



Unlocking Value at the JD Project: District Scale Gold-Copper Potential

Toodoggone, British Columbia, Canada

Q2 2026 | [SUNSUMMITMINERALS.COM](https://www.sunsummitminerals.com) | TSX-V: **SMN** | OTCQB: **SMREF**

FORWARD LOOKING STATEMENTS



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National Instrument 43-101 Disclosure

This presentation has been approved by Sun Summit's Vice President Exploration, Ken MacDonald, P.Geo. a "Qualified Person" as defined in National Instrument 43-101 *Standards of Disclosure for Mineral Projects* of the Canadian Securities Administrators. He has not been able to verify the historical exploration data disclosed, including sampling, analytical and test data underlying the technical information in this presentation since such data is historical and the original drill core and samples are not readily available. Some technical information contained in this presentation is historical in nature and has been compiled from public sources believed to be accurate. This technical information has not been verified by Sun Summit and may in some instances be unverifiable dependent on the existence of historical drill core and samples.

Quality Assurance & Quality Control

Sun Summit has implemented a quality assurance and quality control program to ensure sampling and analysis of all exploration work is conducted in accordance with the best possible practices. All sampling programs are carried out in a careful and diligent manner using scientifically established sampling practices designed and tested to ensure that the results are representative and reliable. Quality control programs appropriate to the type of sample and the mineralization are implemented, including such measures as insertion of external blanks, standards and duplicate samples into the sample stream. The security of samples from sample acquisition to analysis is a vital component of the sampling process. Procedures include the use of secure core logging, sampling, storage and preparation facilities as appropriate and the prompt, secure and direct shipping of samples to the laboratories. Appropriate sample security procedures are employed given the geographic and topographic conditions and the logistics created by the site location.

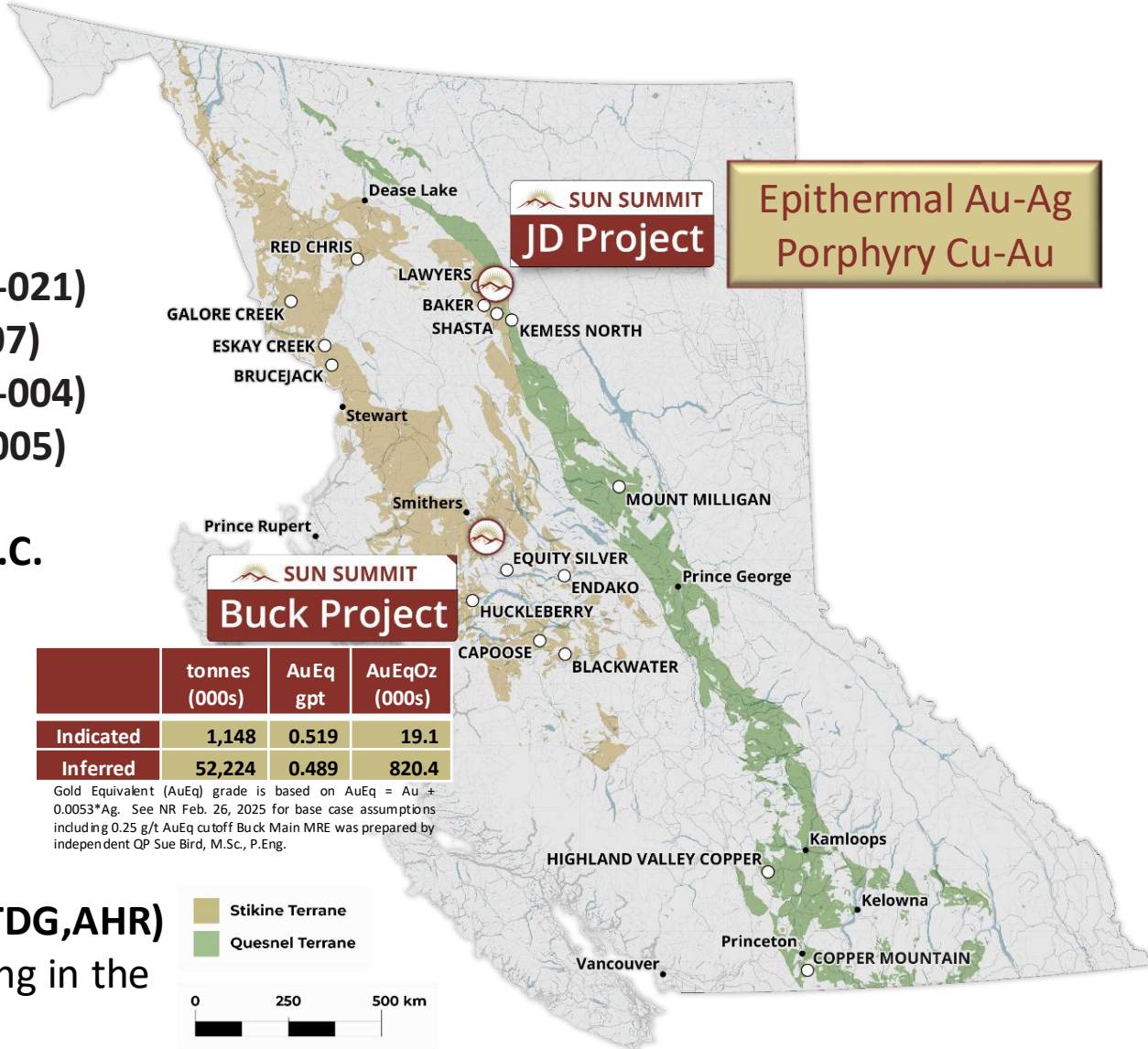
Unlocking Value from District Scale Gold-Copper Assets

- Fully funded for aggressive 2026 exploration program
 - 10,000 meter+ drill program beginning June 2026
 - Initial MRE at JD expected by Q1 2027

- High-grade drill results in 2024 and 2025:
 - 81 m of 4.80 g/t Au incl. 14.0 m of 19.81 g/t Au (CZ-25-021)
 - 78 m of 3.72 g/t Au incl. 19.1 m of 7.5 g/t Au (CZ-25-007)
 - 122.5 m of 2.1 g/t Au incl. 1.5 m of 121.0 g/t Au (CZ-24-004)
 - 57.95 m of 2.7 g/t Au incl. 19.5 m of 7.3 g/t Au (CZ-24-005)

- Scale potential: 31,500 ha, Tier 1 jurisdiction, Toodoggone, B.C.
 - 4.5 km Creek-Finn Corridor (Epithermal Au-Ag)
 - Creek Mineralized Zone: 750m x 300m x 150m depth
 - Open along strike and down-dip

- \$11.5 million private placement closed December 2025
 - Growing institutional ownership
 - Undervalued relative to neighbouring companies (TAU,TDG,AHR)
 - Corporate strategic investment: AU, FCX, CG, SKE investing in the region; district ripe for consolidation



Path for Significant Value Creation

2025 Creek Zone Highlights:

- 81 m of 4.80 g/t Au incl. 14.0 m of 19.81 g/t Au (CZ-25-021)
- 78 m of 3.72 g/t Au incl. 19.1 m of 7.5 g/t Au (CZ-25-007)

2024 Creek Zone Highlights:

- 122.5 m of 2.1 g/t Au incl. 1.5 m of 121.0 g/t Au (CZ-24-004)
- 57.95 m of 2.7 g/t Au incl. 19.5 m of 7.3 g/t Au (CZ-24-005)

Options JD
property January
2024

Inaugural drill program Summer 2024:

- 2,500 meters
- 12 holes
- \$2.5 million expenditure

2025 program:

- 6,800 meters
- 21 drill holes
- \$7.3 million expenditure
- Soil geochemistry
 - ~1,500 soil samples
- Prospecting & Mapping
 - 668 rock samples
- IP geophysics (~58-line km)
- JD camp outfitting
- 5-year permit to 2030
- Met screen study
- Metallurgy work

Aggressive exploration program planned for summer 2026:

- 10,000 meter+ drill program planned for summer 2026
- \$10 million expenditure
- QP engaged for MRE

Initial MRE for
JD Project:
Q1 2027

Sun Summit Undervalued Relative to Toodoggone Peers

- An initial MRE at JD will add significantly to resource base
- Potential for multiple expansion



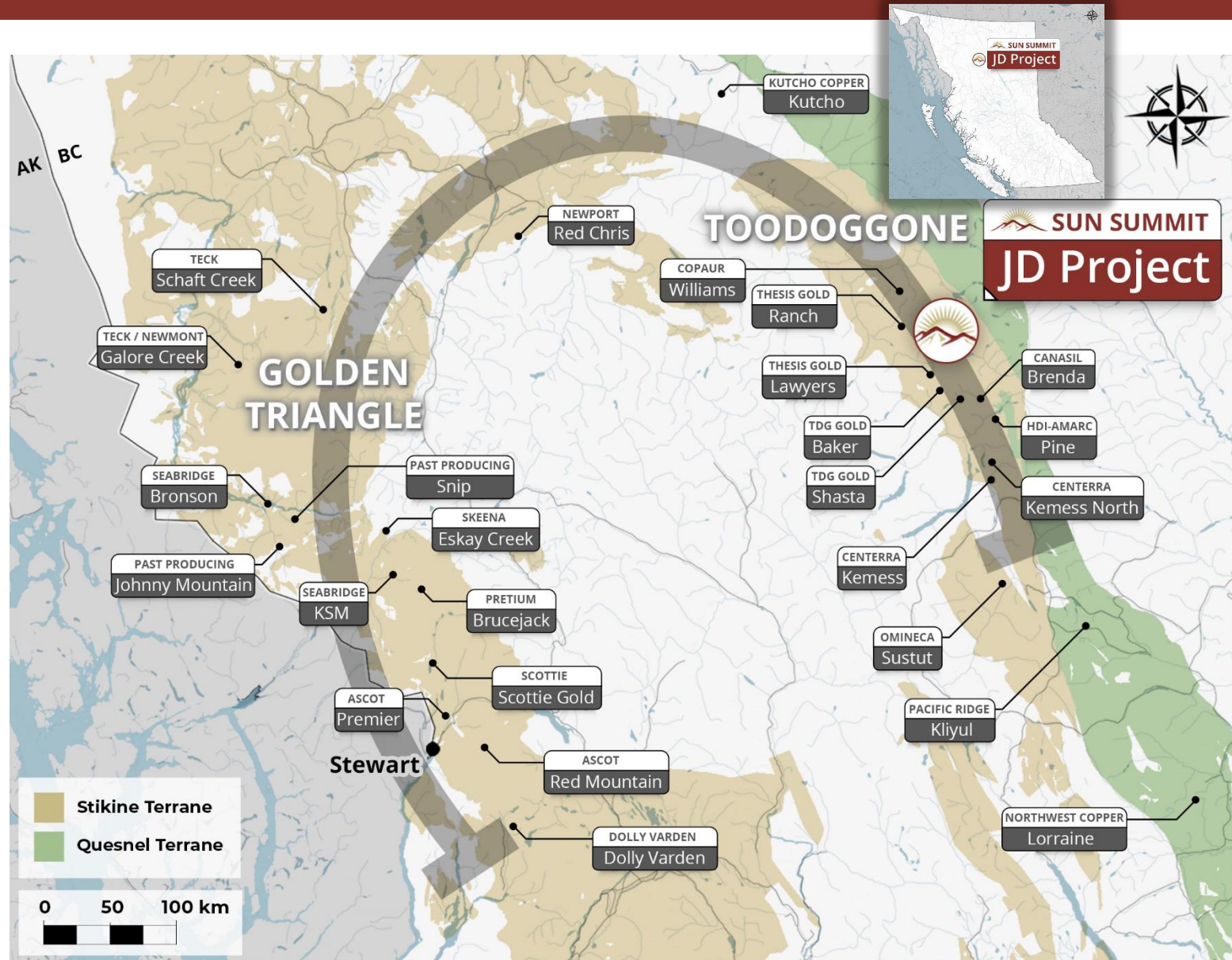
Market Cap (\$CAD)	\$52 mm	\$164 mm	\$229 mm	\$931 mm	\$4.7 B
Au Resources (M+I, ozs millions)	-*	0.40	-	3.34	10.86
Au Resources (Inferred, ozs millions)	-*	0.38	-	0.55	3.91
Market Cap/oz Au (\$CAD)	<i>nm</i>	\$210	<i>nm</i>	\$239	\$318

* Excludes NI 43-101 resources estimate from Buck Property
Resource numbers sourced from Company websites

