



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

Toodoggone, British Columbia, Canada

Q2 2026 | [SUNSUMITMINERALS.COM](https://www.sunsumitminerals.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.

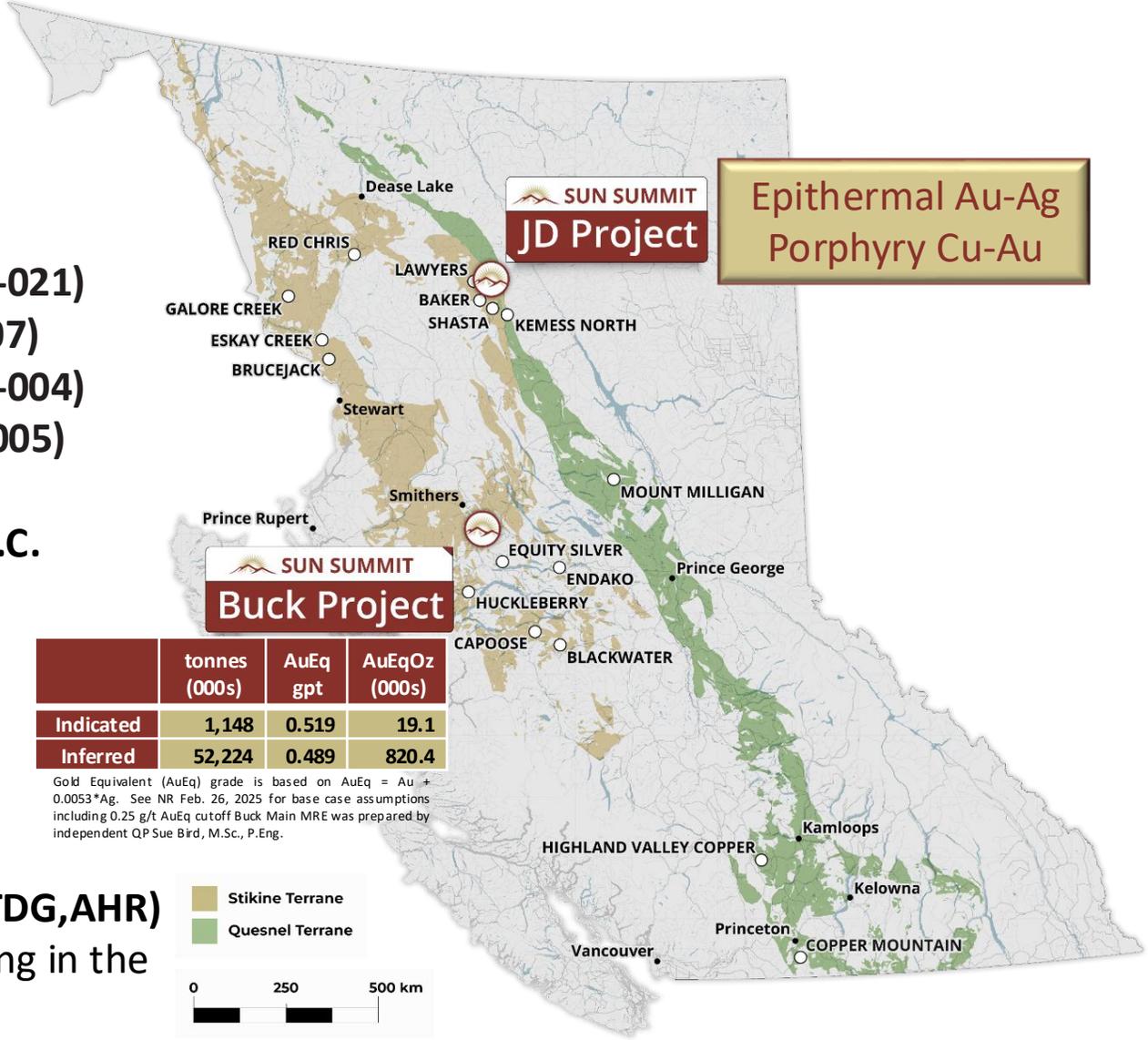
Unlocking Value from District Scale Gold-Copper Assets

- Fully funded for aggressive 2026 exploration program
 - 10,000 meter+ drill program planned
 - Initial MRE at JD expected by Q2 2027

- High-grade drill results:
 - 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: 25,000 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



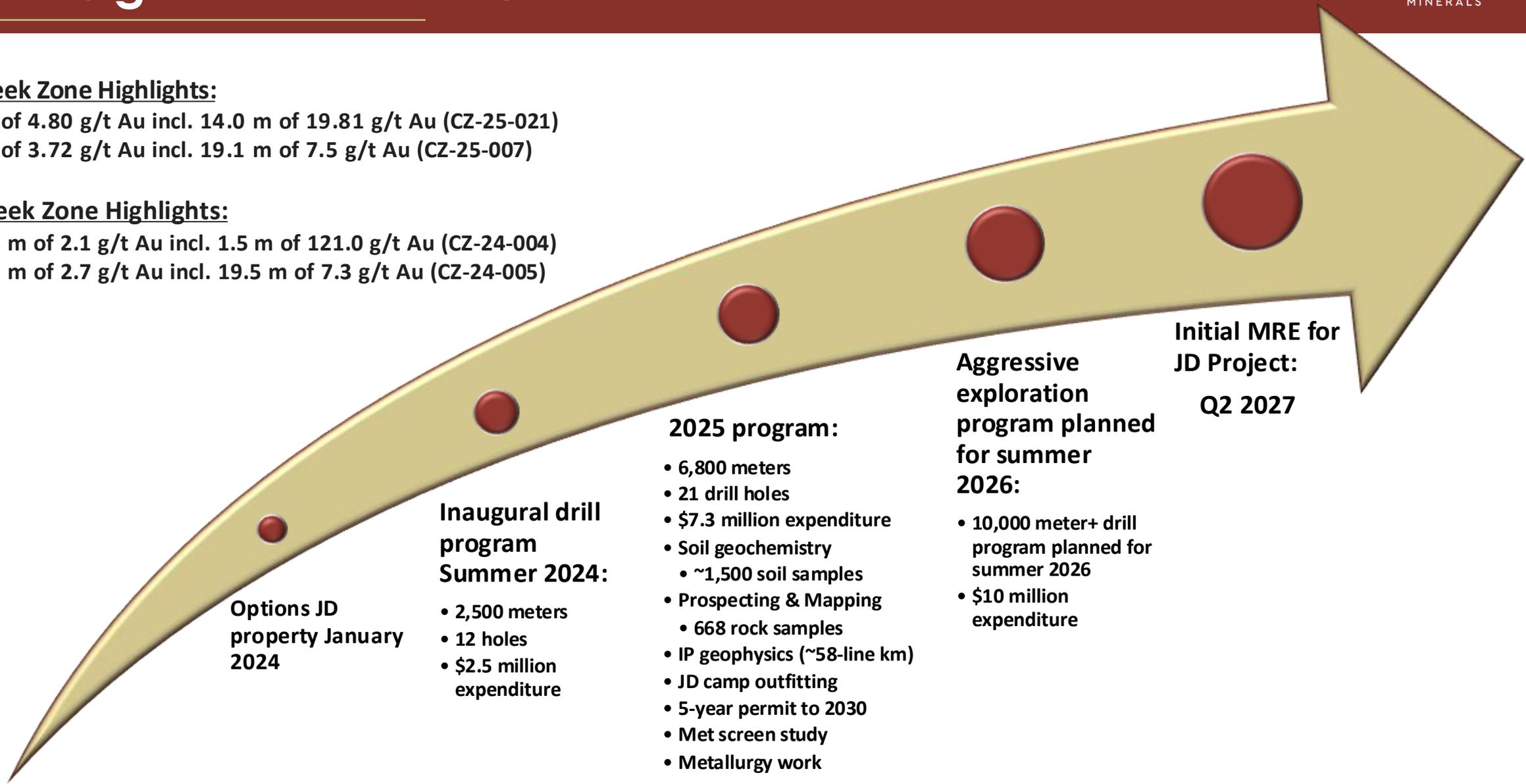
Path for Significant Value Creation

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

Initial MRE for
JD Project:
Q2 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) | \$42 mm | \$156 mm | \$205 mm | \$780 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> | \$203 | <i>nm</i> | \$200 | \$320 |

