



Gold-Copper Discovery Potential in Mining Friendly Toodoggone British Columbia, Canada

Q4 2025 | [SUNSUMITMINERALS.COM](https://www.sunsumitminerals.com) | TSX-V: **SMN** | OTCQB: **SMREF**

FORWARD LOOKING STATEMENTS



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National Instrument 43-101 Disclosure

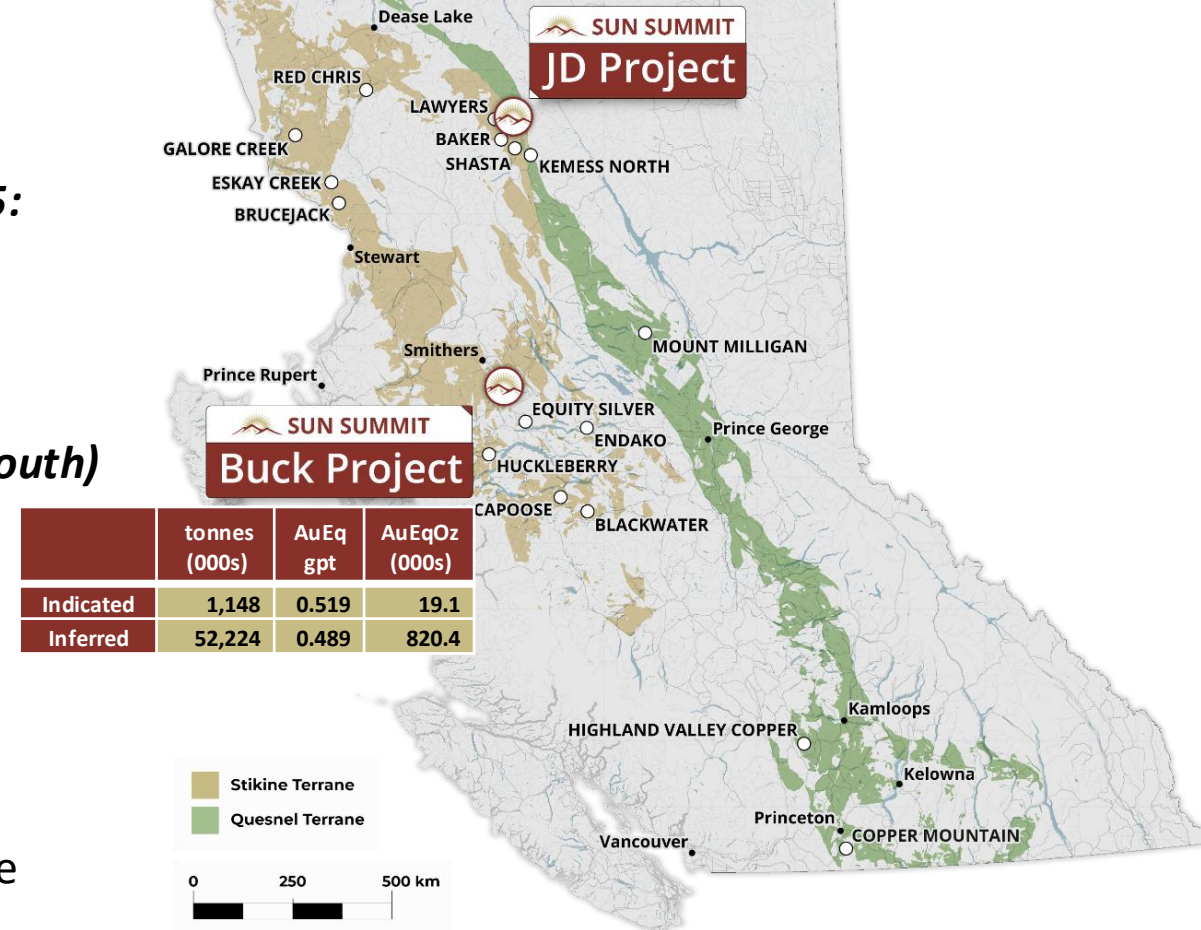
This presentation has been approved by Sun Summit's Vice President Exploration, Ken MacDonald, P.Geo. a "Qualified Person" as defined in National Instrument 43-101 *Standards of Disclosure for Mineral Projects* of the Canadian Securities Administrators. He has not been able to verify the historical exploration 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.

Investment Highlights

- Gold-copper discovery potential in the Toodoggone, B.C.
- Value creation from drilling and resource delineation
 - **Strongest intervals reported to date at Creek Zone in 2025:**
 - **Mineralized Zone:** 750 meters by 300 meters and approximately 150 meters vertical depth
 - Open along strike and down-dip
 - **Assays pending from 6 of 21 drill holes (Finn Zone, Belle South)**
- 25,000 hectares located in Tier 1 jurisdiction, hottest district in Canada and ripe for consolidation
 - **FCX, CG, SKE actively investing in the Toodoggone**
- 6,800+ meter exploration program completed at JD
 - Proven Toodoggone team with boots-on-ground experience
- Bull market for gold price and gold equities
 - Gold price rising against all currencies
 - Margin expansion will drive consolidation



FOCUSED ON ADVANCEMENT OF DISTRICT-SCALE ASSETS IN BC

- **JD-Theory Project** (epithermal Au-Ag, porphyry Cu-Au)
- **Buck Project** (epithermal Au-Ag, porphyry Cu-Mo)