JD Project: Safe, Mining Friendly, Prolific Jurisdiction

- **“Golden Horseshoe”**: shares same Stikinia Terrane: similar geological environment to Golden Triangle, and underexplored
- **Significant deposits / proven mineralization**
- **Mining friendly / low-risk jurisdiction**
- **Access to hydroelectric power, roads, water**
- **Experienced work force**

Proven Geological Potential to Attract Major Mining Companies

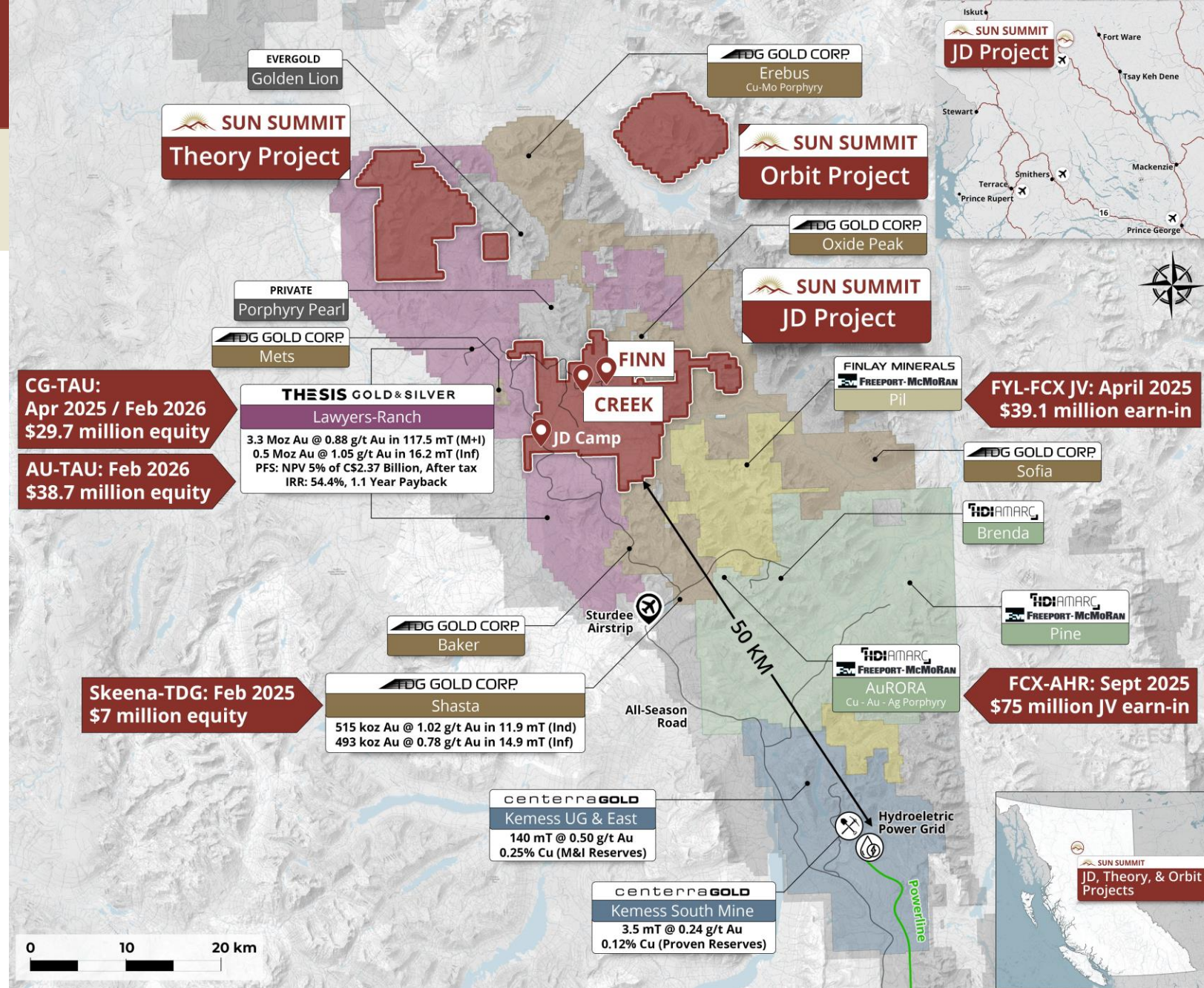


**SUN SUMMIT
JD Project**

JD-Theory: 31,500 ha

BRITISH COLUMBIA'S NEXT PREMIER MINING JURISDICTION

- Under-explored, significant discovery potential
- Emerging district, increased activity & investment
- Adjacent to epithermal gold systems:
 - Lawyers, Ranch (Thesis Gold & Silver)
 - Shasta, Baker, Mets (TDG Gold)
- Captures northern extension of Kemess Cu-Au belt:
 - Kemess South, Kemess East & North UG (Centerra)
 - AuRORA, (HDI Amarc)
- Developed infrastructure and power:
 - All-season access road
 - Sturdee airstrip (Terrace, Smithers, Prince George)
 - Kemess Mine hydroelectric power grid (256kv powerline from historical production)

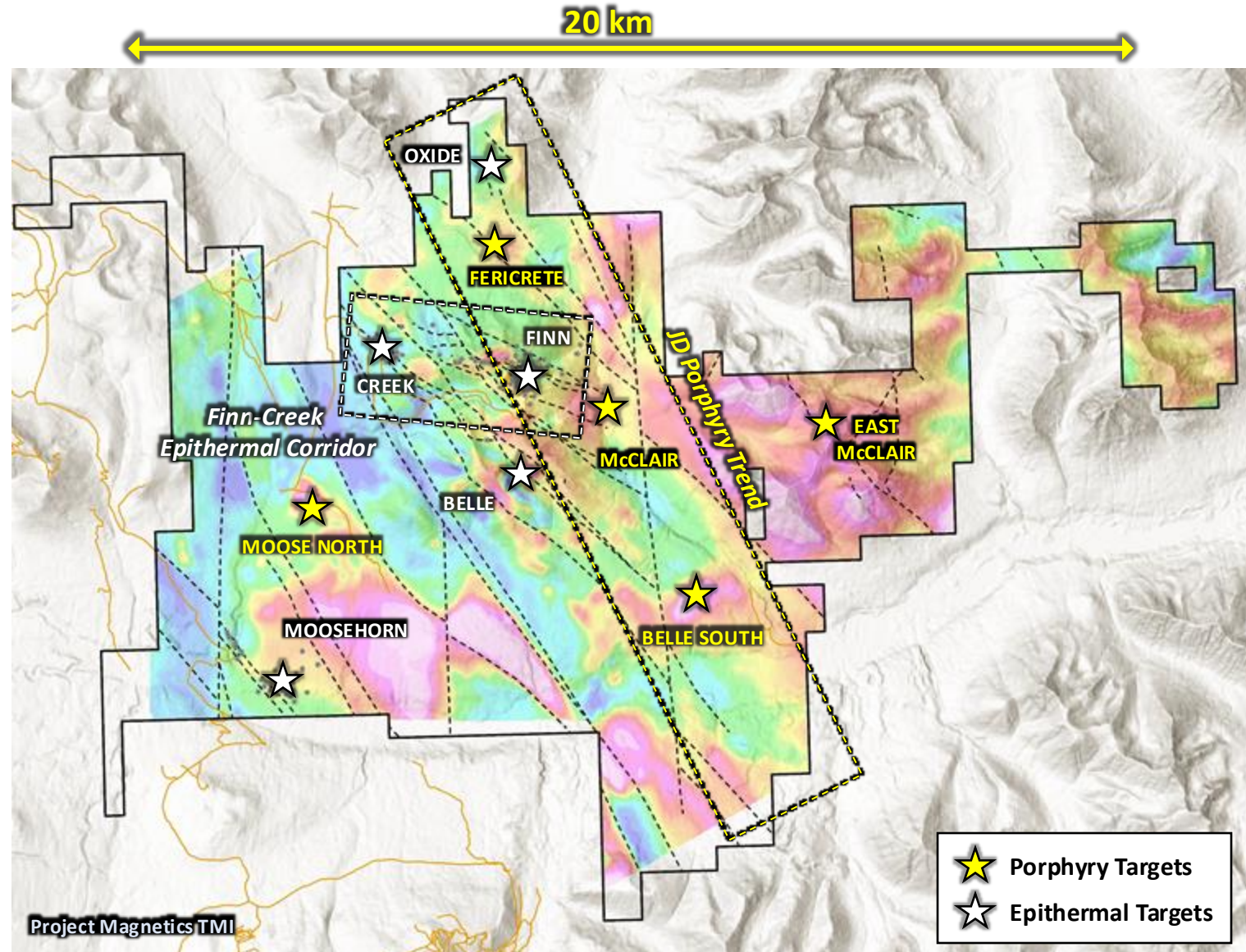


JD Project: Scale Potential

EPITHERMAL GOLD-SILVER AND
PORPHYRY COPPER-GOLD POTENTIAL



- Toodoggone mineral belt is known for high-grade epithermal Au-Ag systems and large bulk-mineable porphyry Cu-Au systems
- JD historical data dating back to the 1970s:
 - 36,000+ meters of historic drilling
 - >330 drill holes
 - ~16,000 soil samples
 - 2,000 rock samples
 - 130 trenches
 - Ground and airborne-based geophysical surveys
- Advanced stage and grassroots exploration targets
- High-grade gold drill results in 2024 & 2025
 - Open for expansion and testing
- Aggressive exploration program planned for 2026



References for historical drill hole results can be found at the end of this presentation.

2026 Exploration Program: Aggressive 10,000m+ Drilling

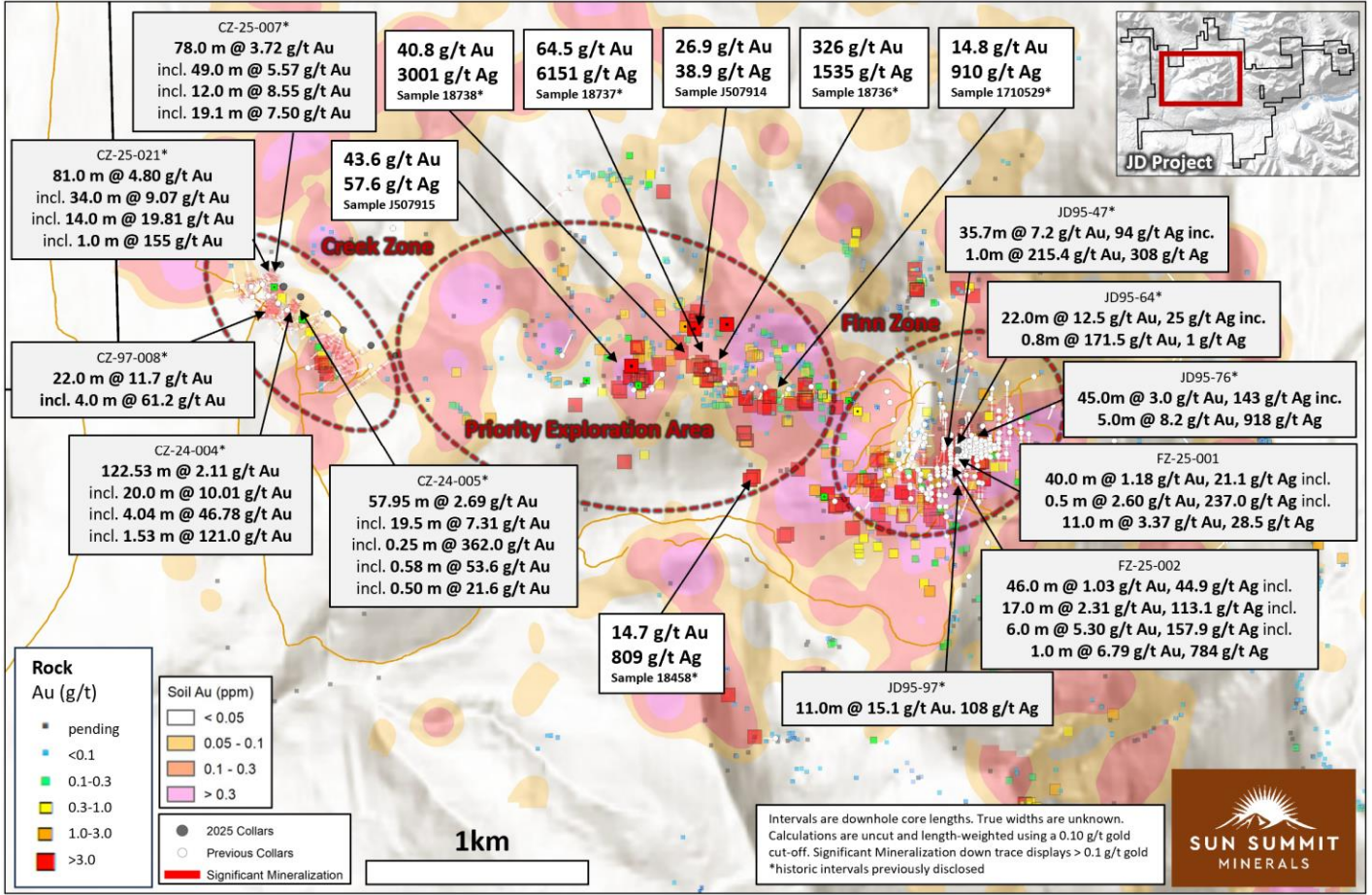
2026 Gold-Silver Focused Exploration Program:

- 10,000+ meters diamond drilling planned
- Step-out and infill drilling
- Goal is to maximize ounces for an MRE
- Priority on the Creek to Finn Corridor

Initial MRE expected by Q1 2027:

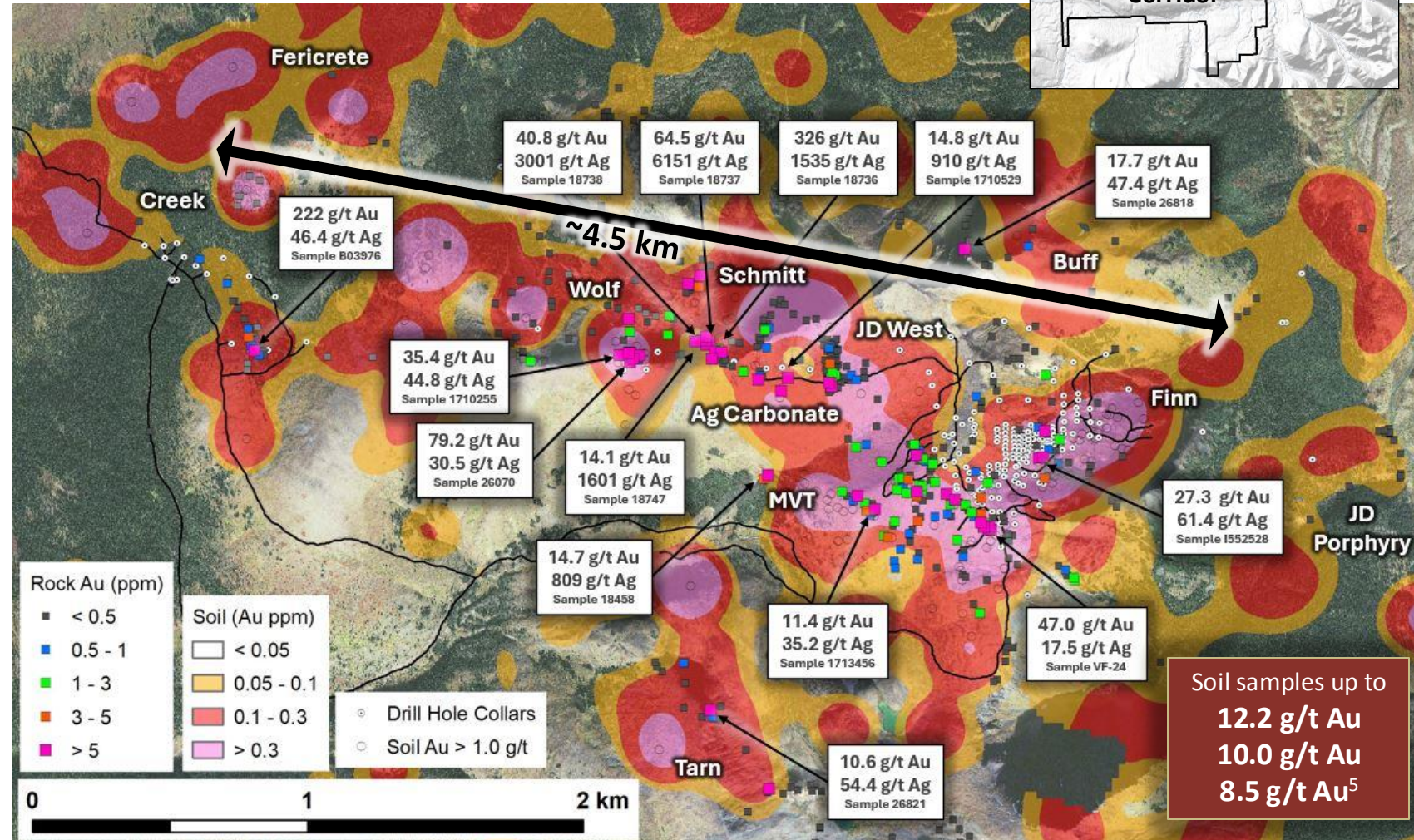
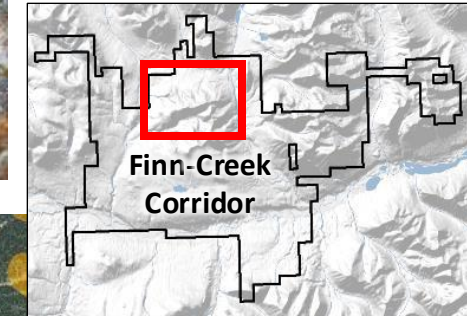
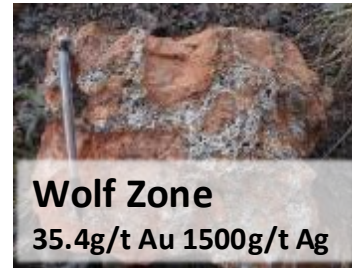
- Historical data compilation has defined multiple high priority targets
- 36,000+ meters of historic drilling at JD
 - Finn Zone, Creek Zone, Moosehorn, Wolf, JD West, Cirque, McClair
- Additional 9,400 meters drilled by SMN
 - Creek Zone, Finn Zone, AG Carb, Fericrete, Belle South
- 10,000+ meter drill program summer 2026

CREEK to FINN CORRIDOR – 4.5 km trend of gold-silver targets



JD Project: Scale Potential

- Multiple high-grade gold, silver and base metal mineralized zones and targets identified along trend
- Size potential along strike ~4.5km
- Underexplored, untested targets
- Most anomalies remain open for expansion and have never been drill tested
- Gold to silver ratios indicate multiple mineralizing events
- Future work includes drilling at priority targets along trend



Compiled historical soil geochemical data has been gridded and contoured. Sample locations are also shown, highlighting only results greater than 1.0g/t Au.
Gold assay results from over 540 historical rock samples (grabs from outcrop and float) are shown on the map with select results ranging from 10.6 g/t Au to 326 g/t Au. Grab samples are selective and the resulting assays may not be representative of all mineralization across the project.

JD Project: Creek Zone 2025 Results

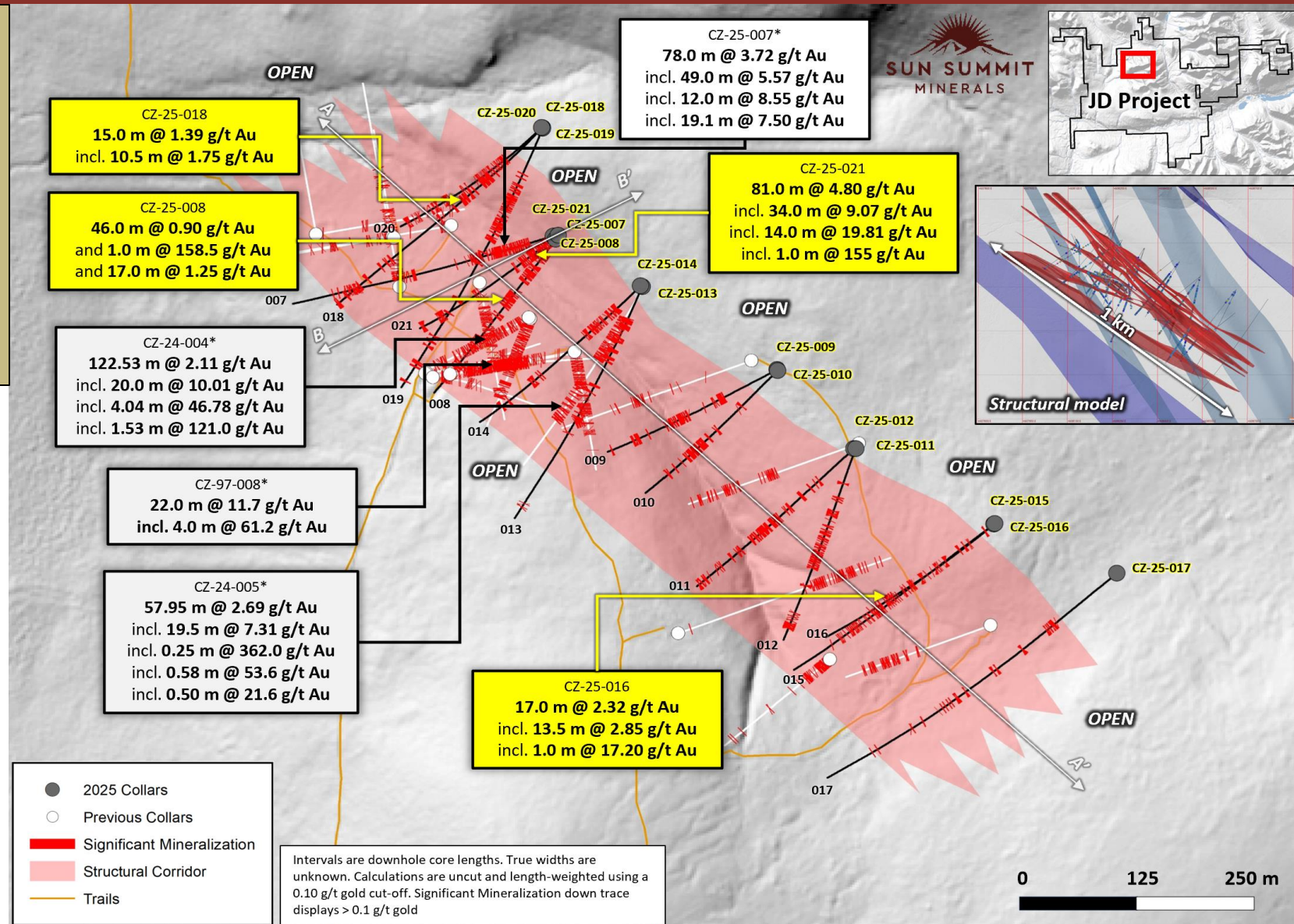
2025 CREEK ZONE RESULTS

CREEK ZONE (Hole CZ-25-021):