* 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

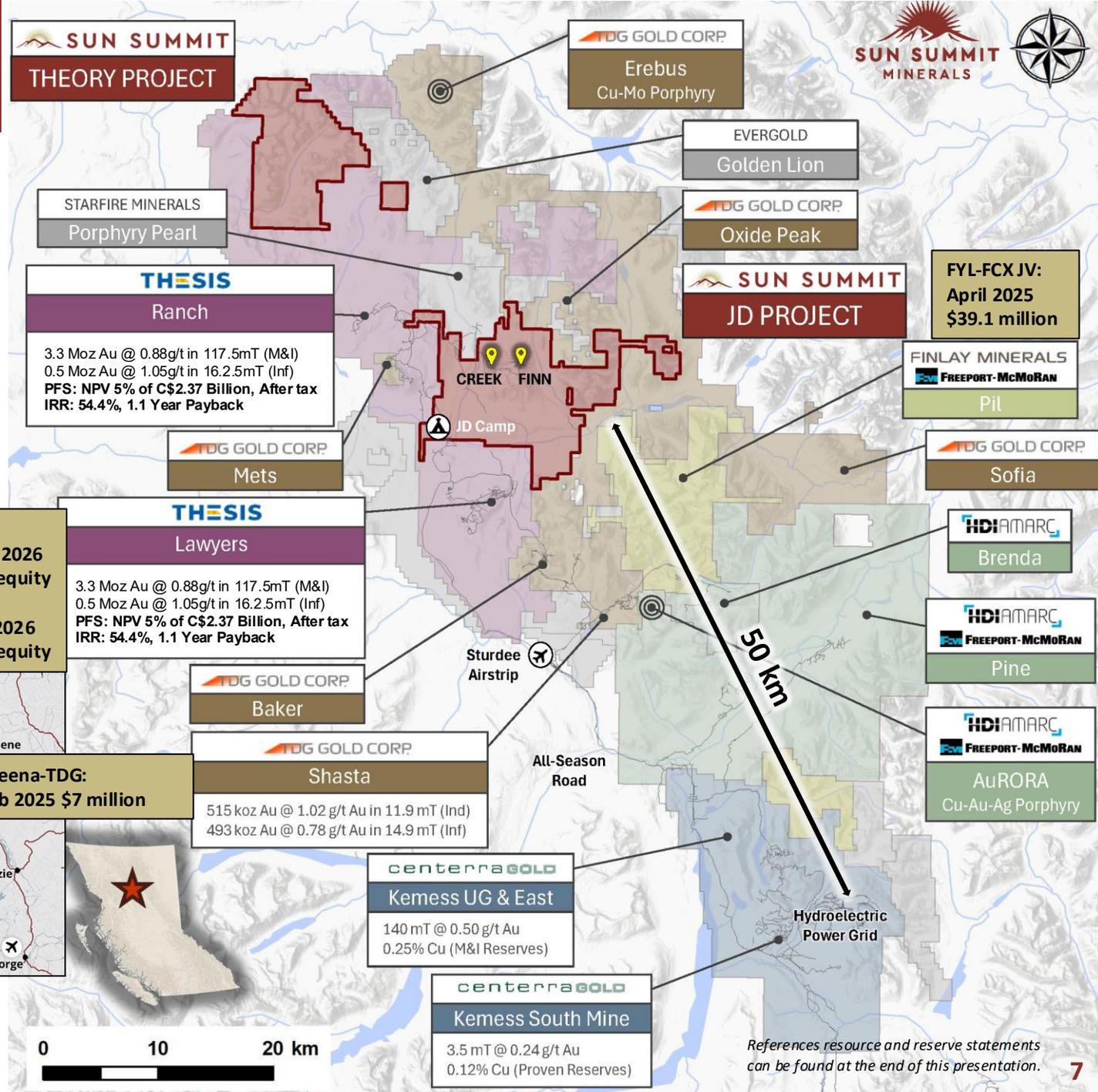
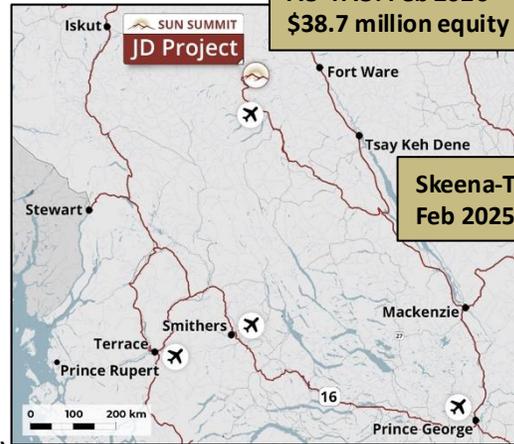


**SUN SUMMIT
JD Project**

JD-Theory: 25,000 ha

BC'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 E & 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)

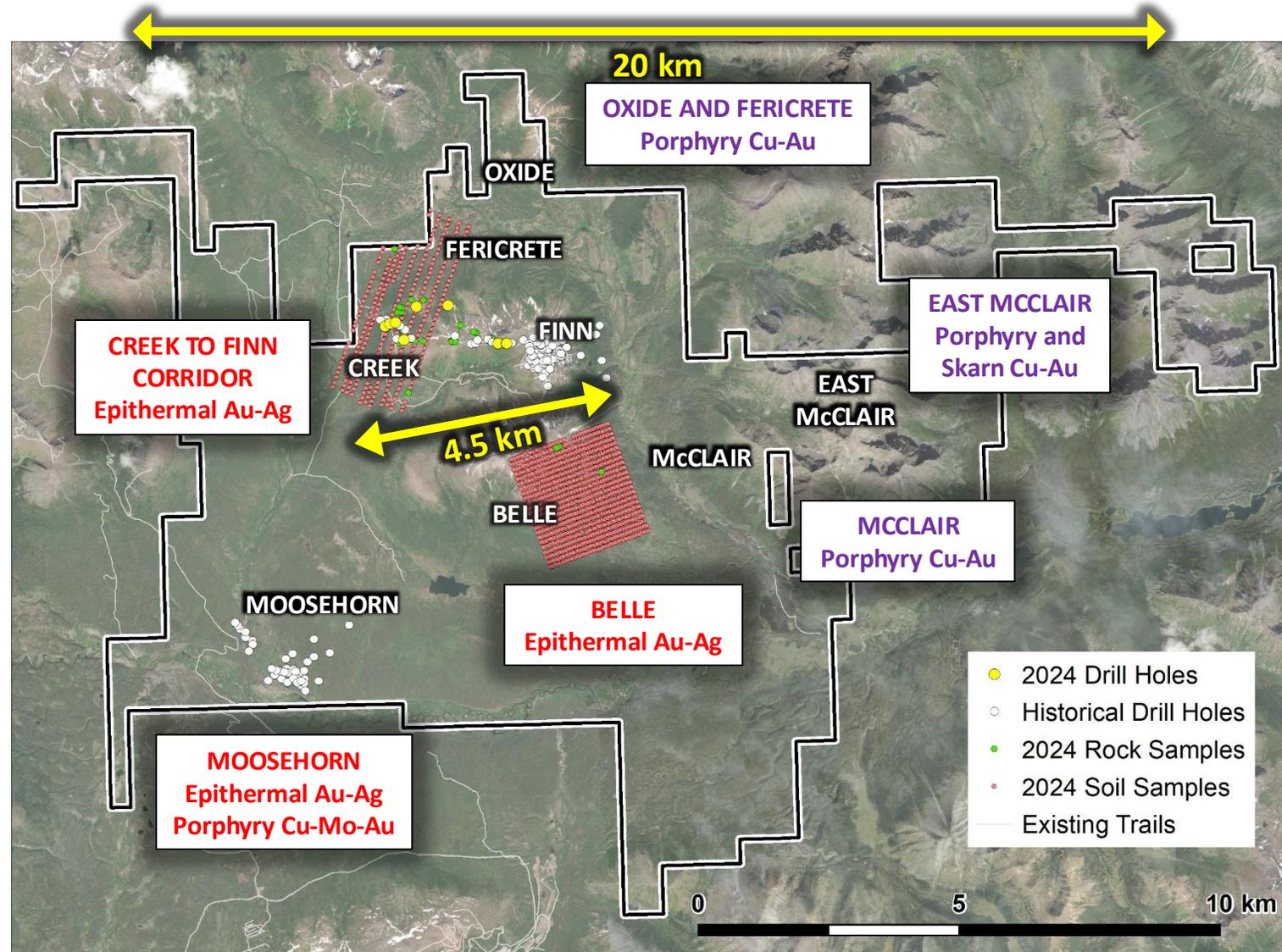


JD Project: Scale Potential

EPITHERMAL GOLD-SILVER AND
PORPHYRY COPPER-GOLD POTENTIAL



- Toodogone mineral belt is known for high-grade epithermal Au-Ag systems and large bulk-mineable porphyry Cu-Au systems
- JD historical data dates 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

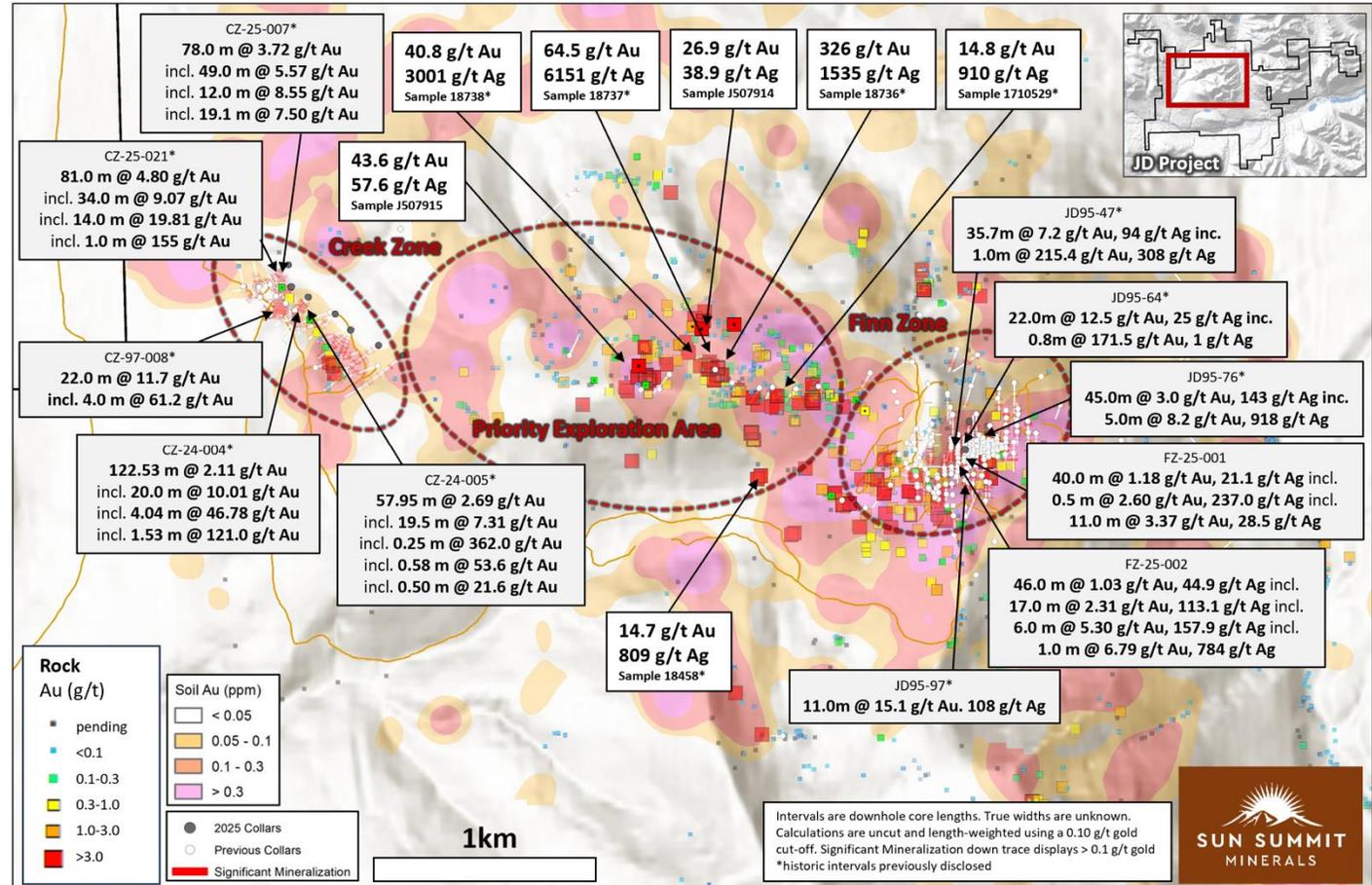
2026 Gold-Silver Focused Exploration Program:

- 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 Q2 2027:

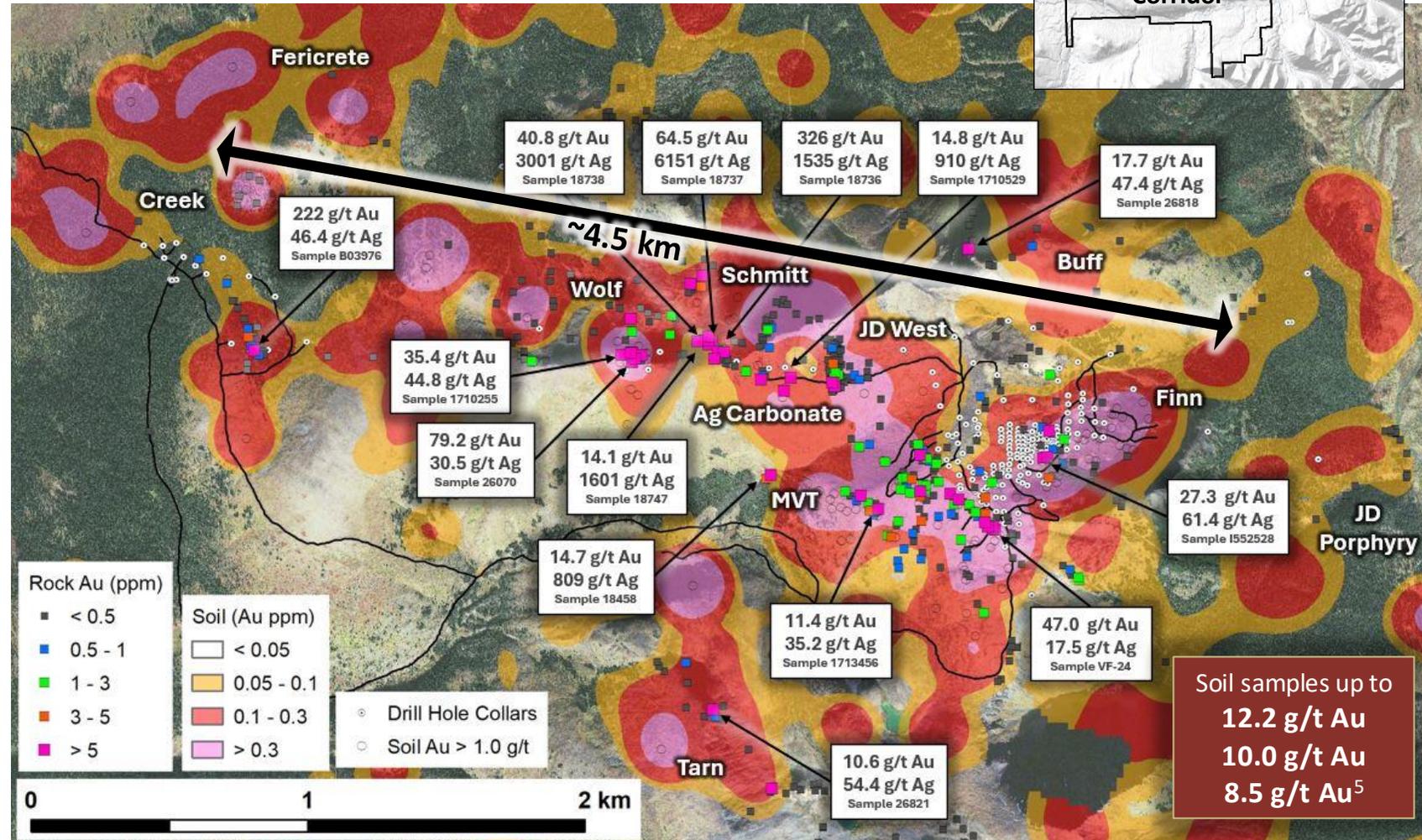
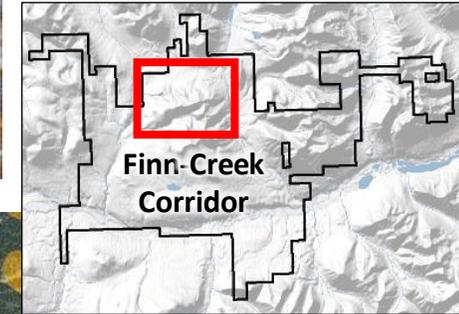
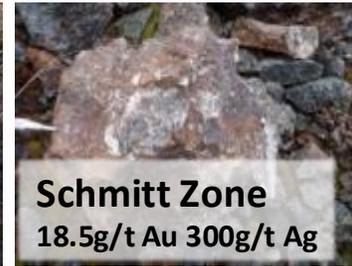
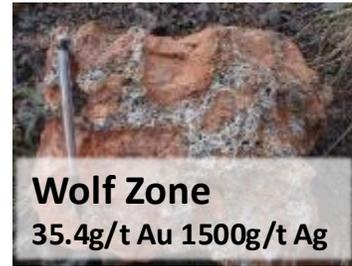
- Historical data compilation has defined multiple high priority targets
- 36,000+ meters of historic drilling at JD
 - Finn Zone, Creek Zone, Moosehorn, Wolf, JD West, Cirque, McClair
- Additional 9,400 meters drilled by SMN
 - Creek Zone, Finn Zone, AG Carb, Fericrete, Belle South
- 10,000+ meter drill 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 1.0 g/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

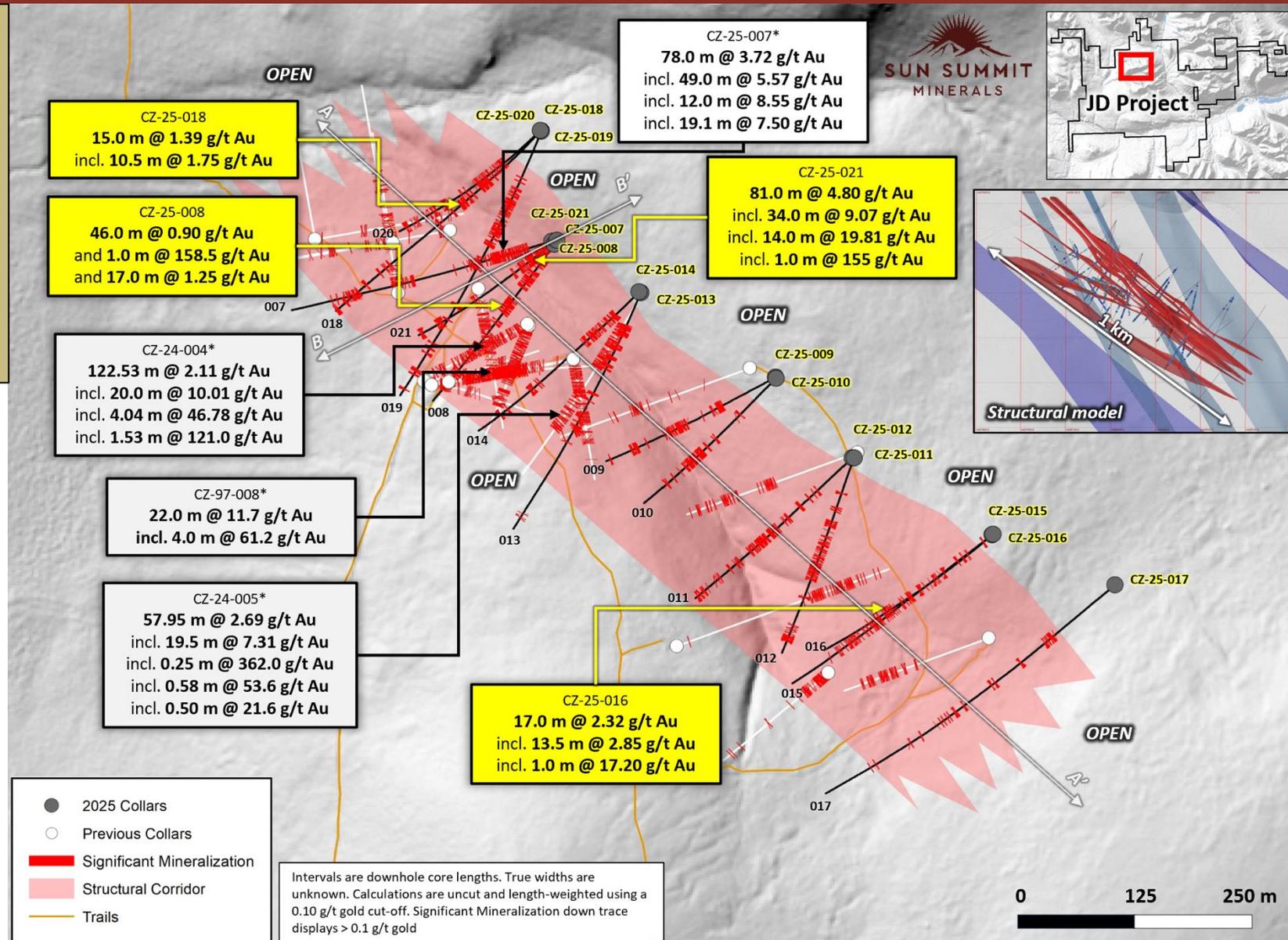
2025 CREEK ZONE RESULTS

CREEK ZONE (Hole CZ-25-021):