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**

Newmont

Freeport-McMoRan

centerra**GOLD**

BHP



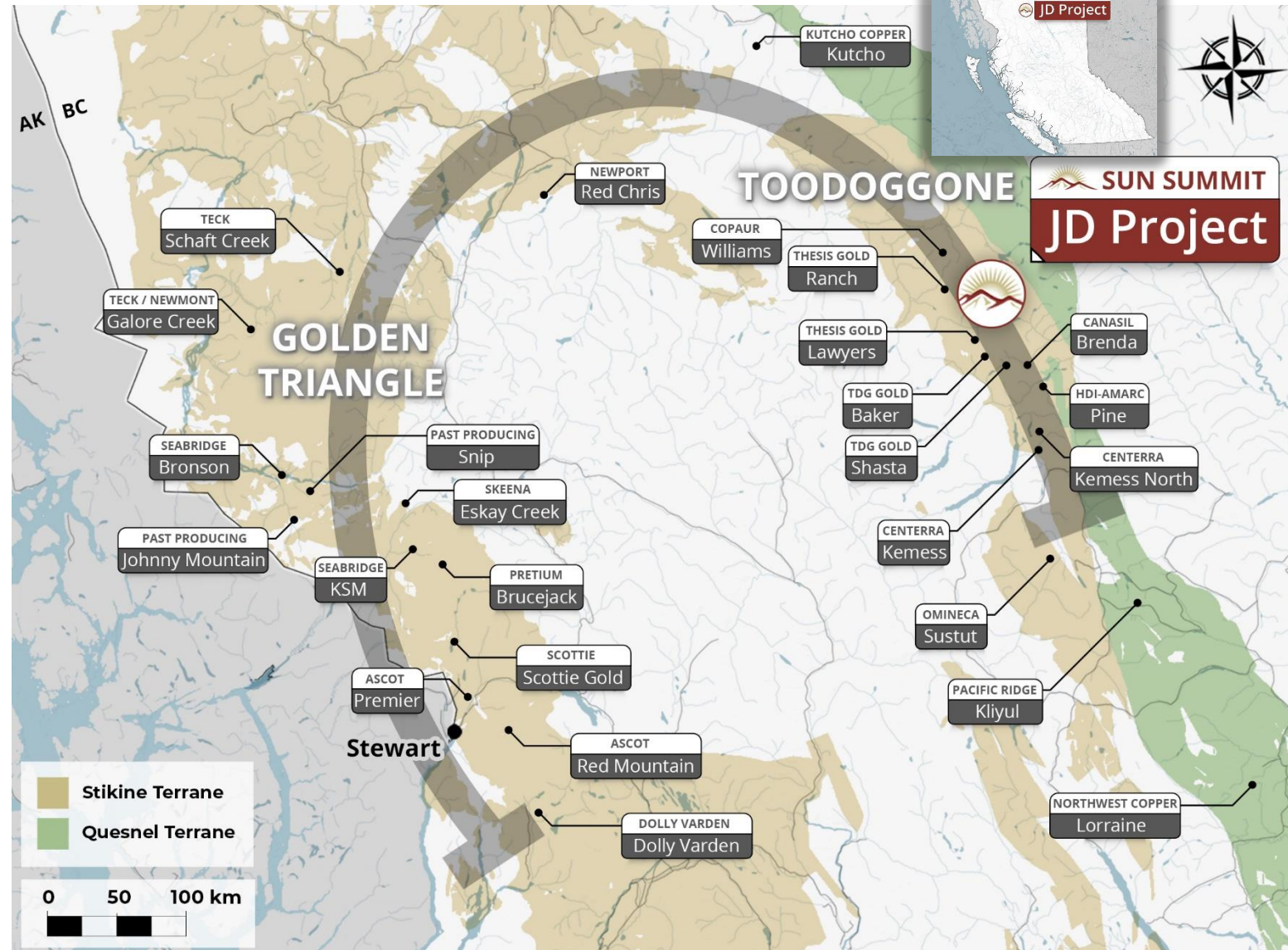
BARRICK

Teck



ANTOFAGASTA PLC

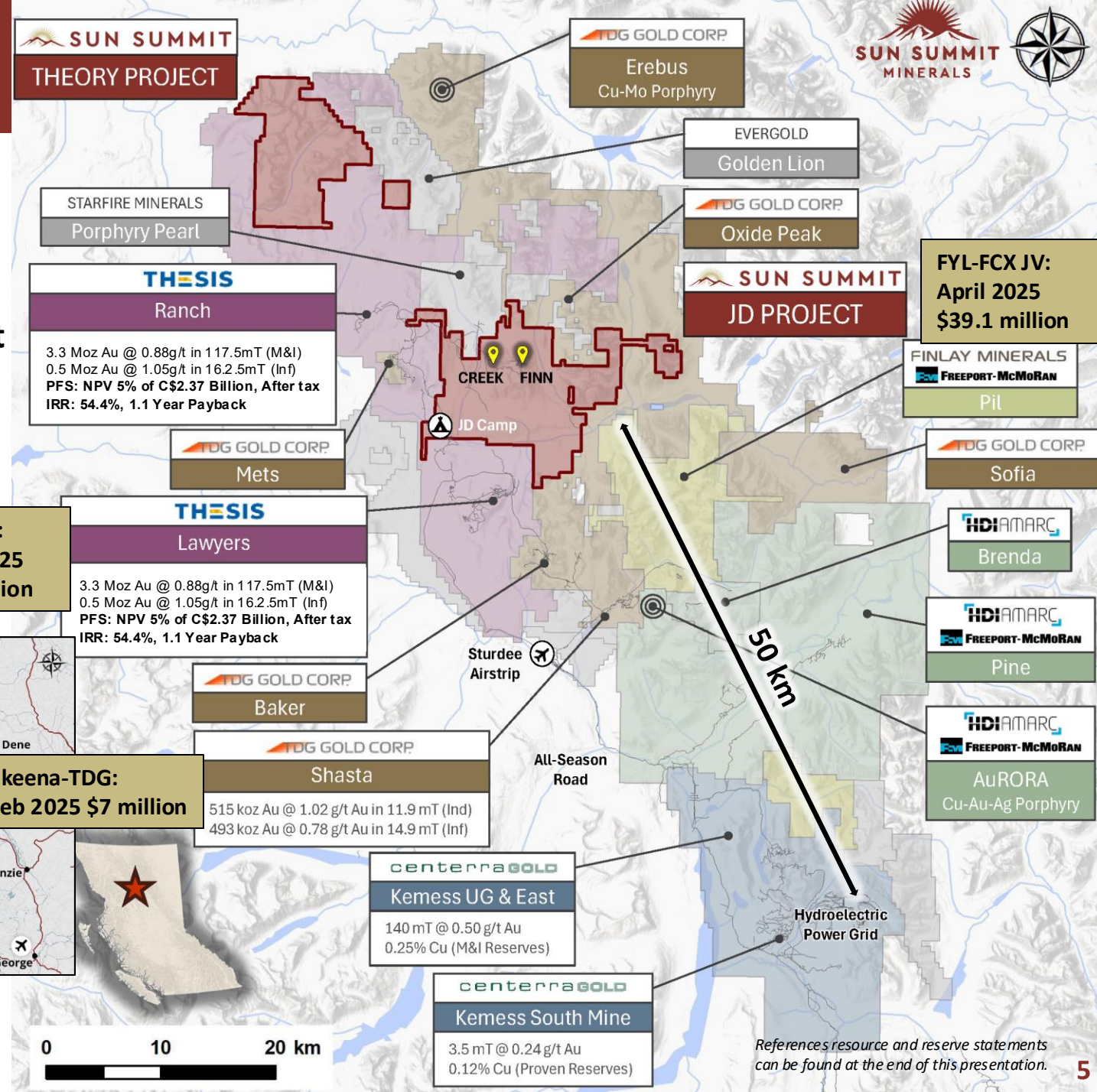
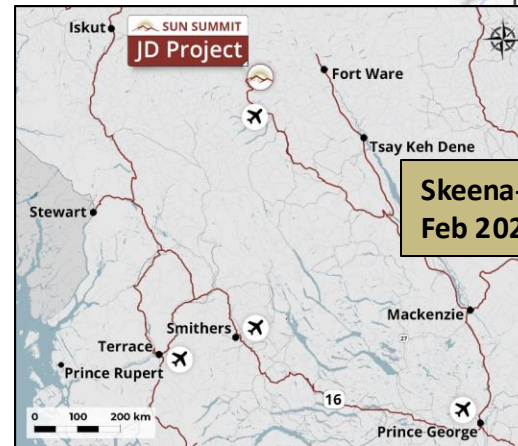
SKEENA
GOLD + SILVER