81 m @ 4.80 g/t Au

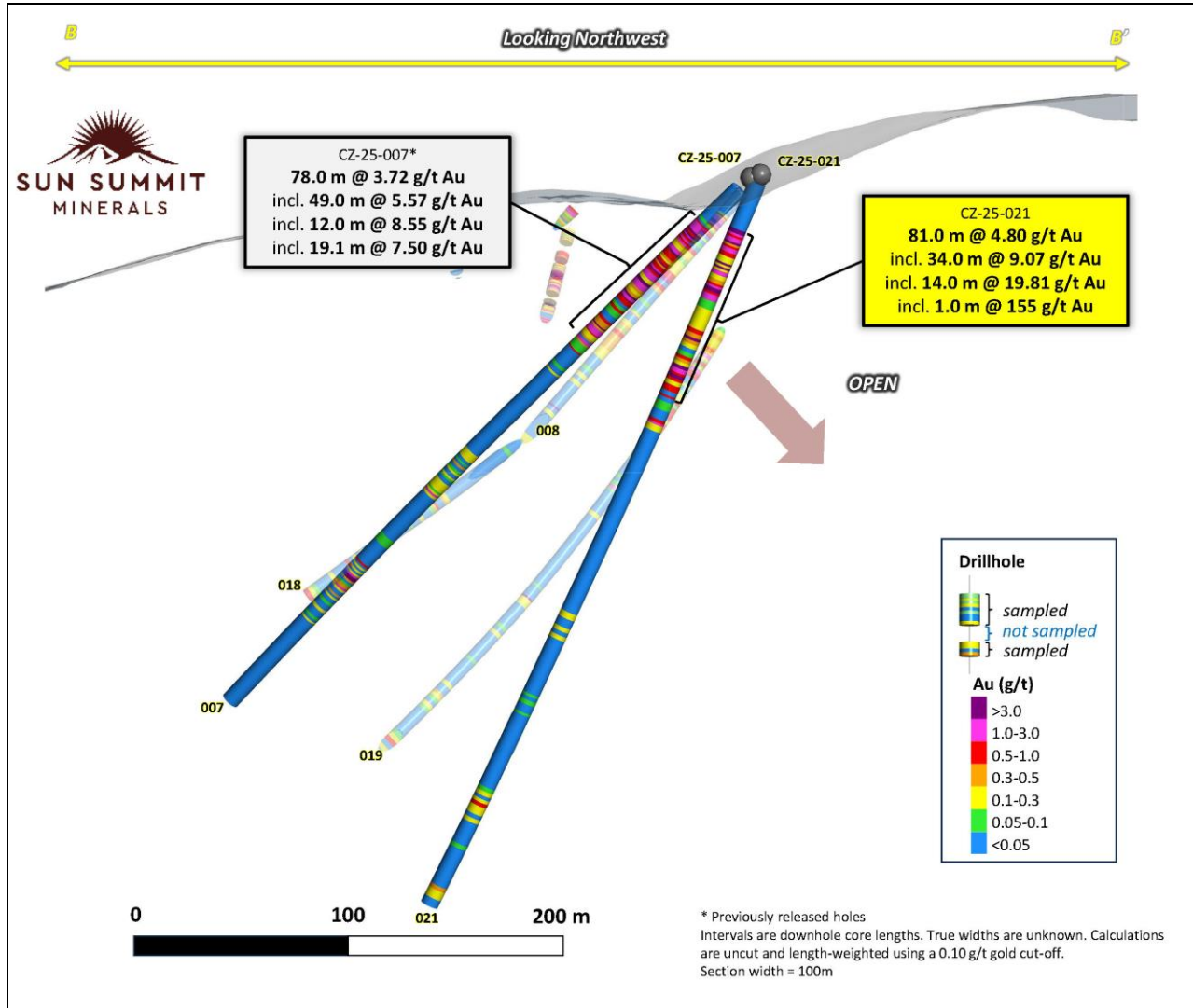
26 m downhole from surface

- 15 holes drill holes completed for 5,110 meters
- All holes intersected gold mineralization
- Established a northwest, structurally controlled zone:
 - 750 meters by 300 meters and approximately 150 meters vertical depth
- Open along strike and down-dip



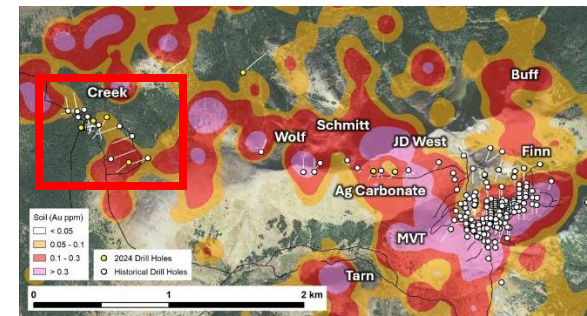
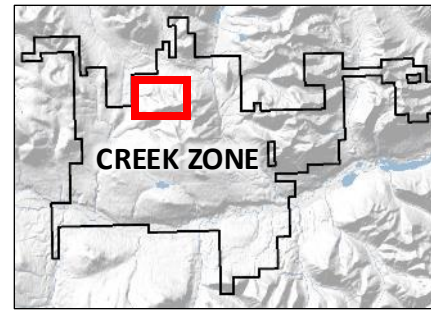
JD Project: Creek Zone Visible Gold in Core (Hole CR-25-021)

Cross section through drill holes CZ-25-007 & CZ-25-021 showing down hole assay data



JD Project: Creek Zone

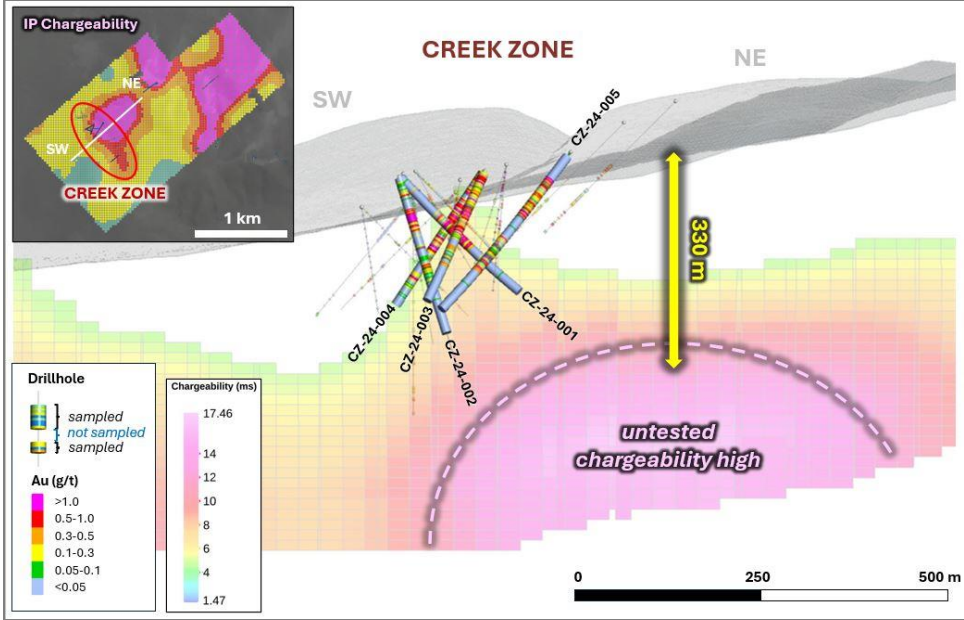
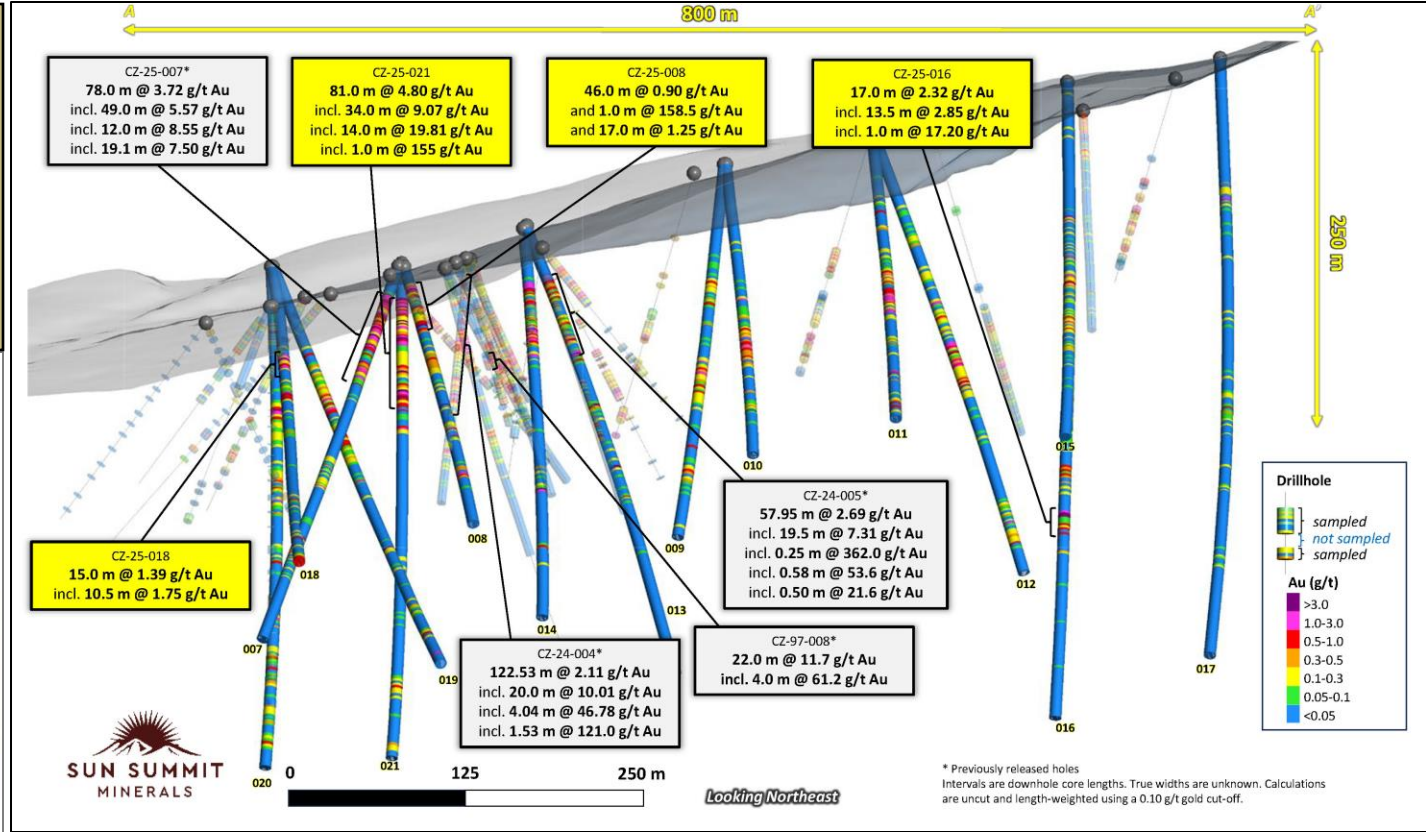
- IP geophysics confirmed chargeability and resistivity highs that require further testing
- Structural mapping to target high-grade veins sets



JD PROJECT DRILL RESULTS: HIGH-GRADE EPITHERMAL AU-AG:

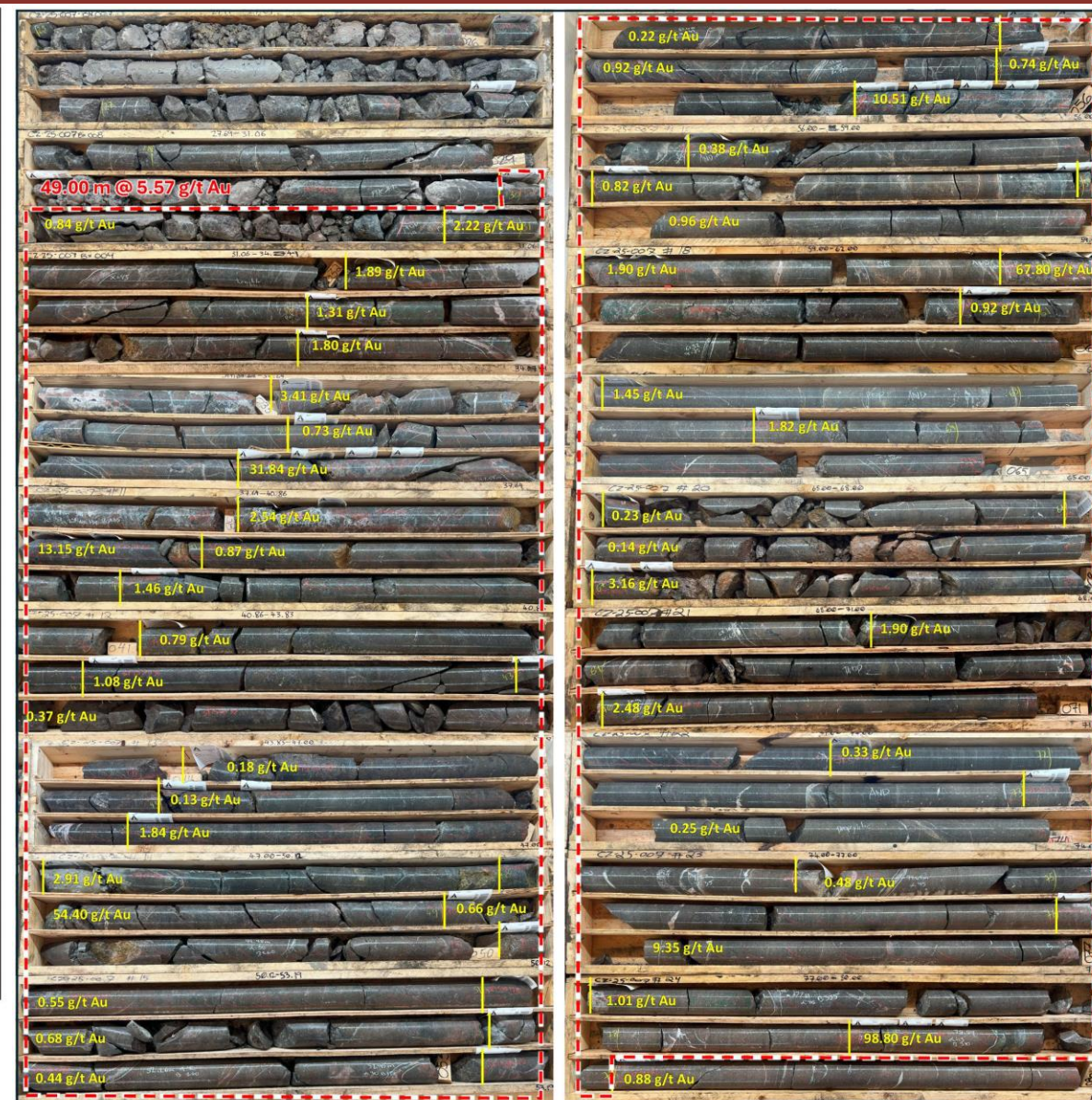
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 57.95 m of 2.7 g/t Au incl. 19.5 m of 7.3 g/t Au (CZ-24-005)
 22.0 m of 11.7 g/t Au incl. 4.0 m of 61.2 g/t Au (CZ97-008)

