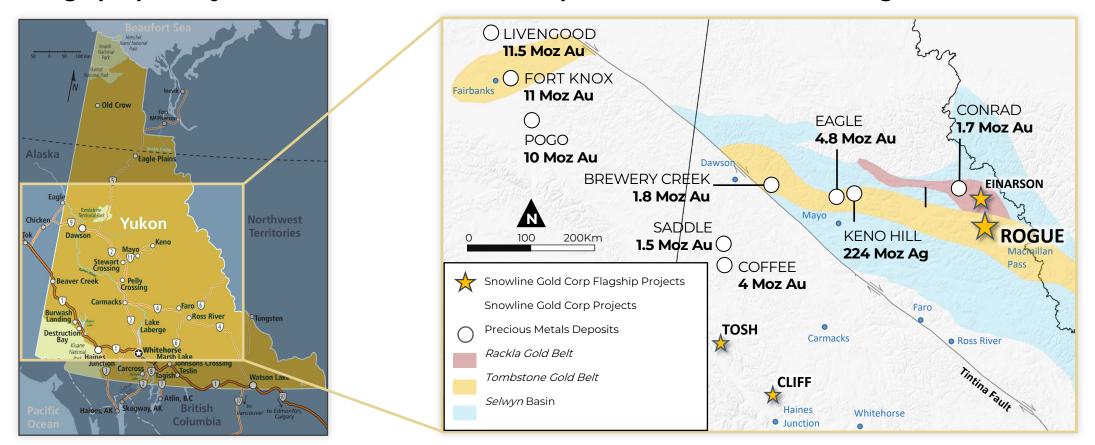






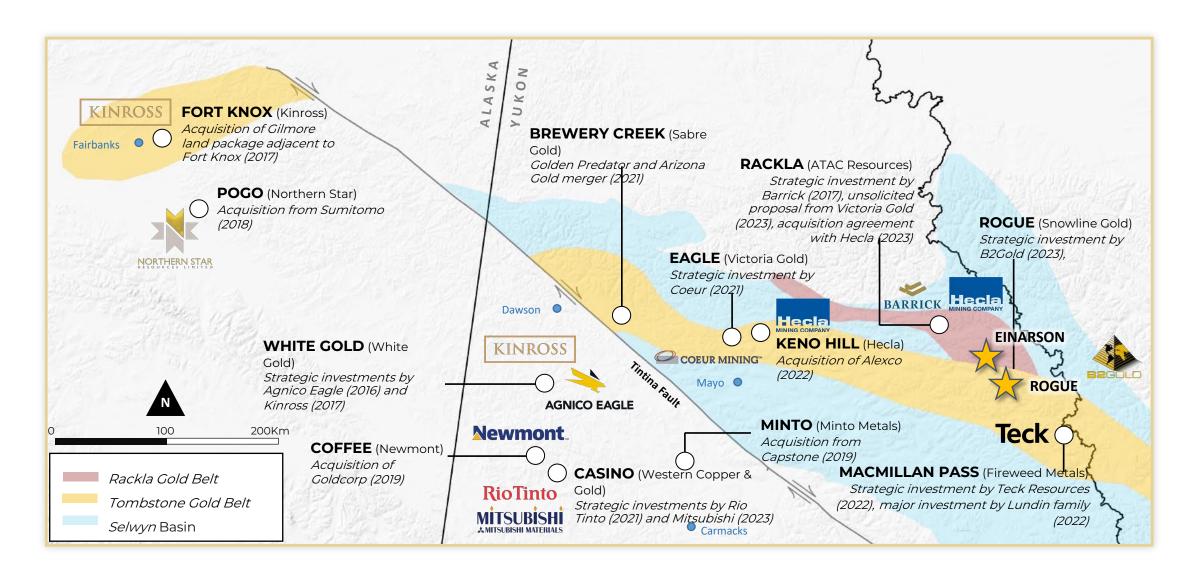
A NEW LIGHT ON THE YUKON

- 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





INCREASING INVESTMENT IN THE REGION



COMMITTED TO LAND & PEOPLE



Photo courtesy of Yukon Seed & Restoration



Photo courtesy of Ensero Solutions



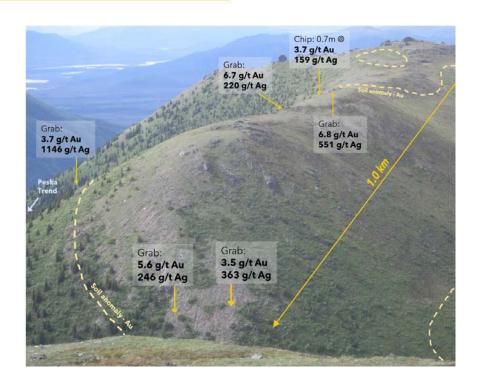
Mayo, Yukon, Career Fair



Photos courtesy of Yukon Seed & Restoration

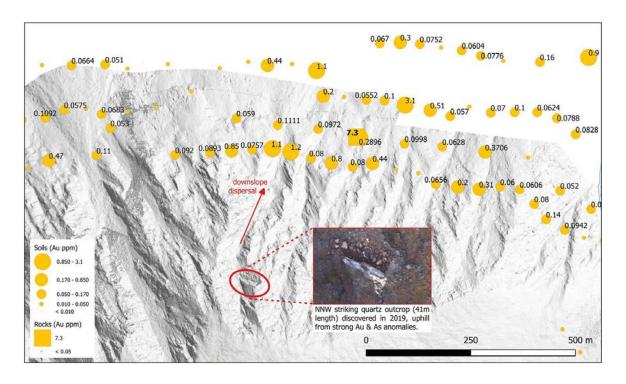


OTHER GOLD ASSETS: TOSH & CLIFF



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