81 m @ 4.80 g/t Au

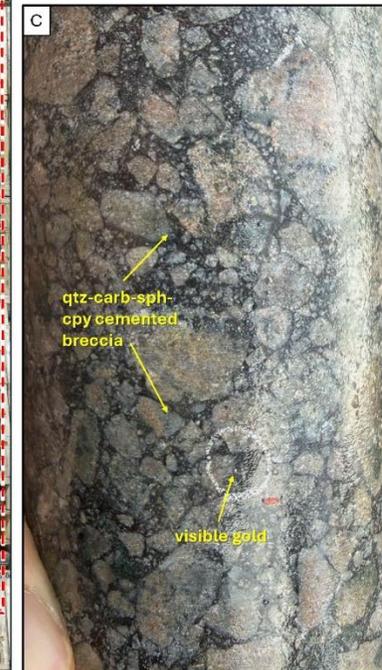
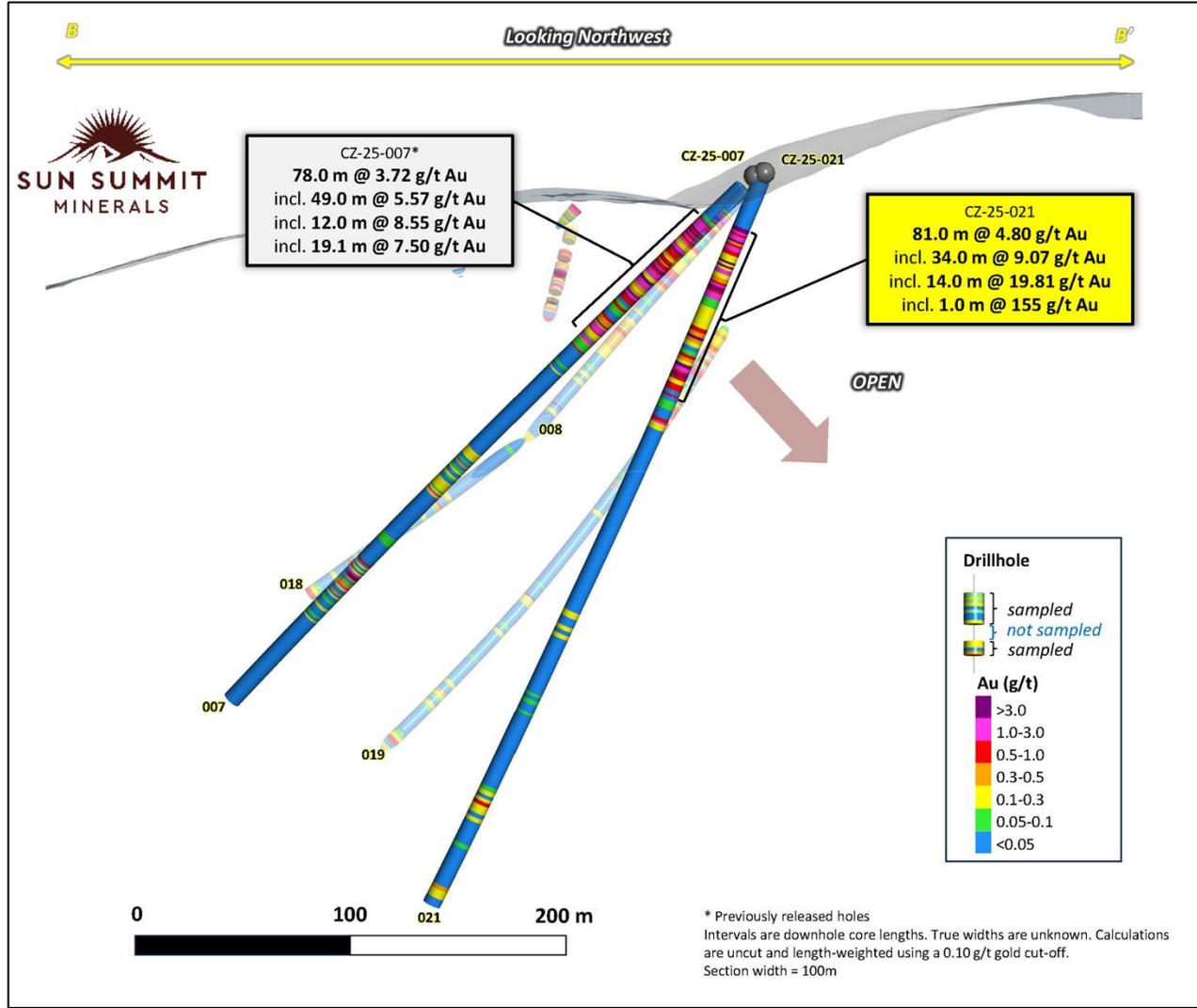
26 m downhole from surface

- 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



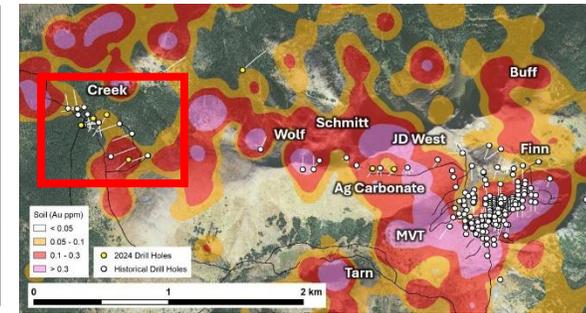
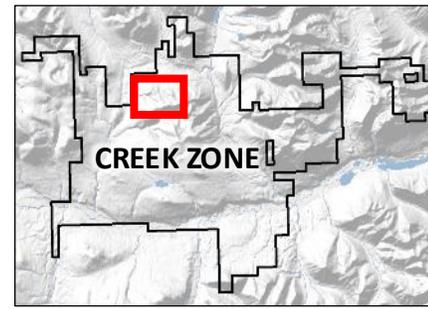
JD Project: Creek Zone Visible Gold in Core (Hole CR-25-021)

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



JD Project: Creek Zone

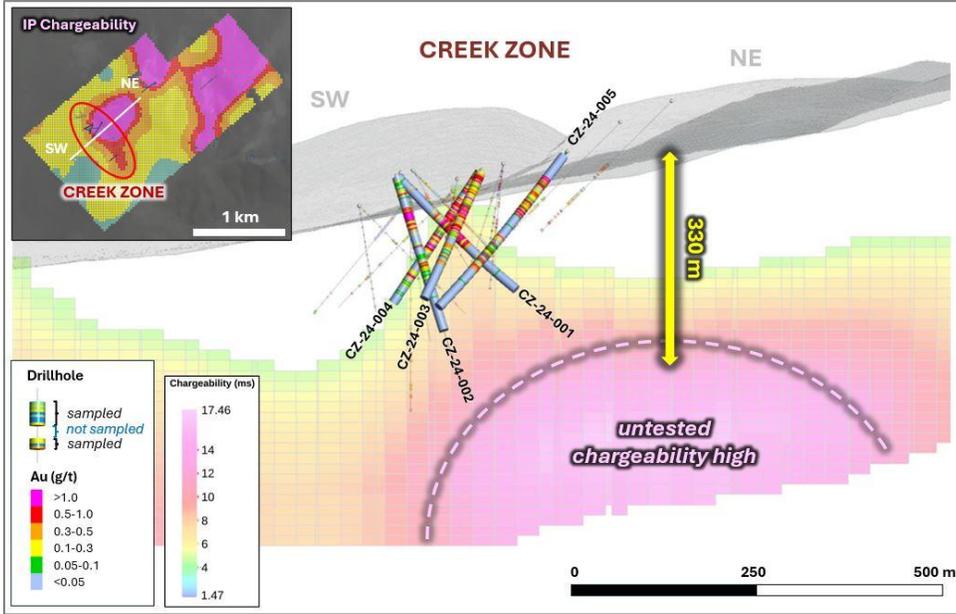
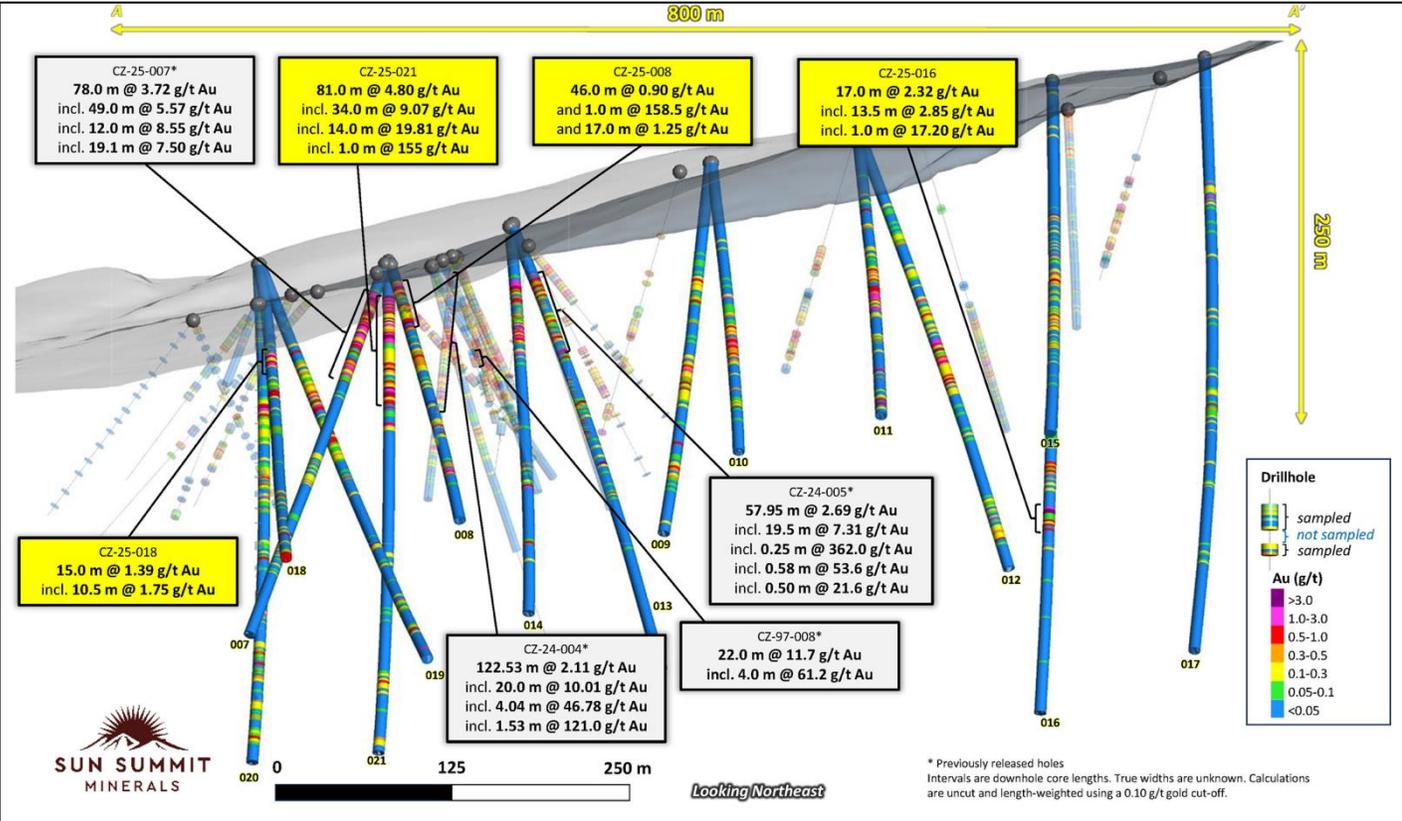
- IP geophysics confirmed chargeability and resistivity highs that require further testing
- Structural mapping to target high-grade veins sets