Drill intervals highlighted are downhole core lengths. True widths are unknown

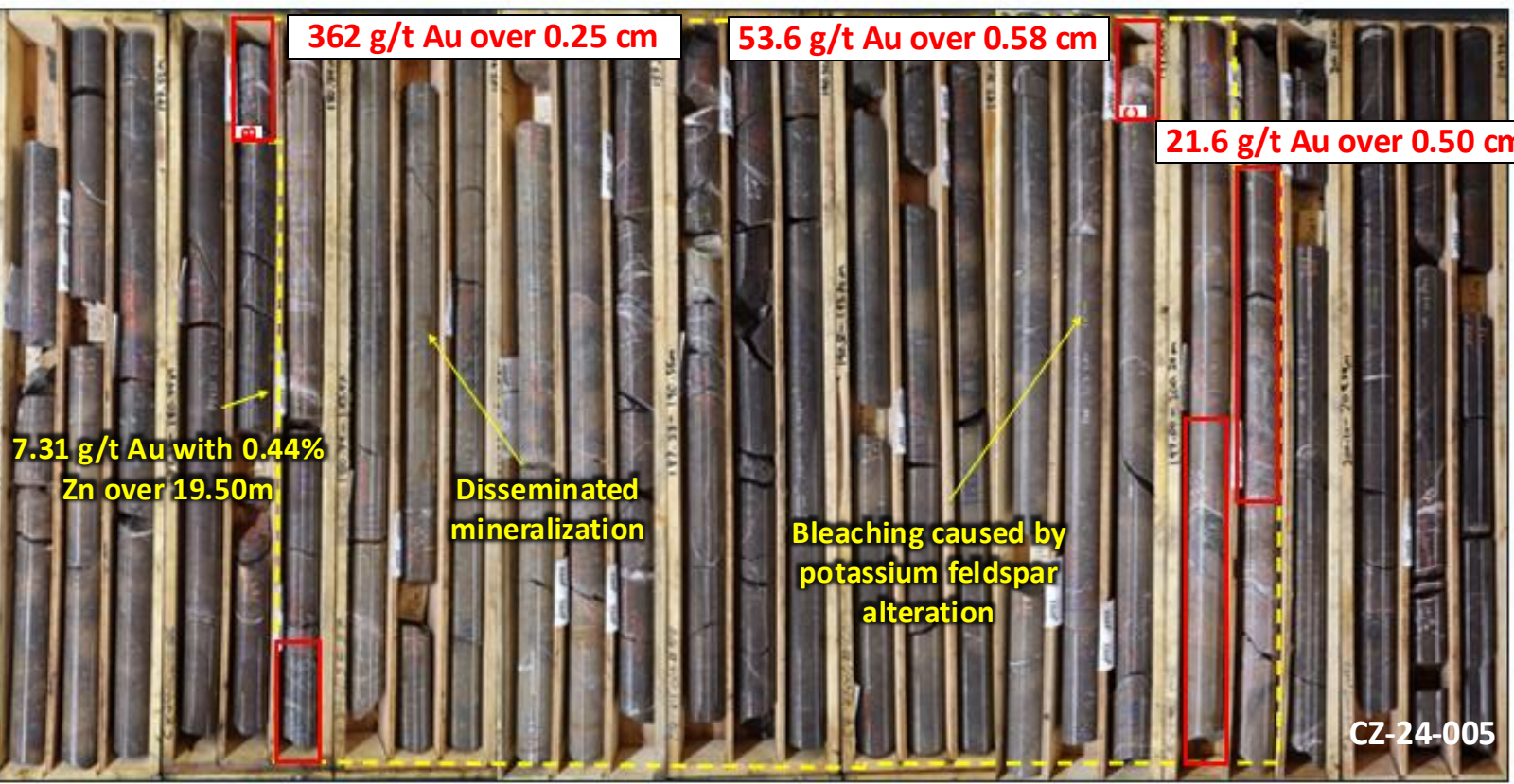
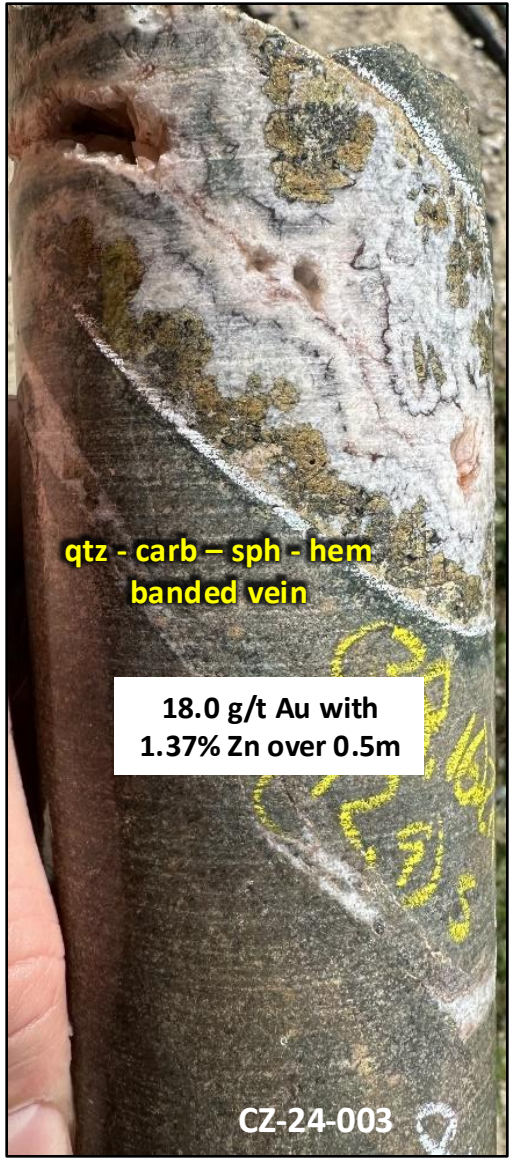


* Previously released holes
 Intervals are downhole core lengths. True widths are unknown. Calculations are uncut and length-weighted using a 0.10 g/t gold cut-off.

JD Project: Creek Zone Visible Gold in Core (Hole CR-25-007)

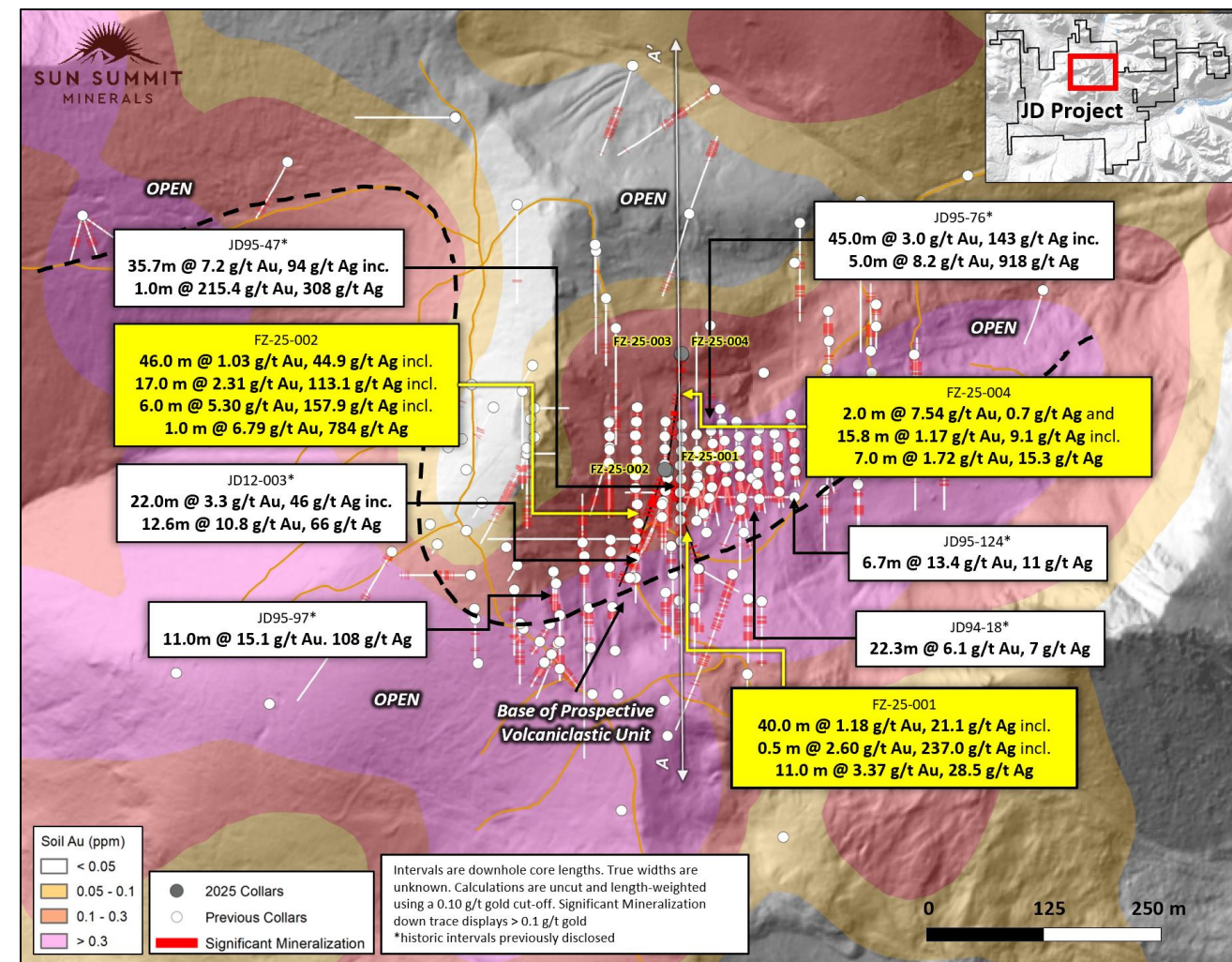
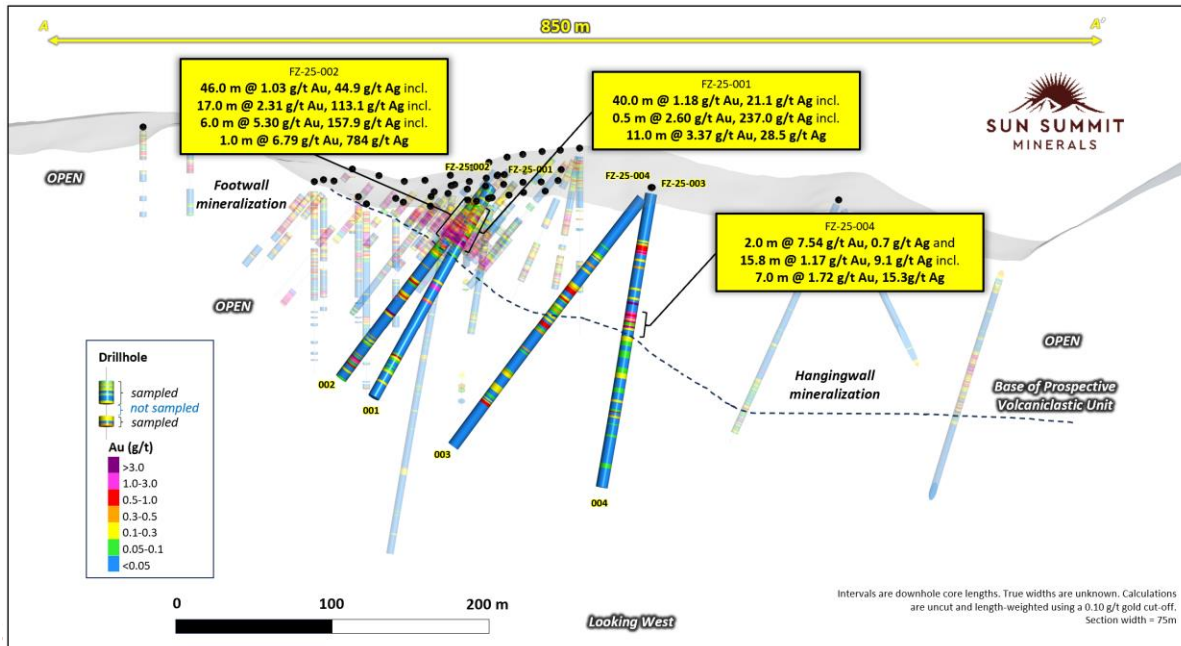