JD-Theory: 25,000 ha

BC'S NEXT PREMIER MINING JURISDICTION

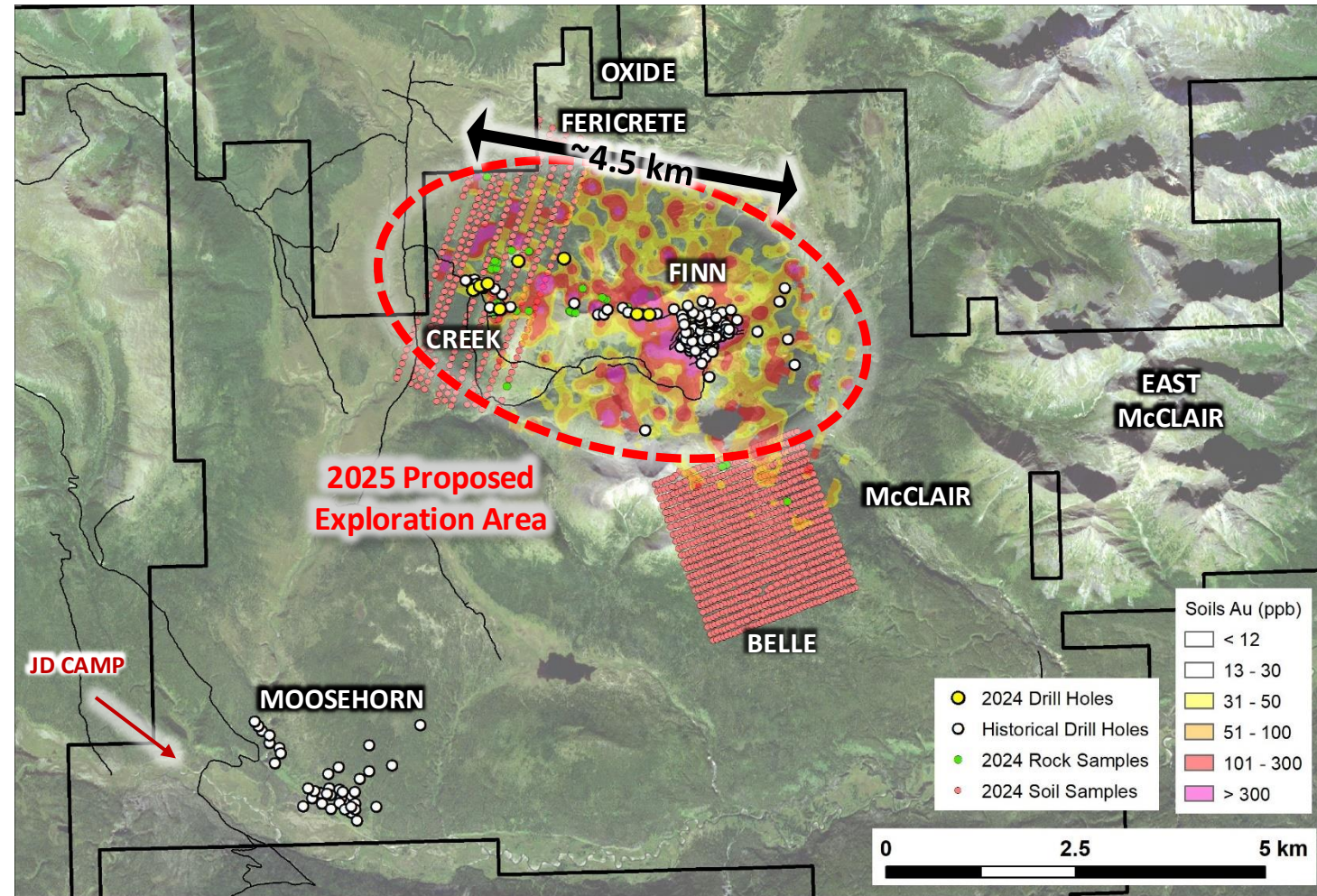
- Under-explored, significant discovery potential
- Emerging district, increased activity & investment
- Adjacent to epithermal gold systems:
 - Lawyers, Ranch (Thesis Gold: \$585M market cap)
 - Shasta, Baker, Mets (TDG Gold: \$255M market cap)
- Captures northern extension of Kemess Cu-Au belt:
 - Kemess South, Kemess E & North UG (Centerra)
 - AuRORA, (HDI Amarc: \$250M market cap)
- Developed infrastructure and power:
 - All-season access road
 - Sturdee airstrip (Terrace, Smithers, Prince George)
 - Kemess Mine hydroelectric power grid (256kv powerline)



JD Project: 2025 Exploration Program

COMPLETED AGGRESSIVE EXPLORATION PROGRAM IN 2025

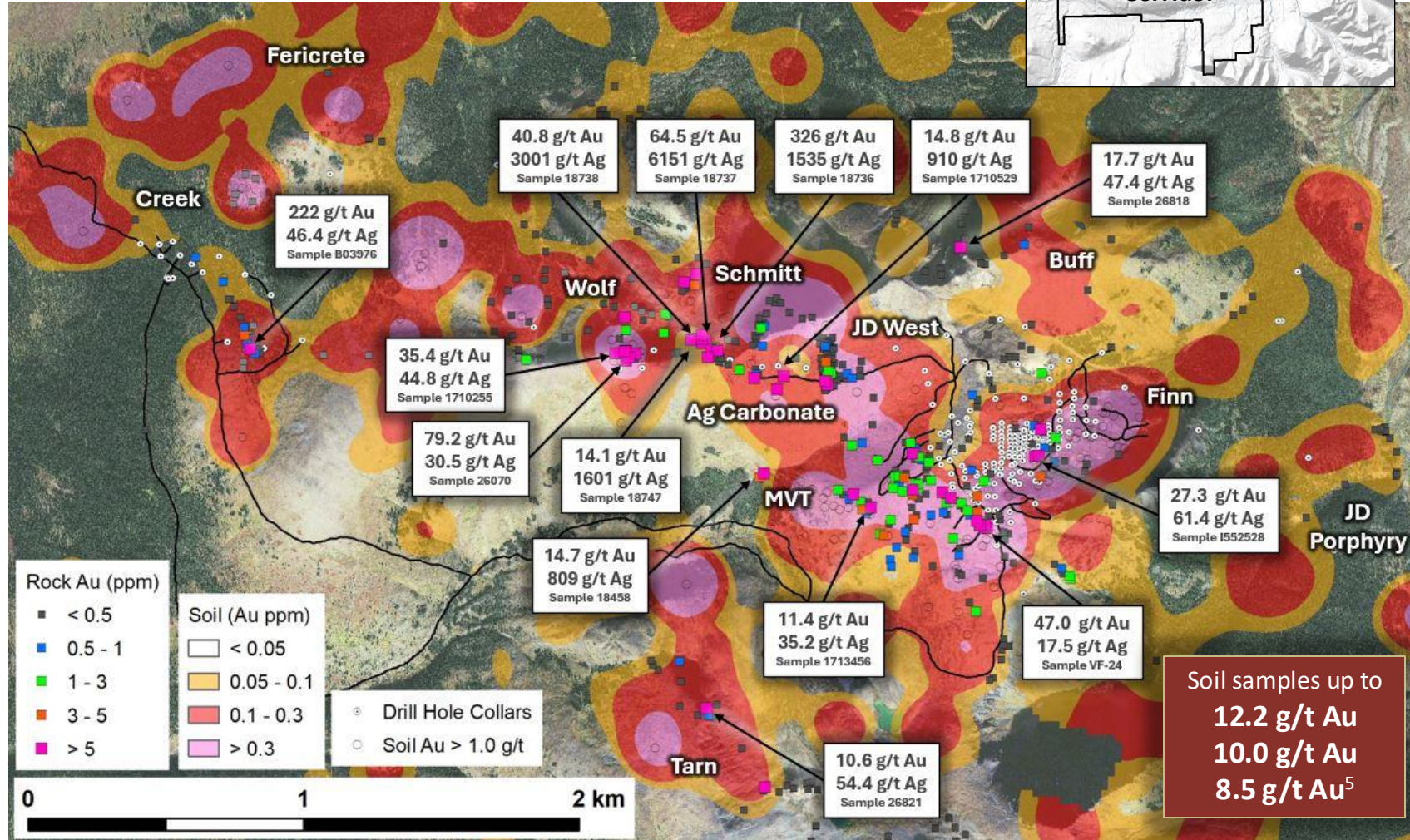
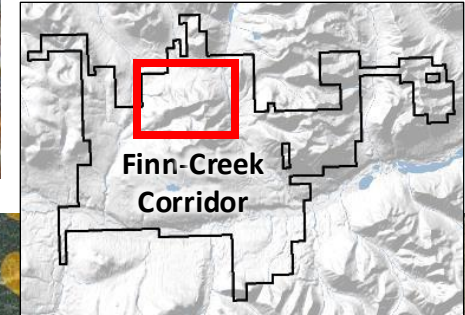
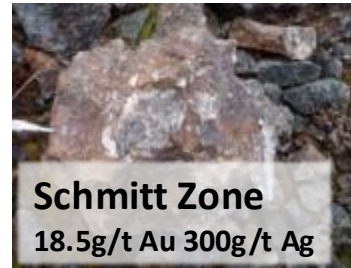
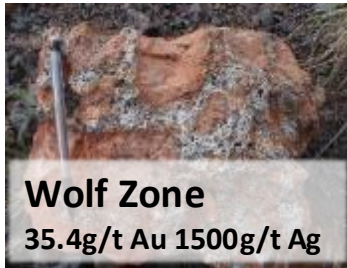
- 5-year permit in place
- 2025 exploration program:
 - 6,800+ meters diamond drilling (21 holes):
 - Results pending from 6 holes
 - Soil geochemistry (~1,500 soil samples)
 - Prospecting & Mapping (668 rock samples)
 - IP geophysics (~58 line kilometers)
 - JD camp outfitting
- Historical data compilation has defined multiple high priority targets:
 - **Creek Zone:** 15 drill holes reported
 - **Finn Zone:** assays pending from 4 holes
 - **Belle South:** assays pending from 2 holes
- Resource definition drilling:
 - Drill program designed to scale-up project and contribute to a future mineral resource estimate