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

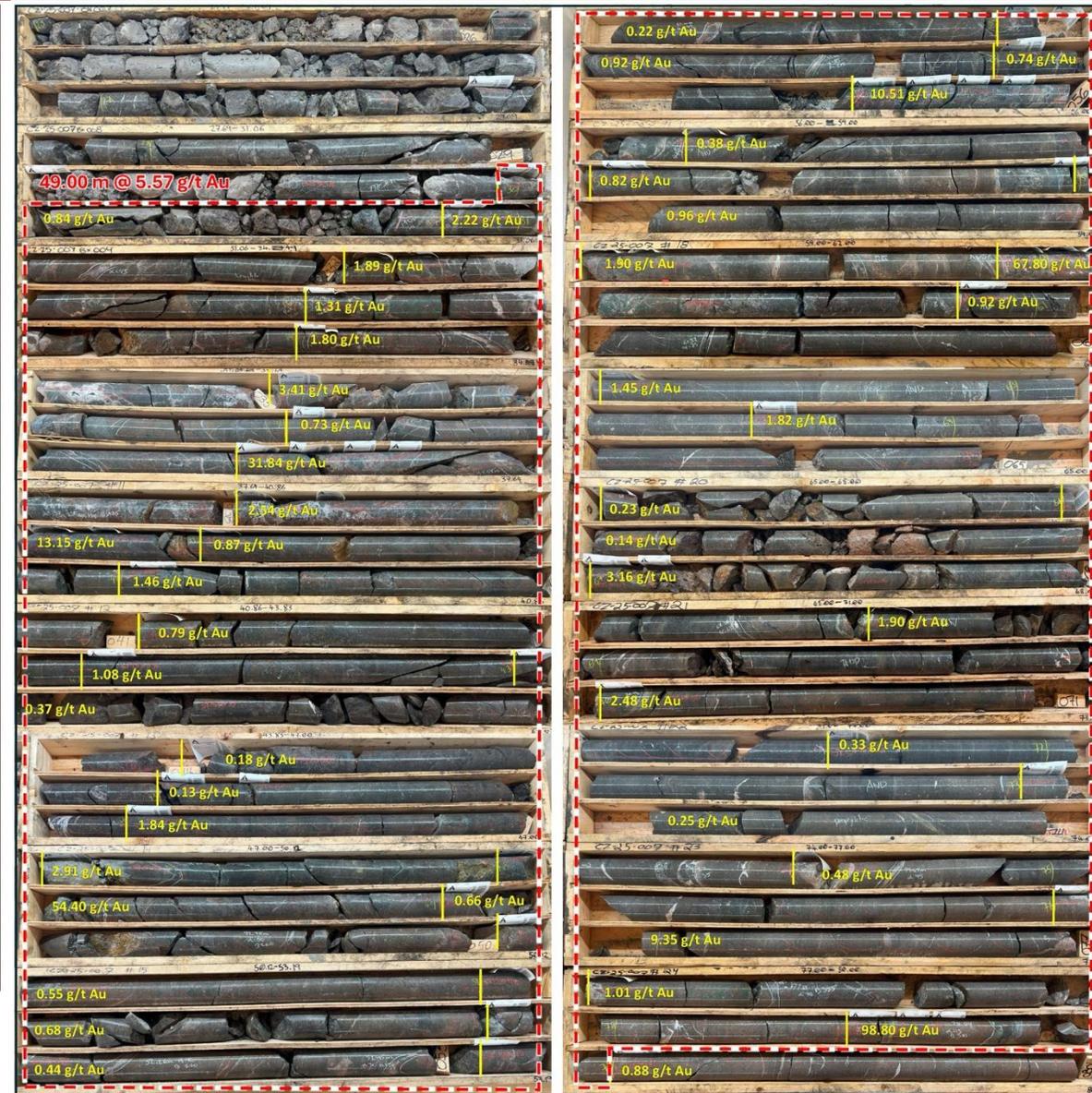
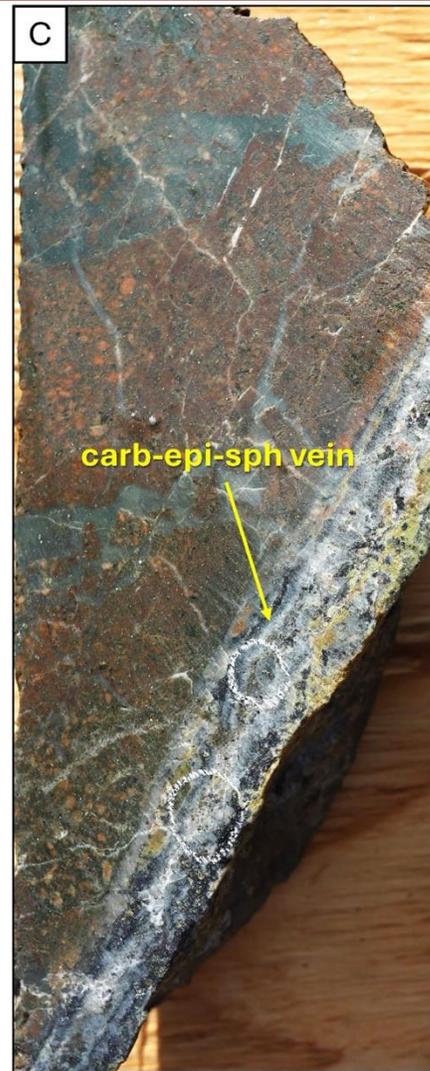
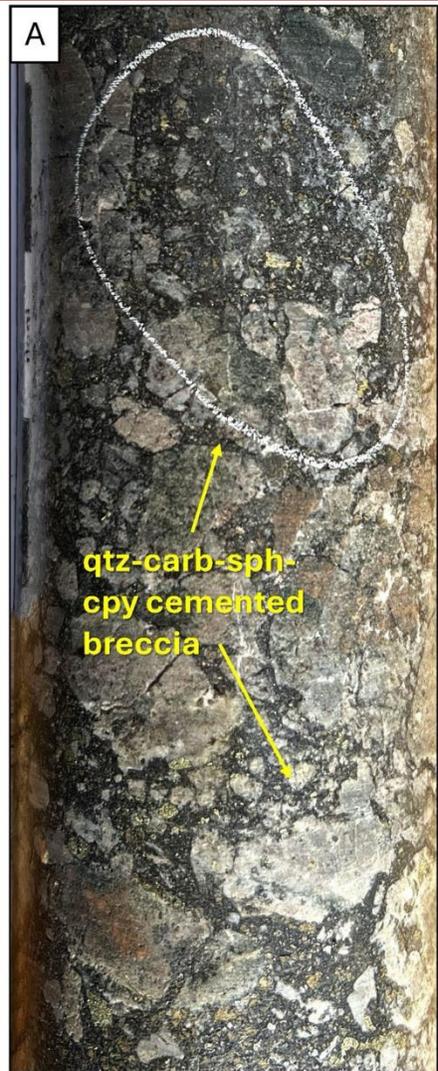
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 57.95 m of 2.7 g/t Au incl. 19.5 m of 7.3 g/t Au (CZ-24-005)
 22.0 m of 11.7 g/t Au incl. 4.0 m of 61.2 g/t Au (CZ97-008)