JD Project: Creek Zone (2024)



JD Project: Finn Zone

- Broad zone of near-surface, epithermal-related gold-silver mineralization
- Structurally controlled mineralization
- Prior drilling in high grade core; subsequent drilling confirmed continuity of mineralization
- Open along strike and down dip
- Priority drill targets to verify historical grades, confirm structural controls, investigate mineralization continuity

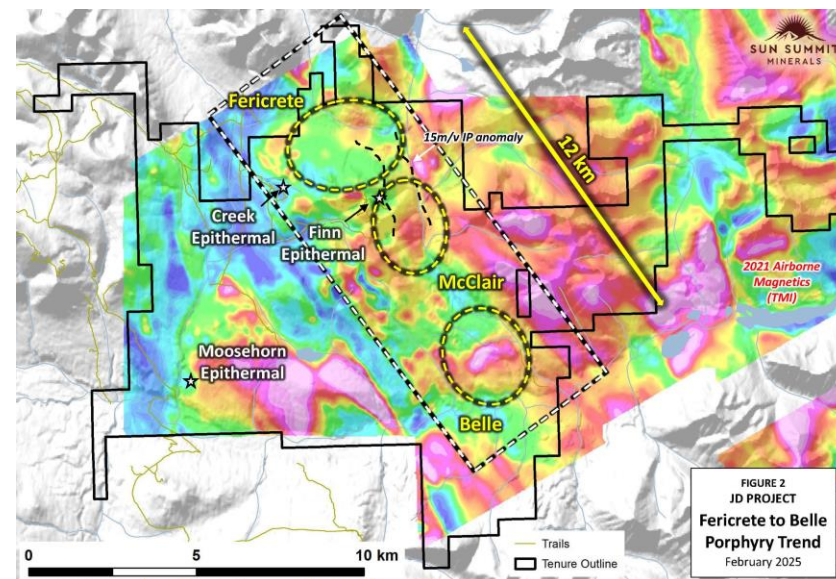
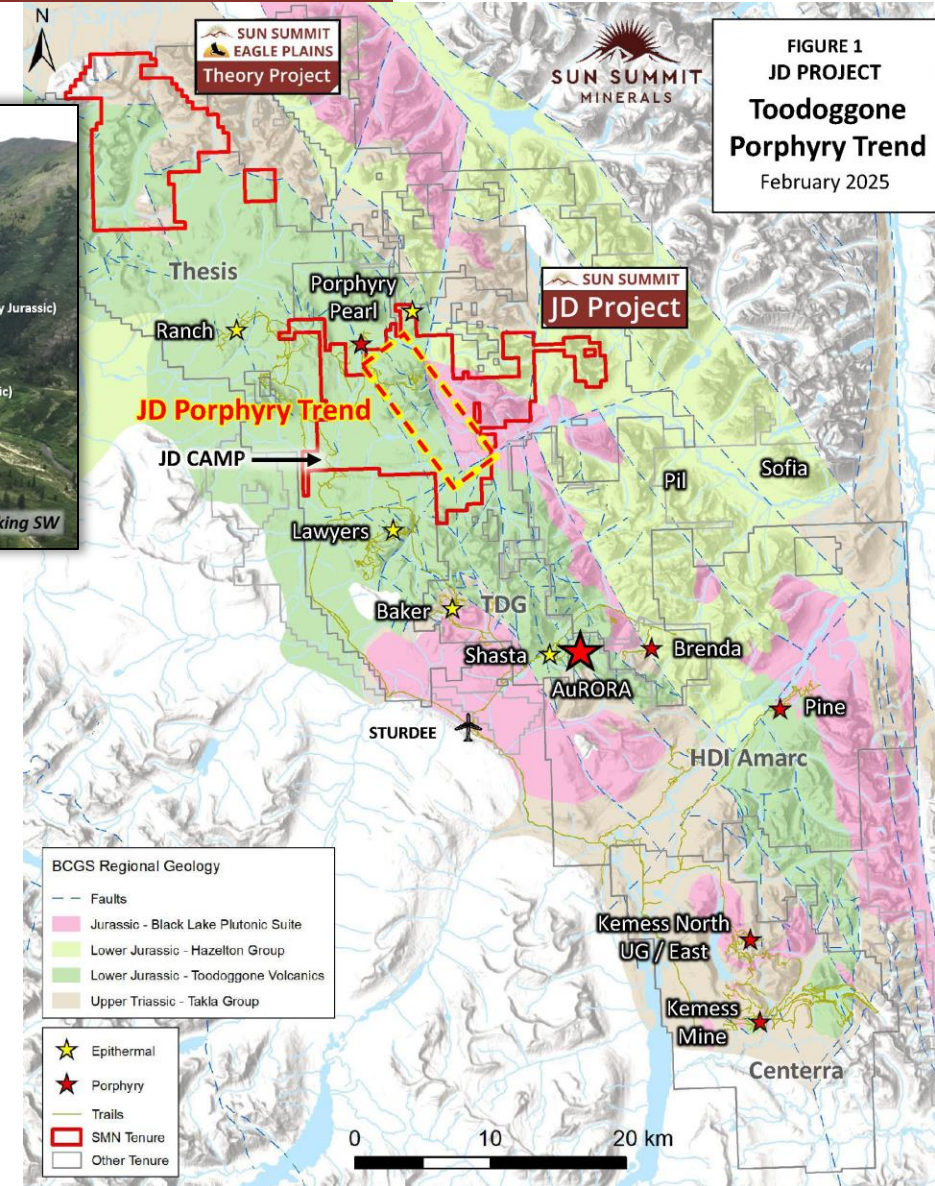
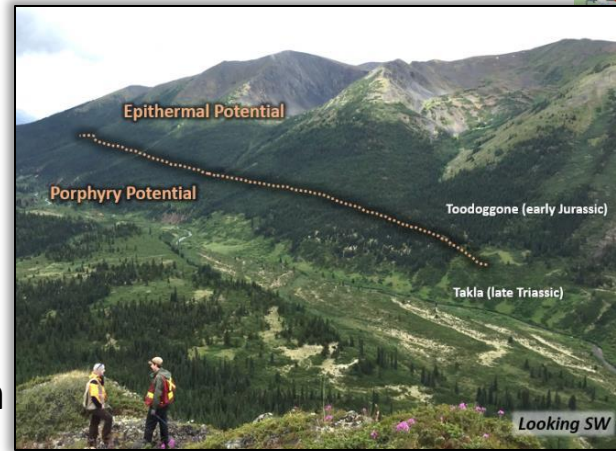


FINN ZONE Strong Au-Ag Mineralization in Historical Drilling

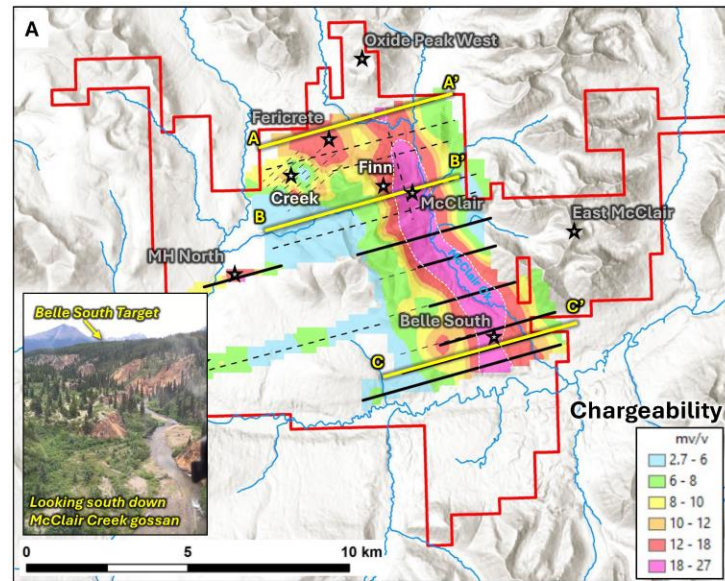
- 35.7 m of 7.26 g/t Au, 94 g/t Ag inc. 1.0 m of 215.4 g/t Au, 308 g/t Ag (JD95-047²)
- 45.0 m of 3.02 g/t Au, 143 g/t Ag inc. 5.0 m of 8.18 g/t Au, 918 g/t Ag (JD95-076²)
- 20.85 m of 8.76 g/t Au, 68 g/t Ag inc. 11.0 m of 15.1 g/t Au, 108 g/t Ag (JD95-097²)
- 22.0 m of 6.32 g/t Au, 46 g/t Ag inc. 12.6 m of 10.8 g/t Au, 66 g/t Ag (JD12-003³)

JD Project: Untapped Porphyry Potential

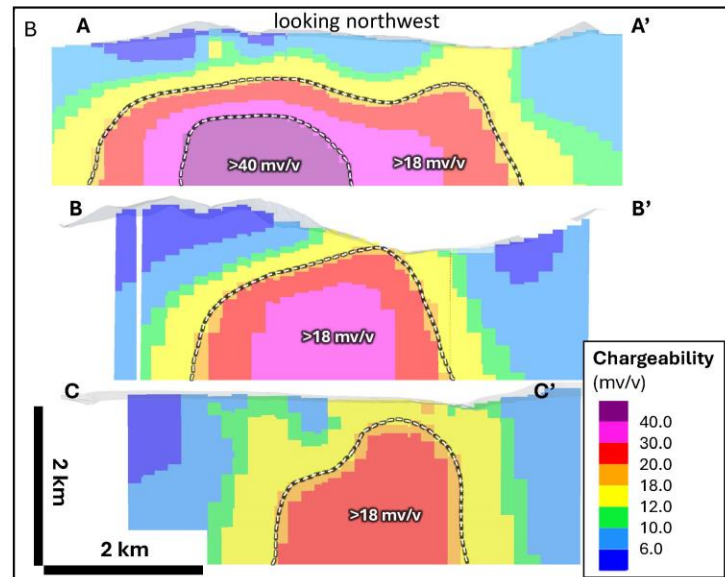
- 12 km trend of strong porphyry-related hydrothermal alteration
- Structurally and topographically below significant epithermal-related, gold-silver systems
- Strong prospectivity for porphyry-related copper-gold mineralization across the JD project
- JD Porphyry Trend represents similar regional geological setting as the AuRORA porphyry system by Amarc Resources and Freeport (14 km south)