JD Project: Finn to Creek Corridor

SIGNIFICANT SIZE & SCALE POTENTIAL

- Multiple high-grade gold, silver and base metal 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.

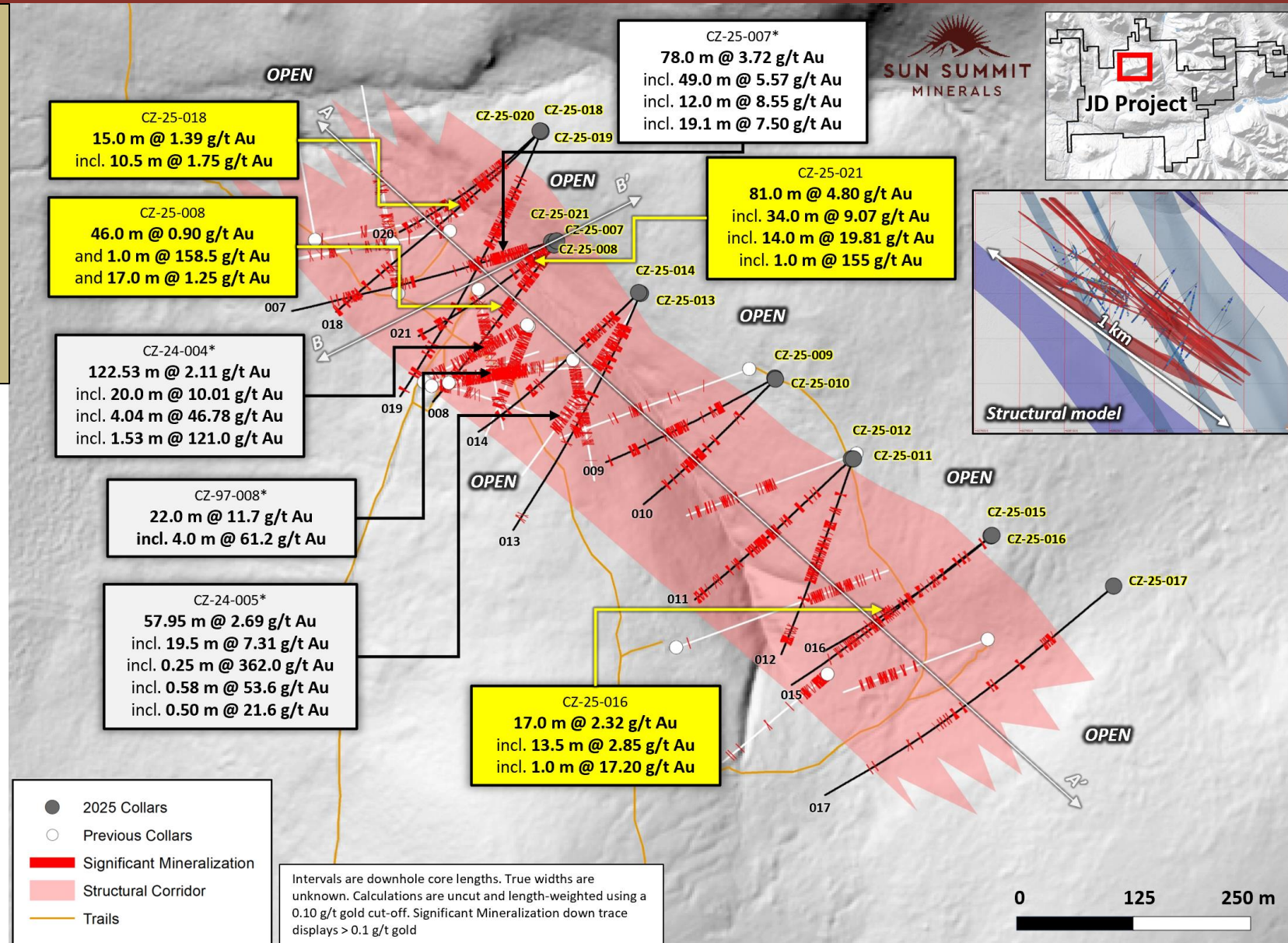
References for historical drill hole results can be found at the end of this presentation.