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

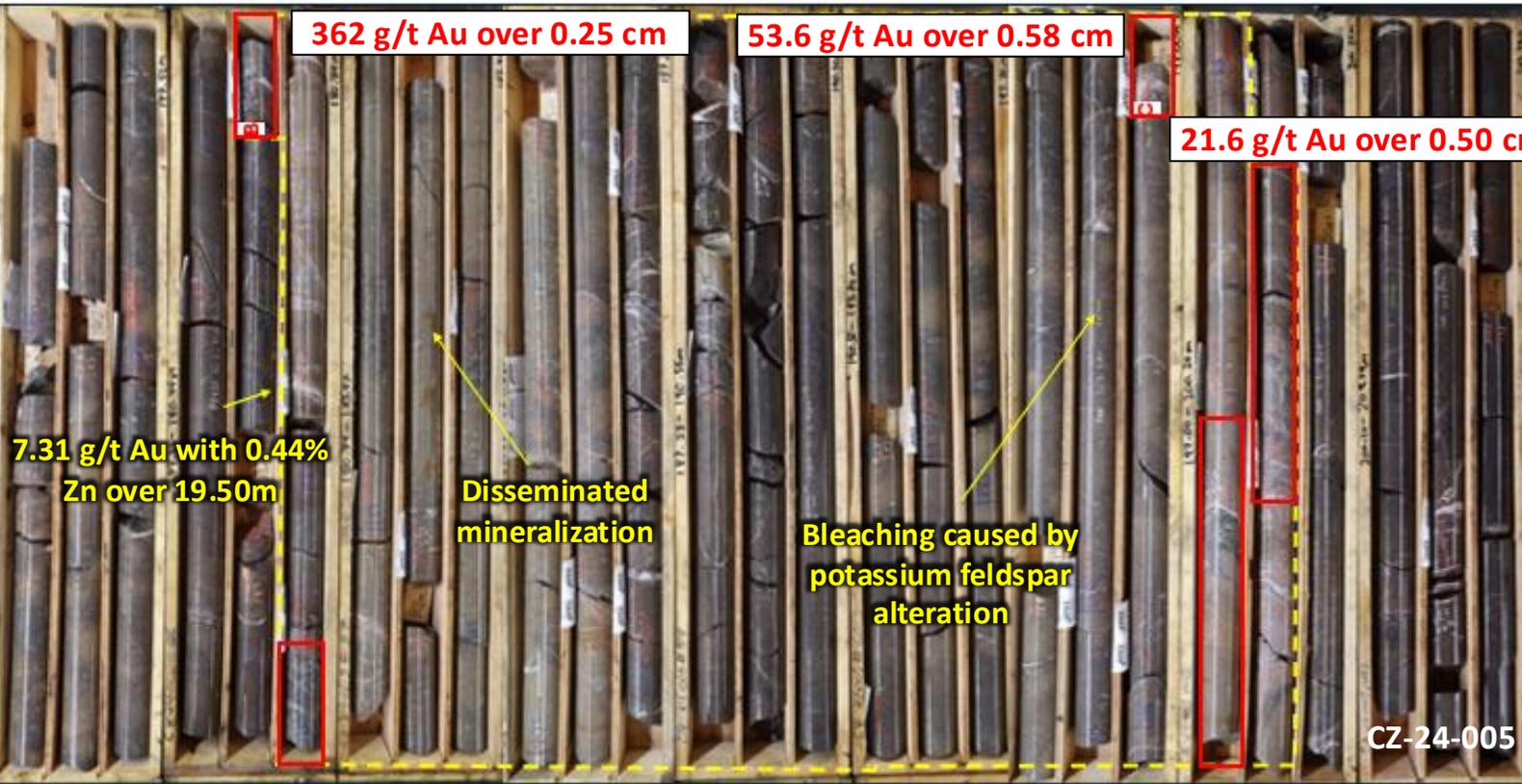


* Previously released holes
 Intervals are downhole core lengths. True widths are unknown. Calculations are uncut and length-weighted using a 0.10 g/t gold cut-off.

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

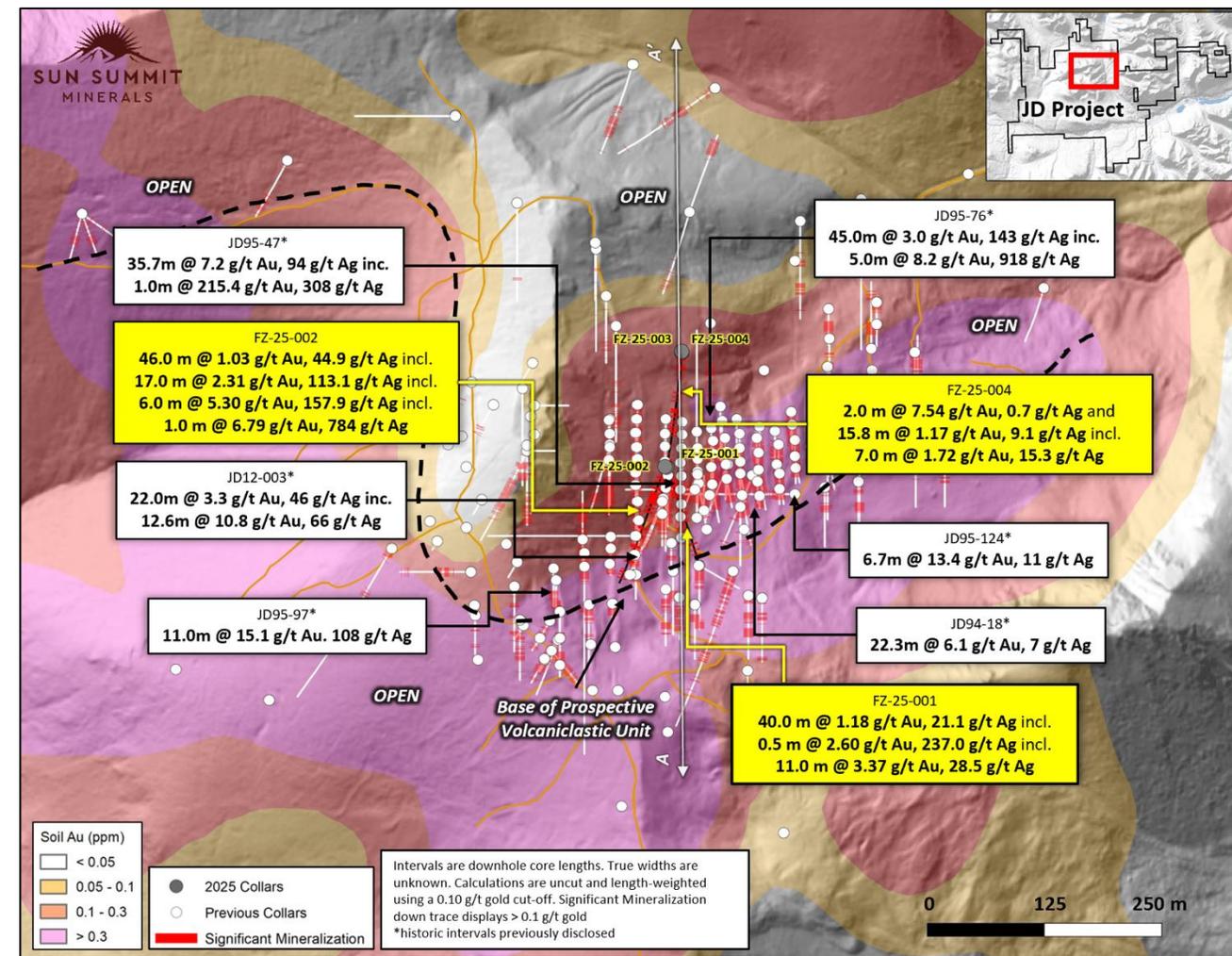
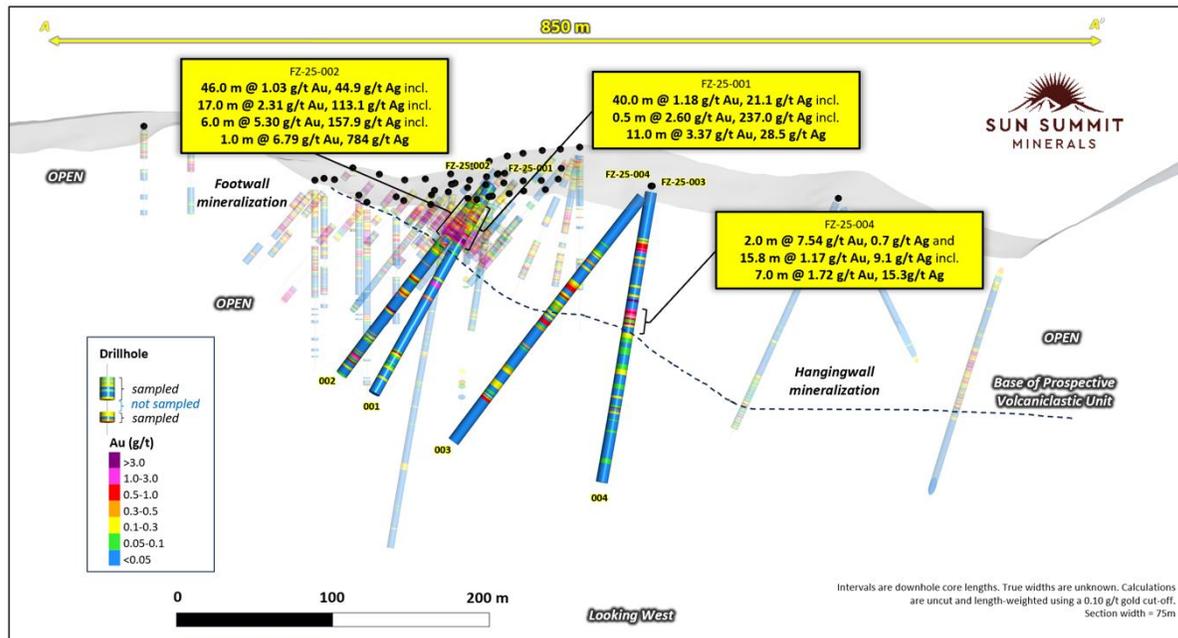


JD Project: Creek Zone (2024)



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)