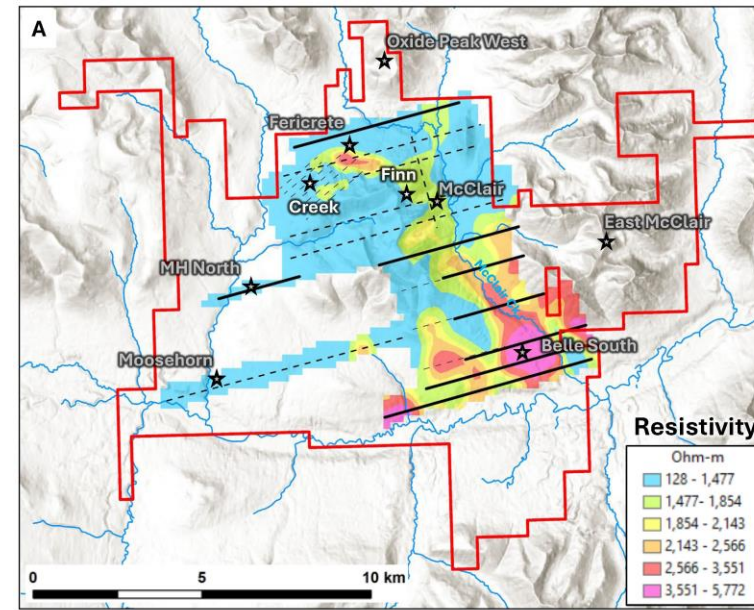
JD Project: Porphyry Trend



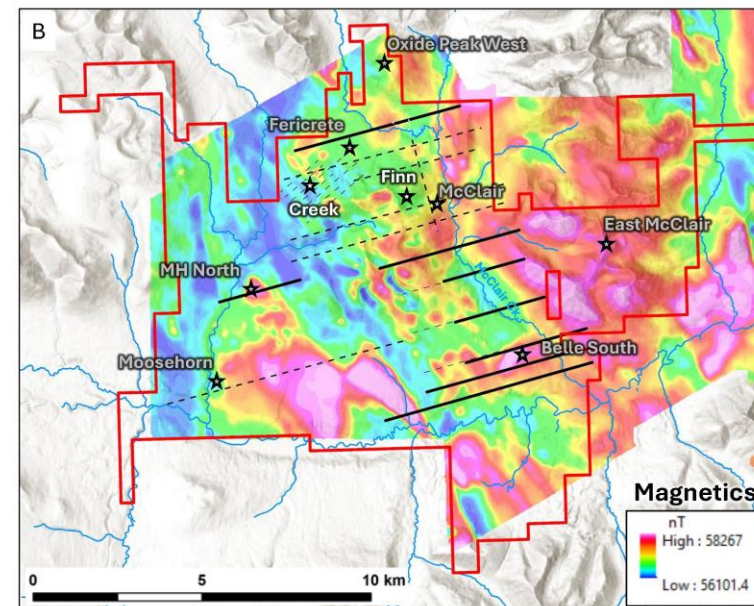
(A) Map of the JD Project showing the recently acquired and compiled IP data (400m depth slice through the chargeability model). New (black) and historical IP lines (dashed) shown. Key targets are highlighted. Inset photo is looking south down McClair Creek showing parts of the 10 km long McClair Creek gossan. The Belle South porphyry target is situated above the gossan on a till covered plateau, where the coincident high-chargeability and high-magnetic intensity is located.



(B) Sections through the chargeability 3D voxel model showing the strong-chargeability anomaly at Fericrete (A-A'), McClair (B-B') and Belle South (C-C') targets. Section lines shown in (A).



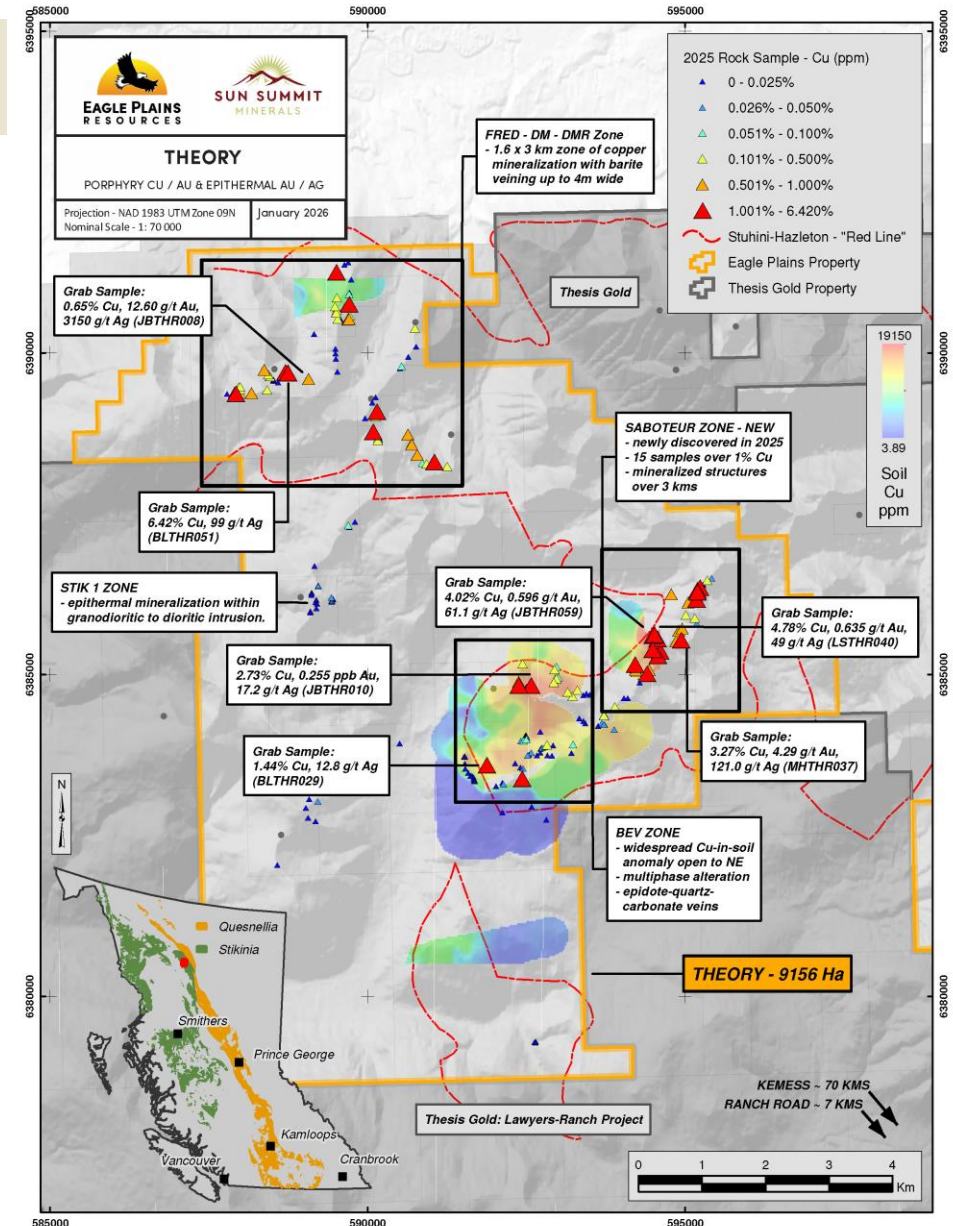
(A) Map of the JD Project showing the recently acquired and compiled IP data (400m depth slice through the resistivity model). New (black) and historical (dashed) IP lines shown.



(B) Map of the JD Project showing total magnetic intensity data acquired in 2021 overlain with IP lines and key target areas.

EARLY-STAGE COPPER-GOLD EXPLORATION IN THE TOODOGGONE

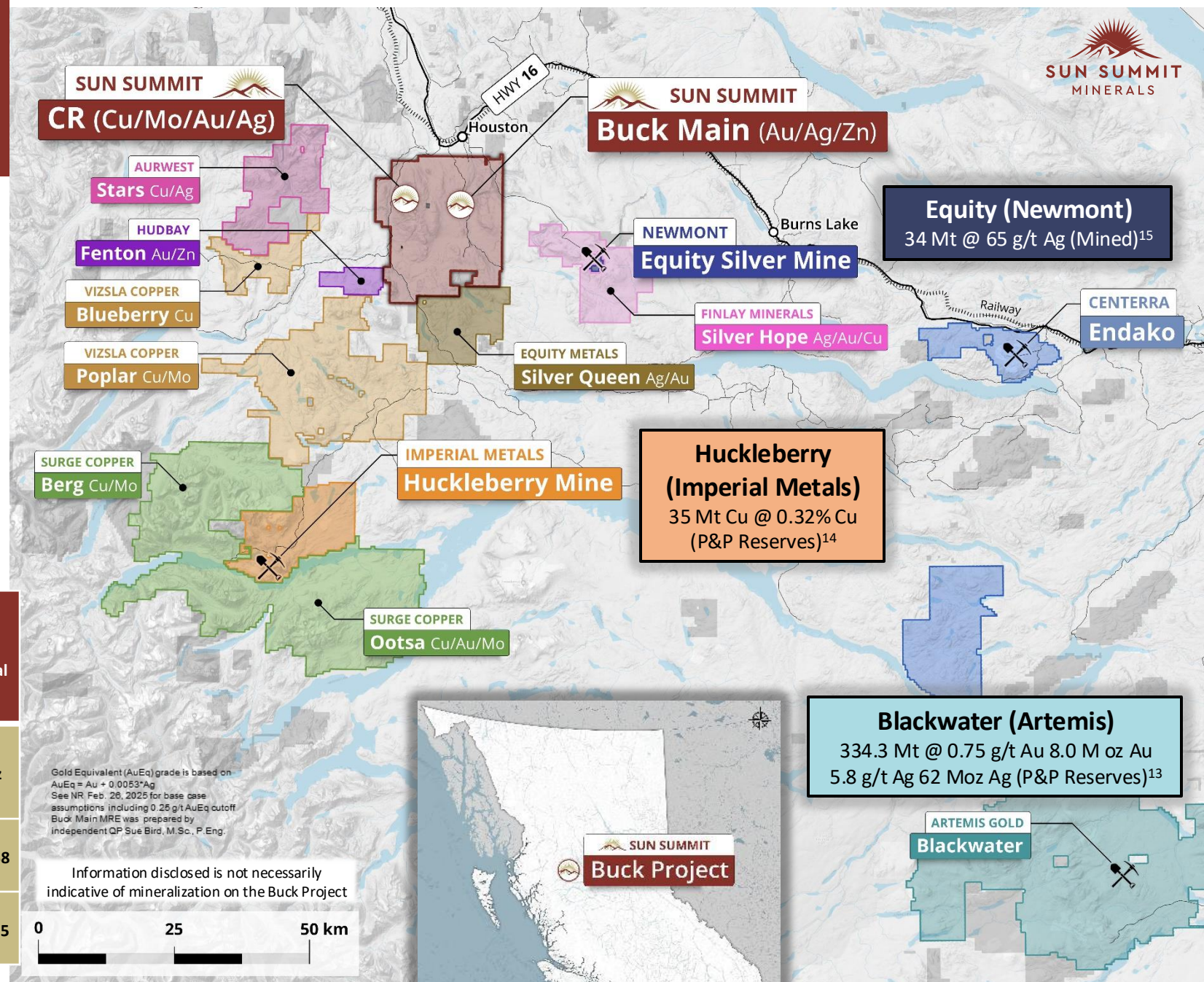
- 9,676 ha (23 claims) located 10 km northwest of the JD Project
- Similar geological setting to Thesis Gold's Lawyers-Ranch Project
- 2025 fly-camp program identified three zones of high-grade copper-gold-silver mineralization
 - **Saboteur Zone** (newly discovered): 3 km trend of outcropping copper mineralization; up to **4.78% Cu, 0.635 g/t Au, 49 g/t Ag**
 - **Fred-DM-DMR Zone**: 1.6 km x 3 km area; up to **6.42% Cu** and **12.6 g/t Au**
 - **BEV Zone**: Broad copper-in-soil anomaly open in multiple directions; potential indicator of a buried porphyry system
- ~\$750K exploration program planned for 2026, including geophysics and target definition, aimed at advancing Theory toward drill-ready status



Buck Project: District Scale Potential



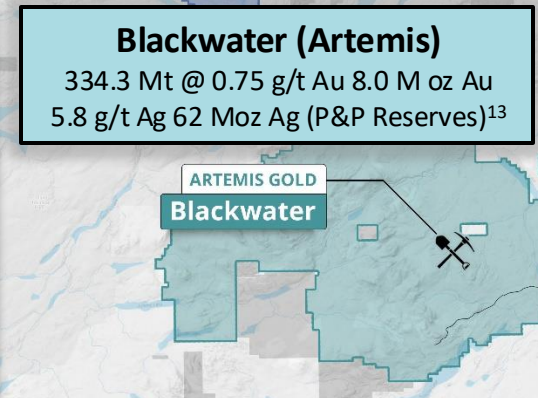
- 100% owned, 52,000 ha/520 km² property, in mining friendly jurisdiction, with year-round access.
- Emerging mineralized belt near operating mines, with existing infrastructure:
 - Equity Silver Mine (Newmont)
 - Huckleberry Copper Mine (Imperial Metals)
 - Blackwater Gold Mine (Artemis Gold)
- Initial mineral resource estimate:**