JD Project: Creek Zone 2025 Results

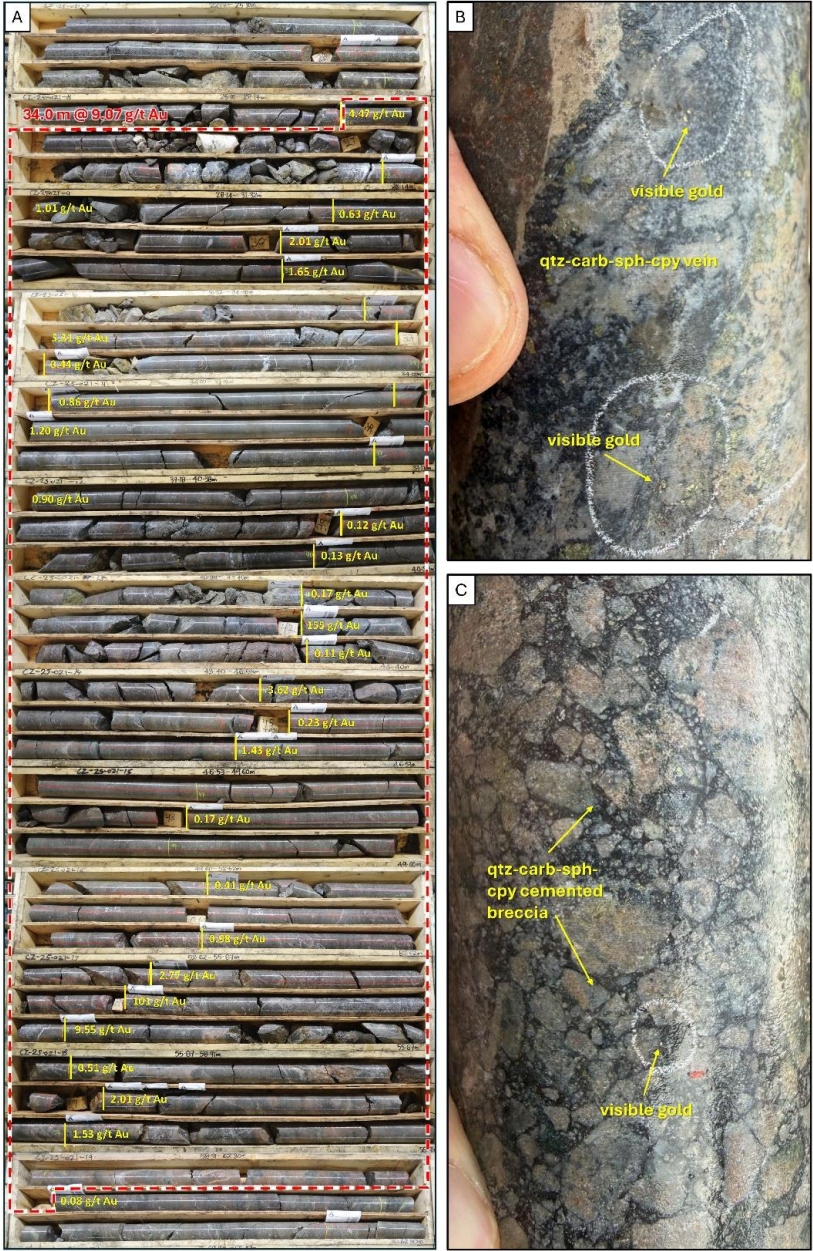
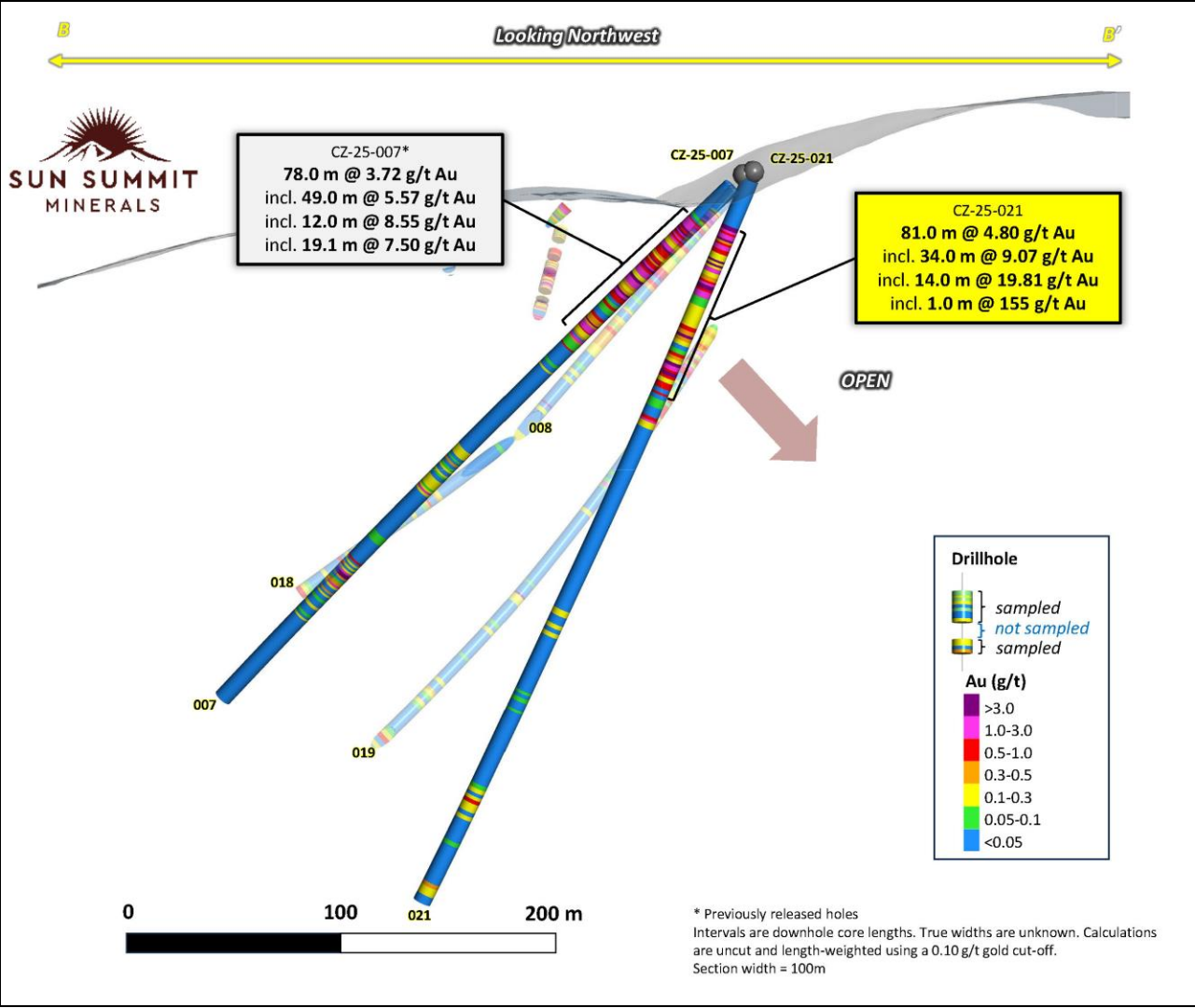
2025 CREEK ZONE RESULTS

CREEK ZONE (Hole CZ-25-021):
81 m @ 4.80 g/t
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



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



JD Project: Creek Zone 2025 Results

BEST DRILL HOLE TO DATE:

CREEK ZONE (CZ-25-021):

81 m @4.80 g/t

26 m downhole from surface

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

81 m of 4.80 g/t Au incl. 14.0 m of 19.81 g/t Au (CZ-25-021)