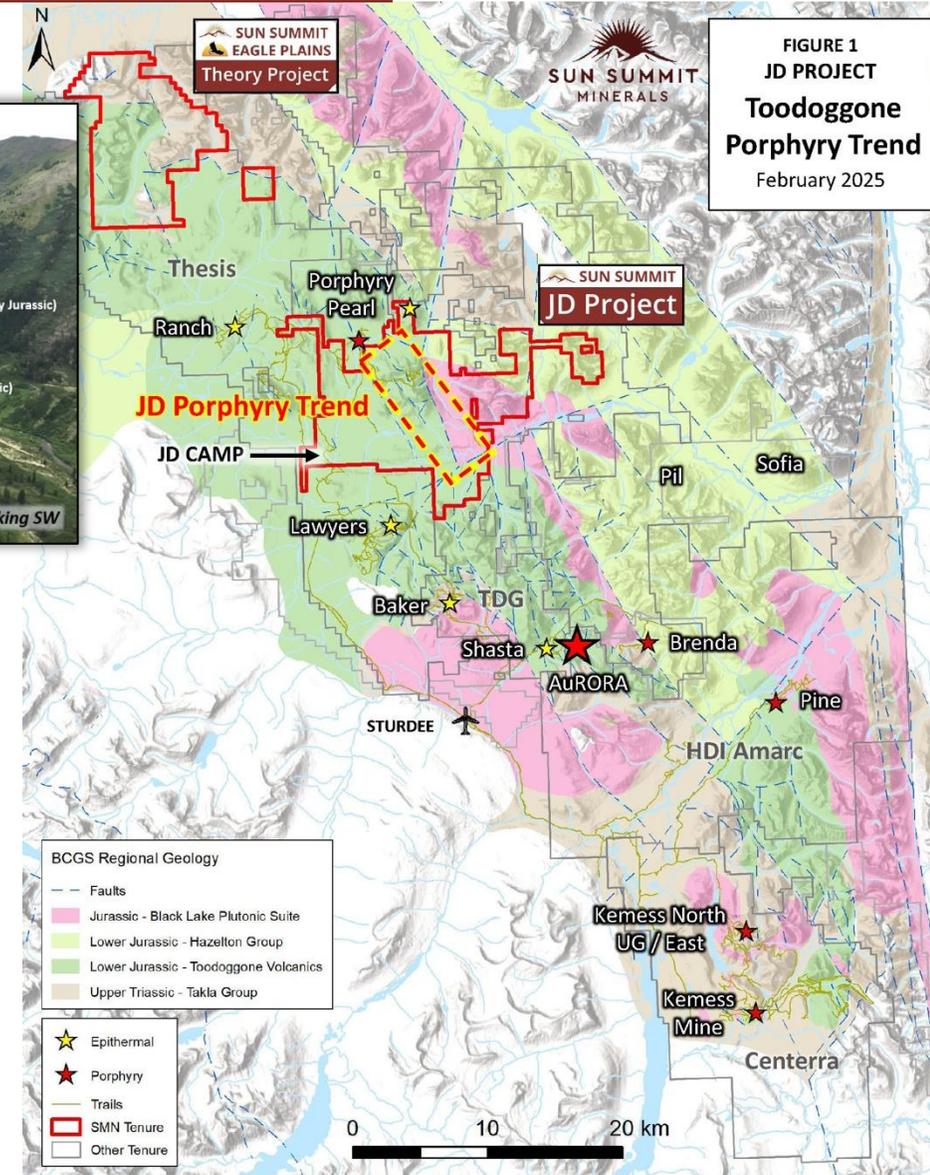
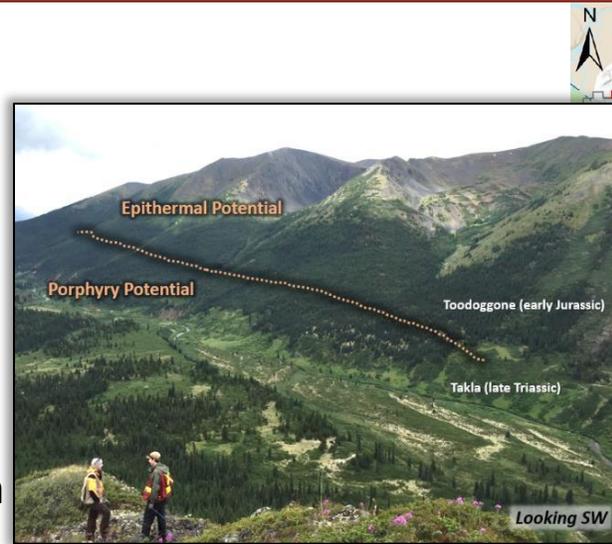


FIGURE 1
JD PROJECT
Toodoggone
Porphyry Trend
February 2025

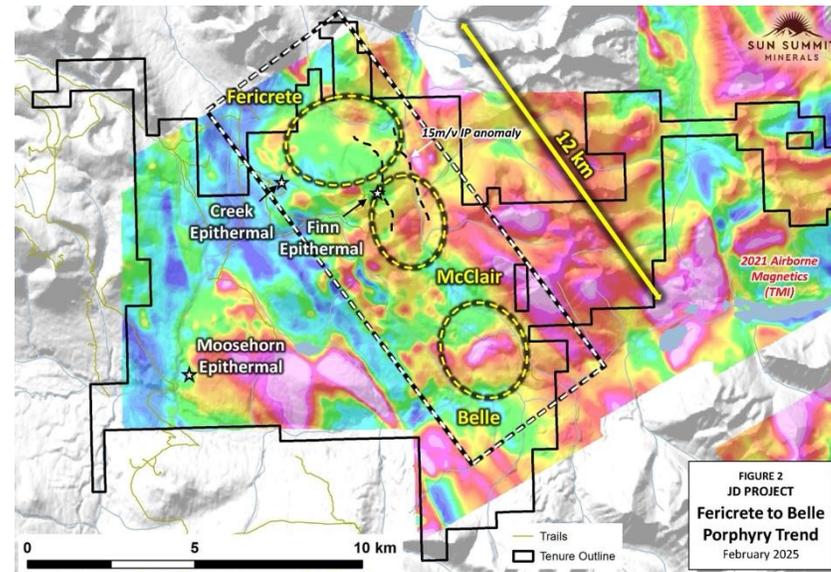
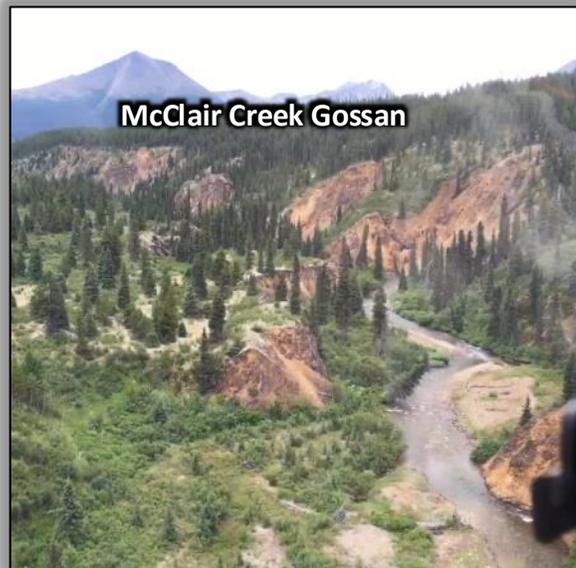
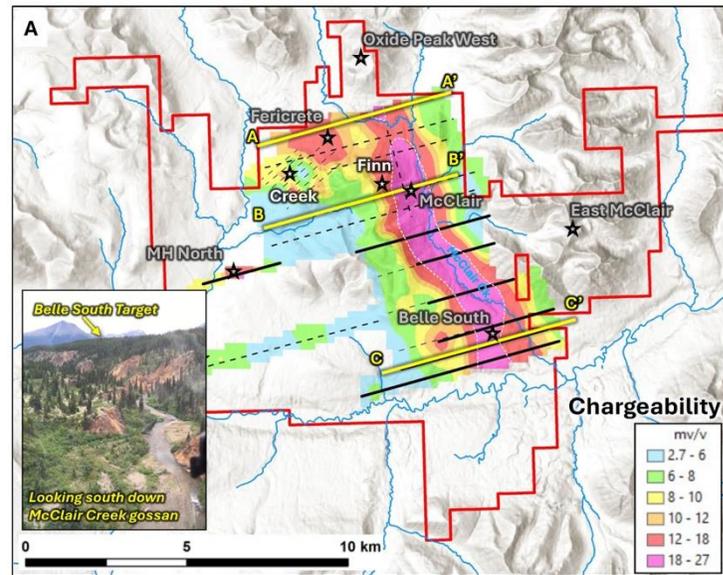
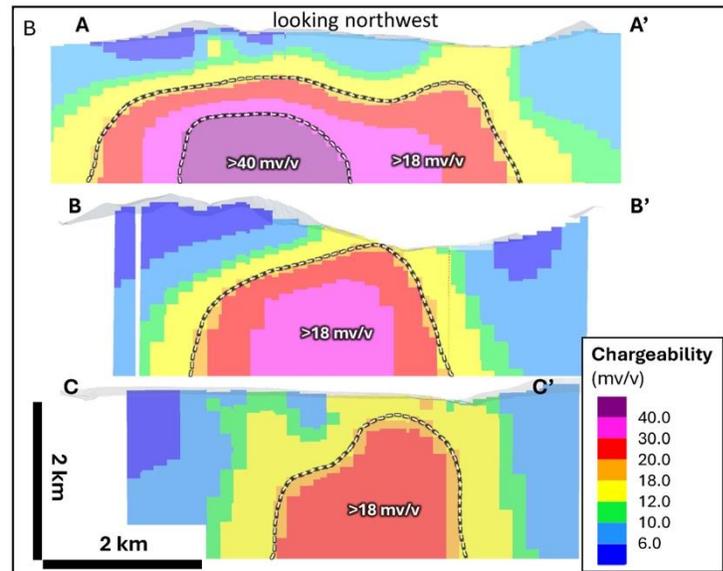


FIGURE 2
JD PROJECT
Fericrete to Belle
Porphyry Trend
February 2025

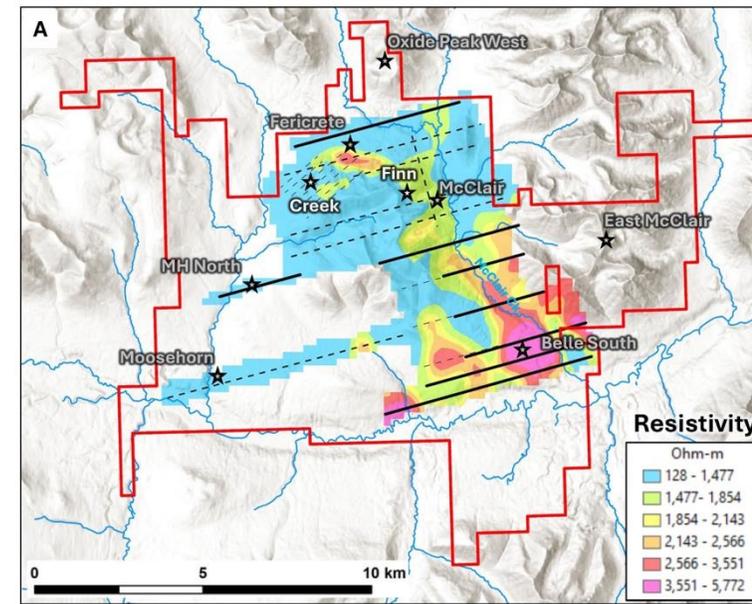
JD Project: Porphyry Trend



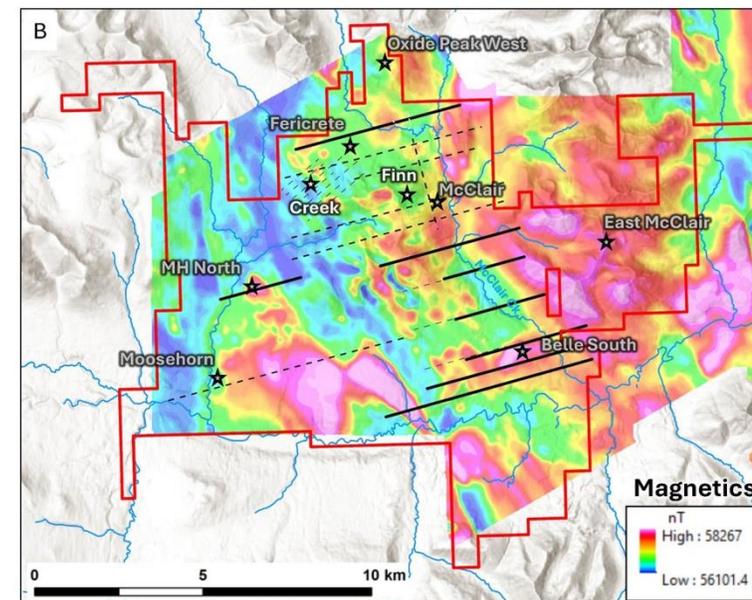
(A) Map of the JD Project showing the recently acquired and compiled IP data (400m depth slice through the chargeability model). New (black) and historical IP lines (dashed) shown. Key targets are highlighted. Inset photo is looking south down McClair Creek showing parts of the 10 km long McClair Creek 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.