Class	AuEq Cutoff	In Situ Tonnage and Grade				AuEq Metal	Au Metal	Ag Metal
		Tonnage	AuEq	Au	Ag			
	gpt	k tonnes	gpt	gpt	gpt	k Oz	k Oz	k Oz
Indicated	0.25	1,148	0.519	0.496	4.3	19.1	18.3	158
Inferred	0.25	52,224	0.489	0.462	5.0	820.4	775.5	8,435

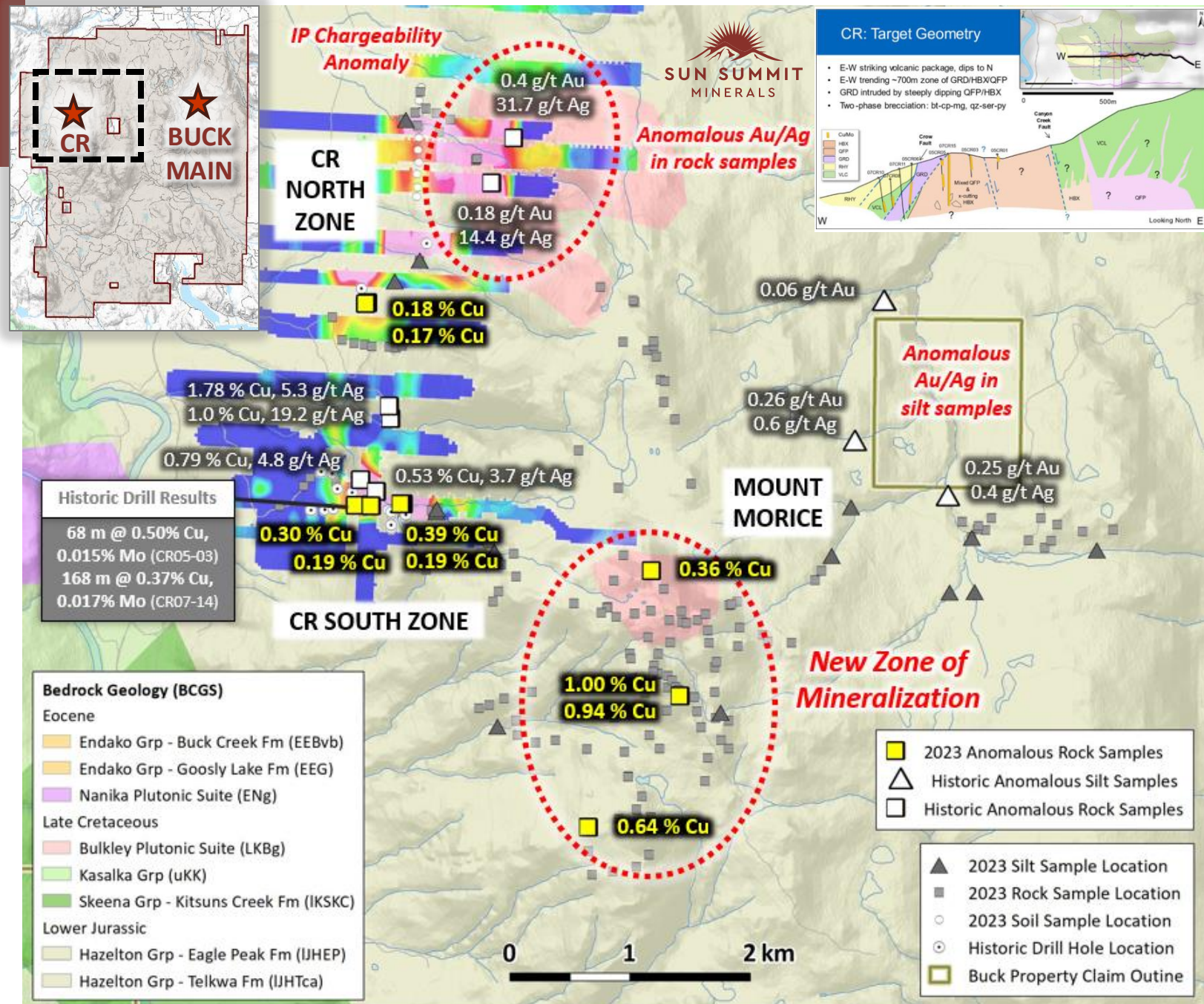
Gold Equivalent (AuEq) grade is based on AuEq = Au + 0.0053*Ag
 See NR Feb. 26, 2025 for base case assumptions including 0.25 g/t AuEq cutoff
 Buck Main MRE was prepared by independent QP Sue Bird, M.Sc., P.Eng.

Information disclosed is not necessarily indicative of mineralization on the Buck Project



Buck Project CR Porphyry Cu-Mo-Au-Ag

- Significant porphyry discovery potential at the CR Zone and the wider Mt. Morice area
- Cu-Mo porphyry-style mineralization at CR South Zone; historical drill highlights include:
 - 168 m at 0.37% Cu, 0.017% Mo (CR-07-14)
 - 68 m at 0.50% Cu, 0.015% Mo (CR05-03)
 - 105 m at 0.35% Cu, 0.024% Mo, ending in 0.50% Cu (CR07-15)
- New zone of strong porphyry-related mineralization identified from rock samples SE of CR South:
 - 1.00% Cu and 3.2 g/t Ag
 - 0.94% Cu and 4.1 g/t Ag
- Historical IP is too widely spaced; CR South target is only tested by one good IP line
- New IP survey required to extend survey coverage west and east and infill
- Historical mapping shows Cu-sulphide mineralization extending east beyond IP charge feature
- Fully permitted and bonded to drill test at depth and along strike of historical drilling at CR South



Drill intervals highlighted are downhole core lengths. True widths are unknown.

Sun Summit Minerals: Management & Directors

Brian Lock | *Executive Chairman*

Over 40 years of experience in the mining industry. Prior positions include Director, Executive VP, President and CEO of several public mining companies including Castle Peak Mining and Scorpio Gold Corp.

Niel Marotta | *Chief Executive Officer & Director*

Experienced executive with a background in investment management, capital markets, corporate finance, and entrepreneurship. Former top-performing fund manager at Fidelity Management and Research (FMRCo.), overseeing over \$1 billion, including the Fidelity Select Gold Portfolio. Previously Director and Officer of mining PubCos, including VP of Orezone Resources, playing a key role in its \$350 million acquisition by lamgold. Has led financings and M&A transactions exceeding \$1 billion.

Ken MacDonald, P.Geo. | *Vice President of Exploration*

Registered professional geologist with over 30 years of experience in the mining sector. Prior roles include exploration geologist and senior permitting official with the BC Mines Branch. Responsible for design and implementation of exploration programs from grassroots to advanced drill definition.

Christopher Leslie, Ph.D., M.Sc., P.Geo. | *Technical Advisor*

Economic geologist with 15 years of experience in project generation, project evaluation and district-scale targeting in porphyry to epithermal environments. Former Vice President Exploration for Tower Resources (JD Project) and Senior Project Geologist for Richfield Ventures (discovery of Blackwater Gold Mine).

Robert D. Willis, B.Sc., P.Eng. (ret.) | *Senior Advisor*

Geological engineer with over 35 years of experience in the mining industry. Acquired and managed the development of projects through discovery, expansion, development and production. Founder of Geologix Resources, Manhattan Minerals, and Pioneer Metals.

Terry Salman, C.C. | *Strategic Advisor*

Andrew Carstensen, P.Geo. | *Director*

Craig B. Prenter, CGA, CPA | *Director*

Purni Parikh | *Director*

Waseem Javed, CPA, CA | *CFO*

Christine Warner | *Communications*

Catherine Cox | *Corporate Secretary*



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Corporate Office
1100 - 1111 Melville Street
Vancouver, BC V6C 3B2 Canada

Niel Marotta
CEO & Director

info@sunsummitminerals.com

52 week high/low	\$0.26/\$0.07
Market Capitalization	\$52 Million CAD
Avg. Daily Volume (TSX-v)	1.5 Million shares
Outstanding Shares (million)	317.5
Warrants** (million)	126.4
Options + RSUs (million)	20.2
Fully Diluted (million)	464.1

~3.1M warrants expiring July 24, 2026 (\$0.25)

~253k warrants expiring July 24, 2026 (\$0.18/\$0.21)

~7.3M warrants expiring December 20, 2026 (\$0.145)

~107.6M warrants expiring May 30, 2027 (\$0.11) *Warrants listed on TSX Feb 27, 2026*

~5.3M warrants expiring December 20, 2027 (\$0.13)

~2.9M warrants expiring December 23, 2027 (\$0.14)

** Approximately \$14 million of warrants in the money.

Weighted Average exercise price of 11.5c

JD Project

Exploration expenditure requirement: Total of \$22.5 million by December 2029

Expenditures to date:

- \$2.5 million in 2024 (completed)
- \$7.5 million in 2025 (completed)
- \$10.0 million planned for 2026

JD Project Payment and Requirements to Earn 100% Interest (Anniversary-Based Earn-In Commitments)

Anniversary	Date	Cash Payment	Share Issuance	Exploration Expenditure	Status
First	Dec 2025	\$200,000	1,000,000 shares	\$2.5 million	Complete
Second	Dec 2025	\$200,000	1,000,000 shares	\$3.0 million	Complete
Third	Dec 2026	\$200,000	1,000,000 shares	\$3.5 million	Complete
Fourth	Dec 2027	\$200,000	1,000,000 shares	\$4.0 million	Funded
Fifth	Dec 2028	\$200,000	1,000,000 shares	\$4.5 million	Funded
Sixth	Dec 2029	—	1,000,000 shares	\$5.0 million	50% Funded

REFERENCES:

1. Krause, R.G. (1995), 1994 Geological and Geochemical Report on the JD Gold Silver Property, Toodoggone River Area, Omineca Mining Division, British Columbia, Assessment Report Indexing System, Report 23663, <https://apps.nrs.gov.bc.ca/pub/aris>. **Drillholes JD94-01 to 32**
2. Krause, R.G. (1996), 1995 Geological Report on the JD Gold Silver Property, Toodoggone River Area, Omineca Mining Division, British Columbia, Assessment Report Indexing System, Report 24284, <https://apps.nrs.gov.bc.ca/pub/aris>. **Drillholes JD95-33 to 132**
3. Hawkins, P.A. (1998), 1997 Exploration Report on the Creek Zone for Antares Mining and Exploration Corporation and AGC Americas Gold Corporation, JD Property, Toodoggone River Area, Omineca Mining Division, Internal Report #98-065-1. **Drillholes CZ97-01 to CZ97-08**
4. Davis, J.W., and Jamieson, M.D. (1998), Drilling and Geophysical Report on the M.H. Mineral Claim Group, Toodoggone District, Assessment Report Indexing System, Report 25757, <https://apps.nrs.gov.bc.ca/pub/aris>. **Drillholes CZ98-09 to CZ98-15**
5. McBride, S. (2013), 2012 Geological, geochemical and diamond drilling report on the JD Property, Assessment Report Indexing System, Report 33556, <https://apps.nrs.gov.bc.ca/pub/aris>. **Drillholes JD12-01 to 18, rock and soil samples 1710212 to 1716000**
6. McBride, S. and Leslie, C. (2014), 2013 Geological, geophysical and diamond drilling report on the JD Property, Assessment Report Indexing System, Report 34762, <https://apps.nrs.gov.bc.ca/pub/aris>. **Drillholes JD13-19 to 28, rock samples 1709401 to 1709477**
7. Caira, N., and Hutchings, T. (1989), JD Property Trench Logs – 1988 (To Accompany 1988 Assessment Report on the JD Property by Energex Minerals Ltd.), Assessment Report Indexing System, Report 18105, <https://apps.nrs.gov.bc.ca/pub/aris>. **1988 Trenches**
8. Morrice, M.G. (1984), 1983 Final Report on the JD Claims Situated Near Moosehorn Creek in the Omineca Mining Division, Project 04, Kidd Creek Mines Ltd., Internal Report. **1983 Trenches**
9. Ranch and Lawyers: Thesis Gold Inc. (<https://thesisgold.com>) and NI 43-101
10. Shasta and Baker: TDG Gold Corp. (<https://tdggold.com>) and NI 43-101
11. Kemess North UG: Centerra Gold 2022 Year-End Mineral R&R Summary (<https://www.centerragold.com>)
12. Kemess South Minfile Report, www.minfile.gov.bc.ca
13. Blackwater Mineral Reserve Statement, www.artemisgoldinc.com
14. Huckleberry Mineral Reserve Statement, www.imperialmetals.com
15. Equity Silver Minfile Report, www.minfile.gov.bc.ca