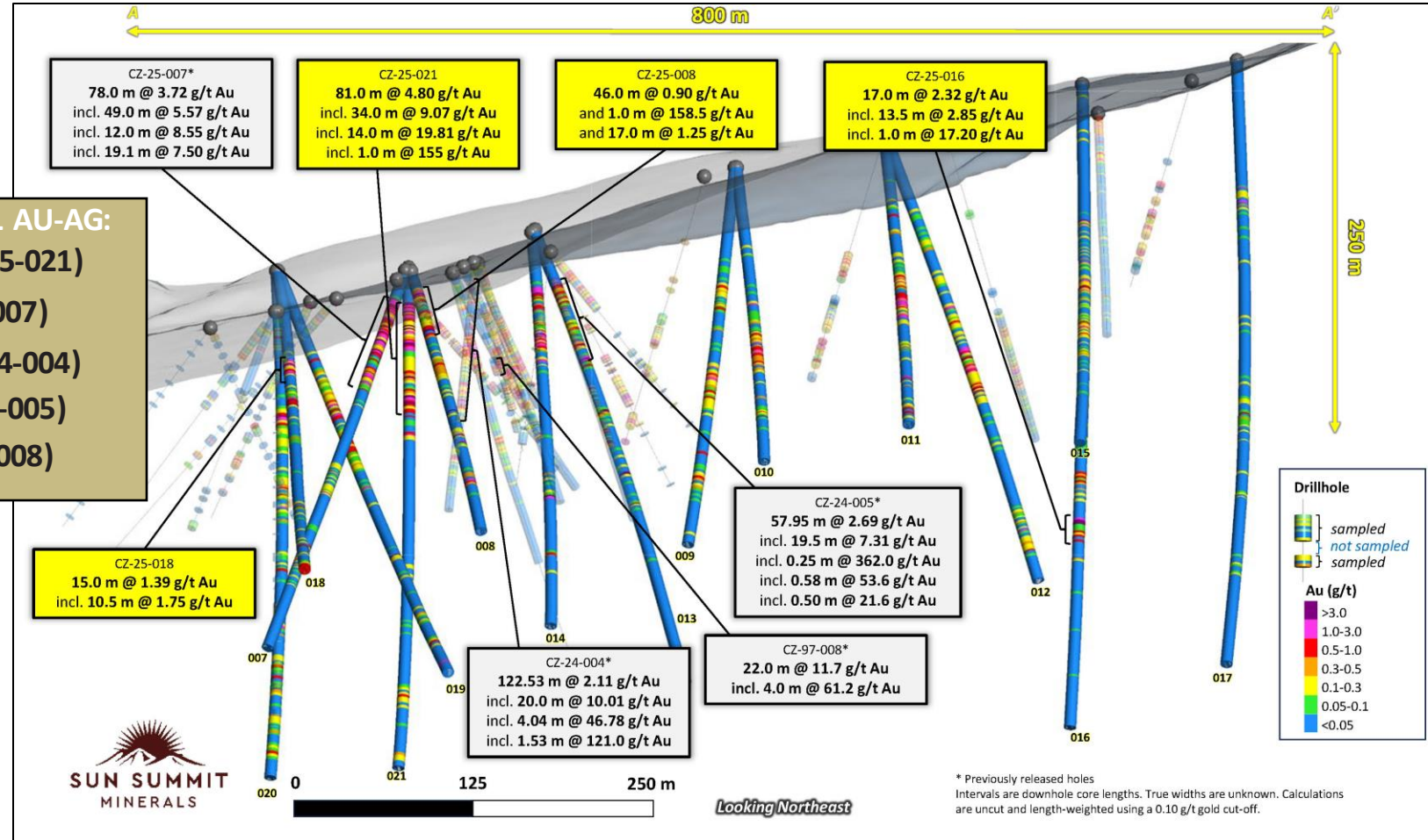
78 m of 3.72 g/t Au incl. 19.1 m of 7.5 g/t Au (CZ-25-007)

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)