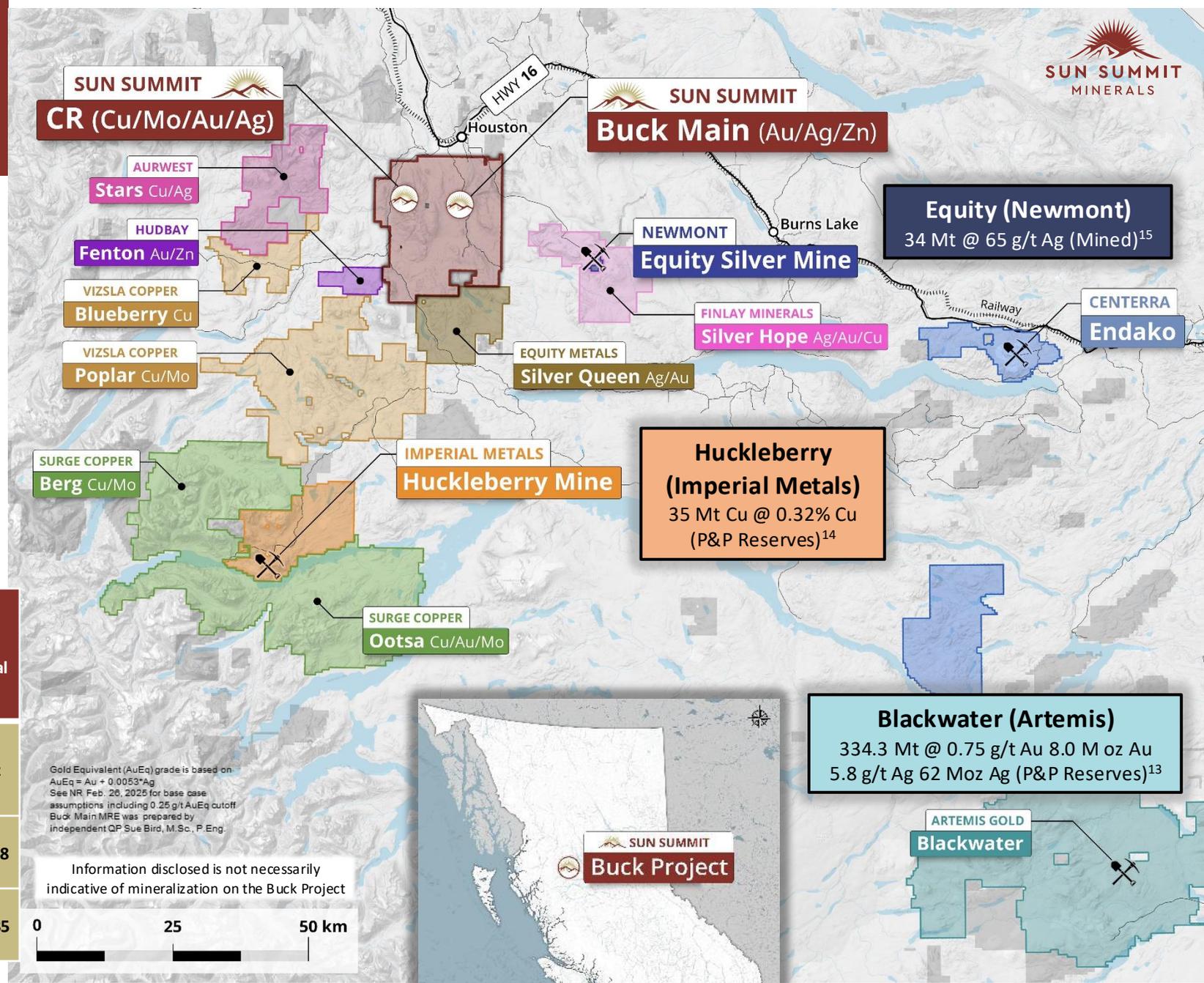


(B) Map of the JD Project showing total magnetic intensity data acquired in 2021 overlain with IP lines and key target areas.

Buck Project: District Scale Potential



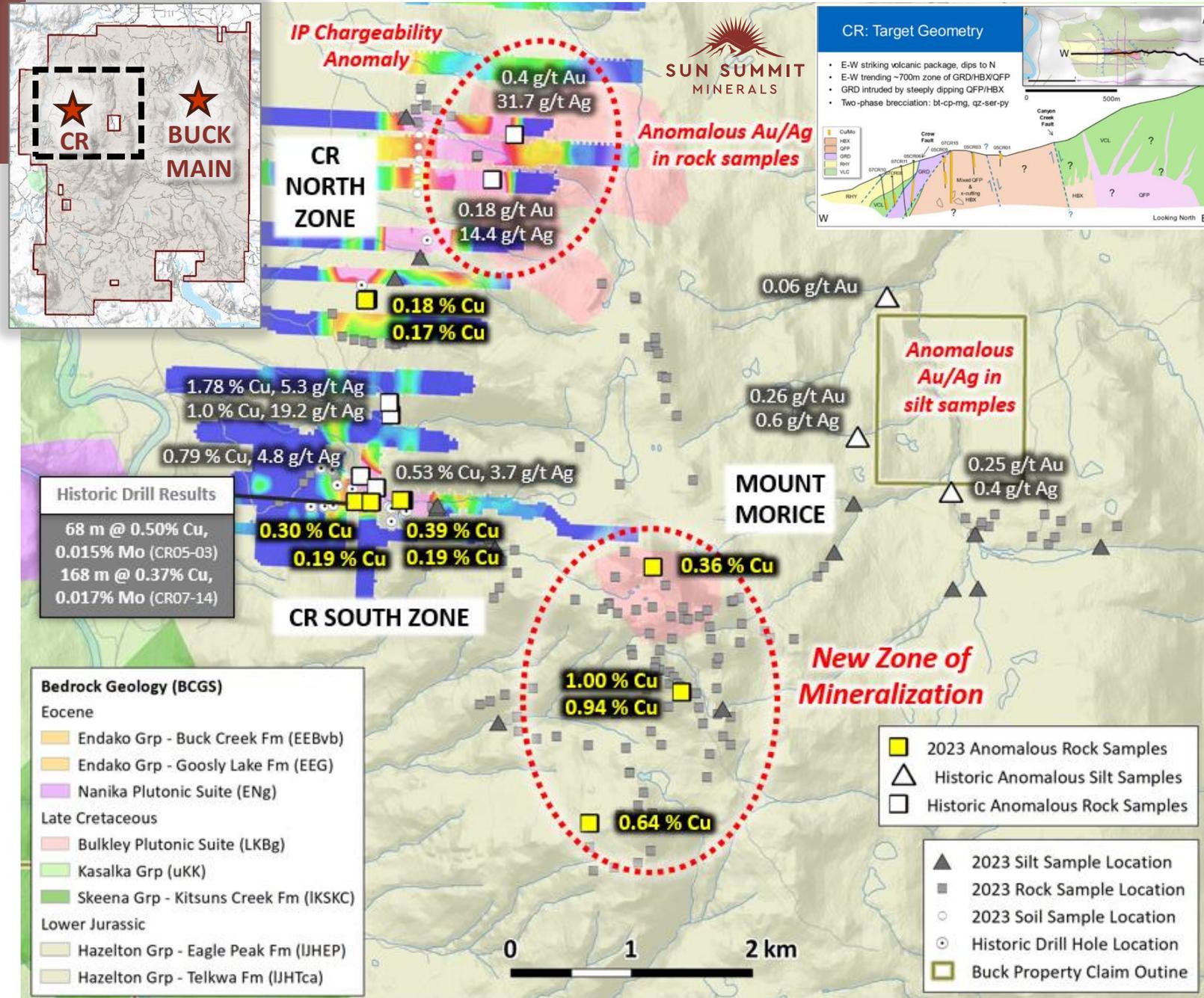
- 100% owned, 52,000 ha/520 km² property, in mining friendly jurisdiction, with year-round access.
- Emerging mineralized belt near operating mines, with existing infrastructure:
 - Equity Silver Mine (Newmont)
 - Huckleberry Copper Mine (Imperial Metals)
 - Blackwater Gold Mine (Artemis Gold)
- Initial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

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



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*

| | |
|-------------------------------------|--------------------|
| 52 week high/low | \$0.26/\$0.07 |
| Market Capitalization | \$42 Million CAD |
| Avg. Daily Volume (TSX-v) | 2.6 Million shares |
| Outstanding Shares (million) | 312.5 |
| Warrants** (million) | 134.4 |
| Options + RSUs (million) | 20.2 |
| Fully Diluted (million) | 467.1 |

~204k warrants expiring April 23, 2026 (\$0.10)
 ~9.5M warrants expiring April 23, 2026 (\$0.13)
 ~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)
 ~5.3M warrants expiring December 20, 2027 (\$0.13)
 ~2.9M warrants expiring December 23, 2027 (\$0.14)
 ** Approximately \$15 million of warrants in the money.
 Average exercise price of 11.2c

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 |

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