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



JD Project: Creek Zone

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

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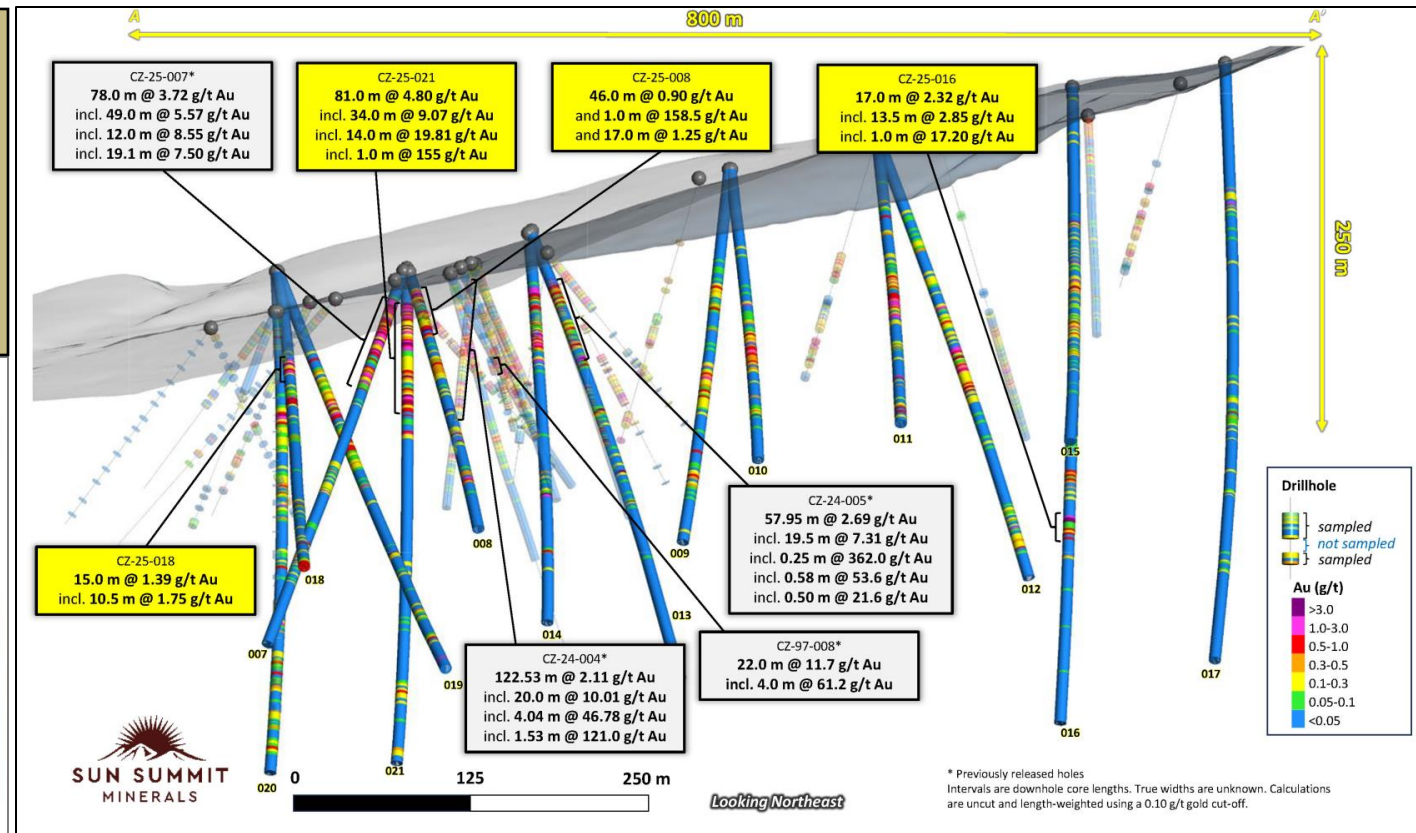
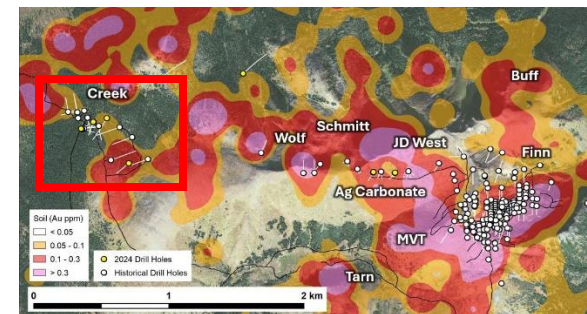
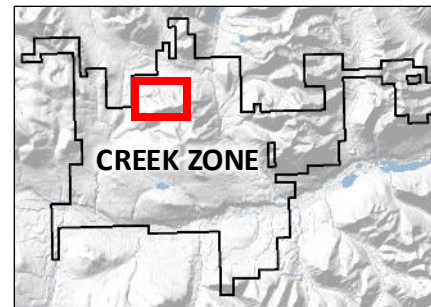
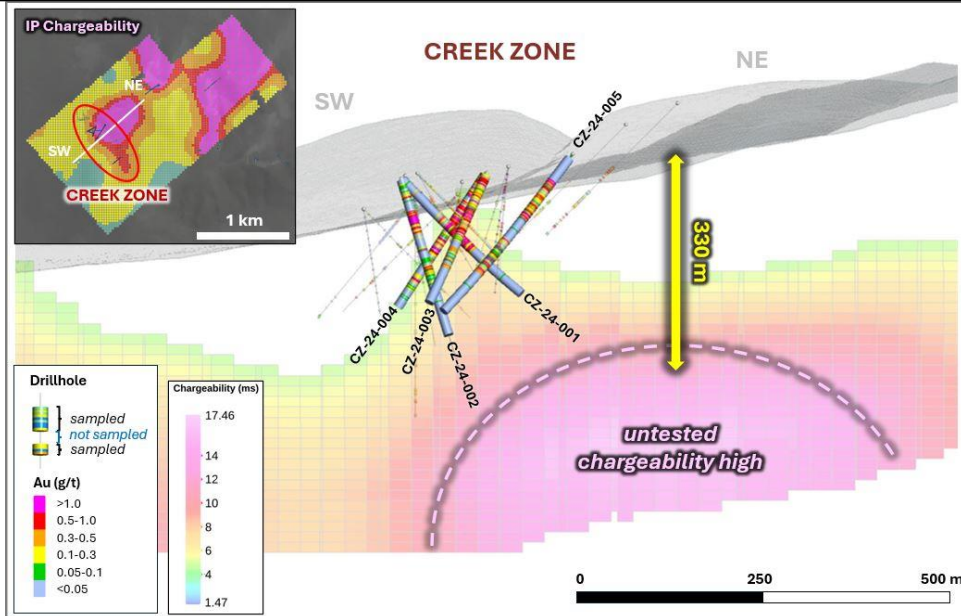
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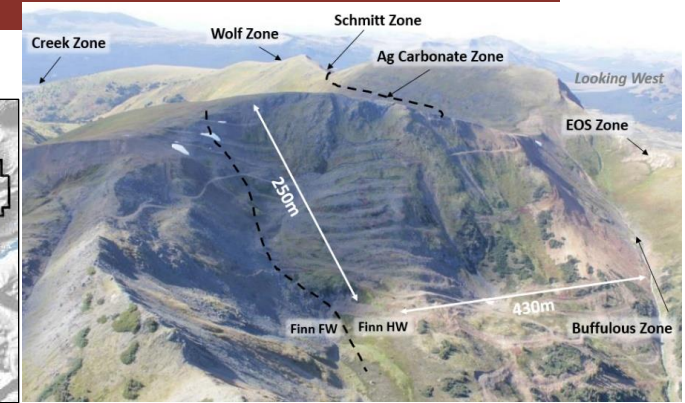
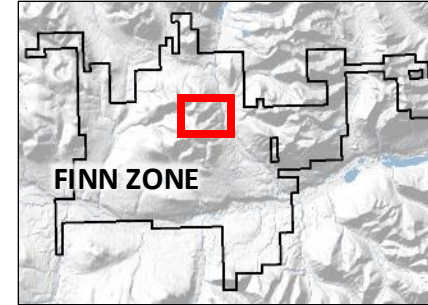
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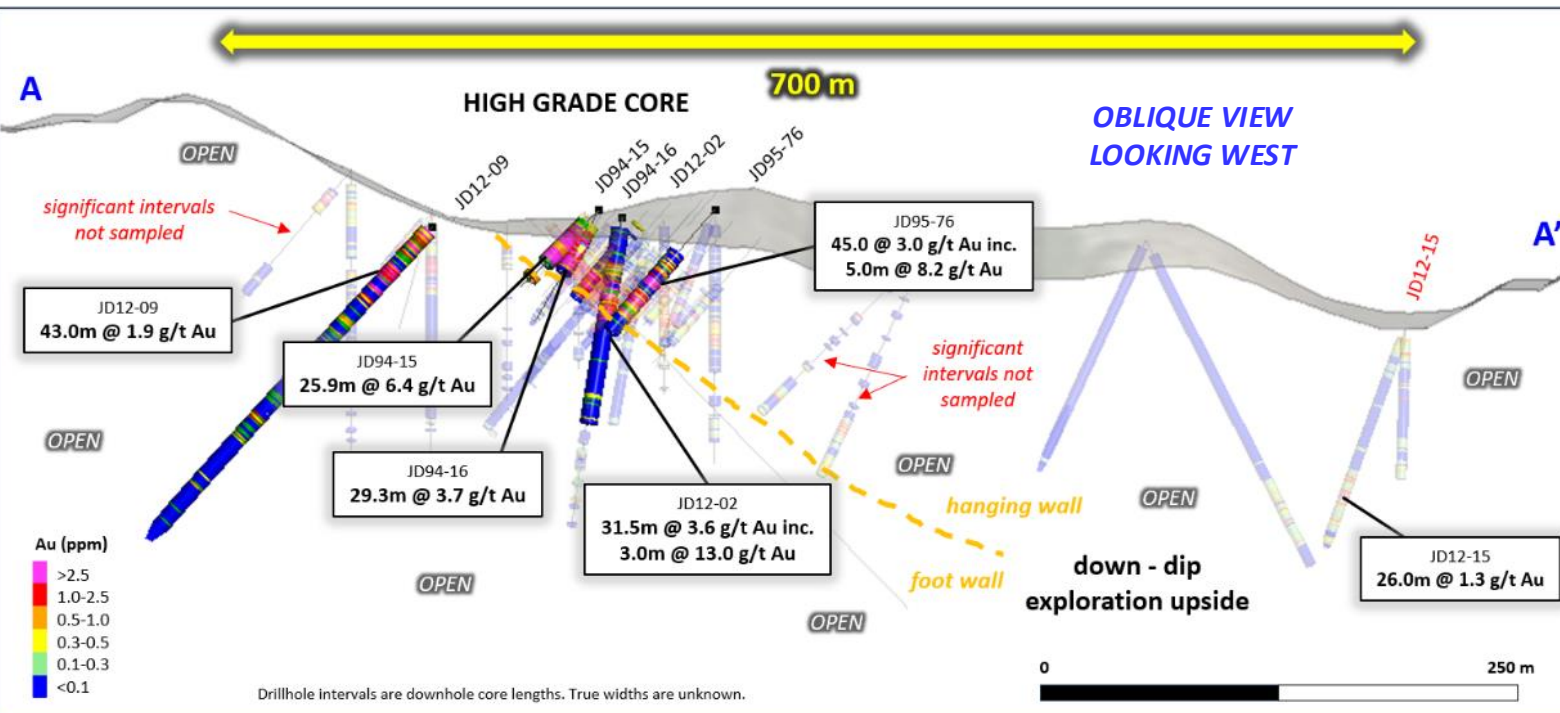
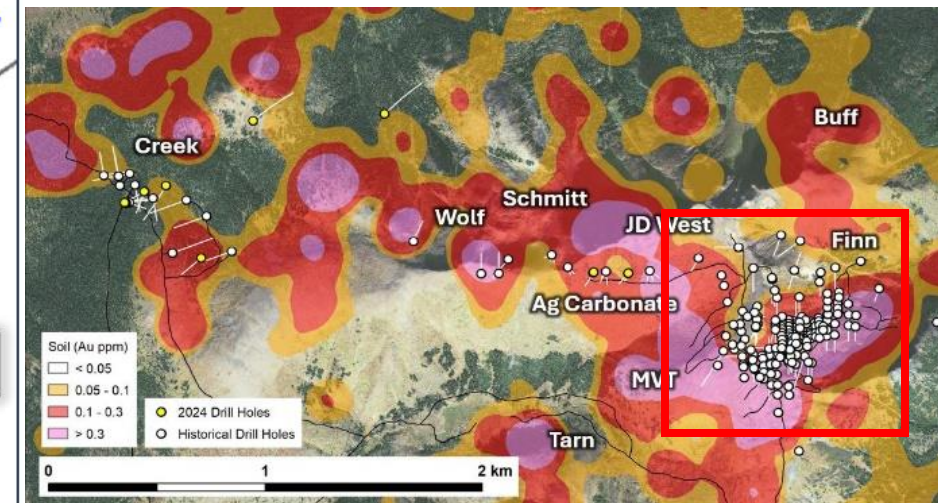
JD Project: Finn Zone

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



FINN ZONE ~270 historical drillholes

35.7 m @ 7.3 g/t Au incl. **1.0 m @ 215.4 g/t Au** (JD95-047²)
 22 m @ 12.5 g/t Au incl. **0.8 m of 171.5 g/t Au** (JD95-064²)
 27.8 m @ 6.6 g/t Au incl. **11.0 m @ 15.1 g/t Au** (JD95-097²)
 77 m @ 2.4 g/t Au incl. **12.6 m @ 10.8 g/t Au** (JD12-003⁵)
 45 m @ 3.0 g/t Au, 143 g/t Ag (JD95-076²)

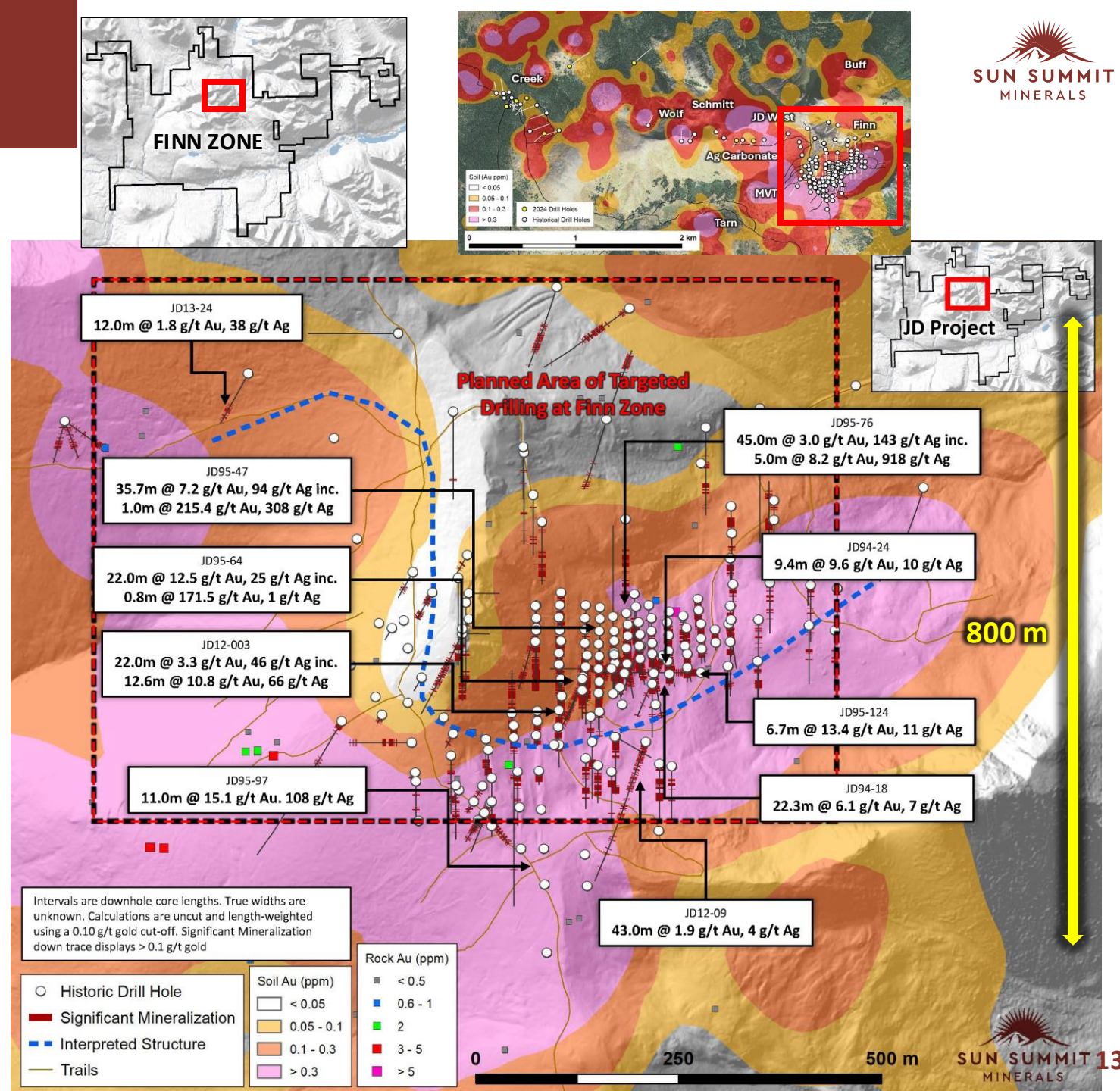


JD Project: Finn Zone

- 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

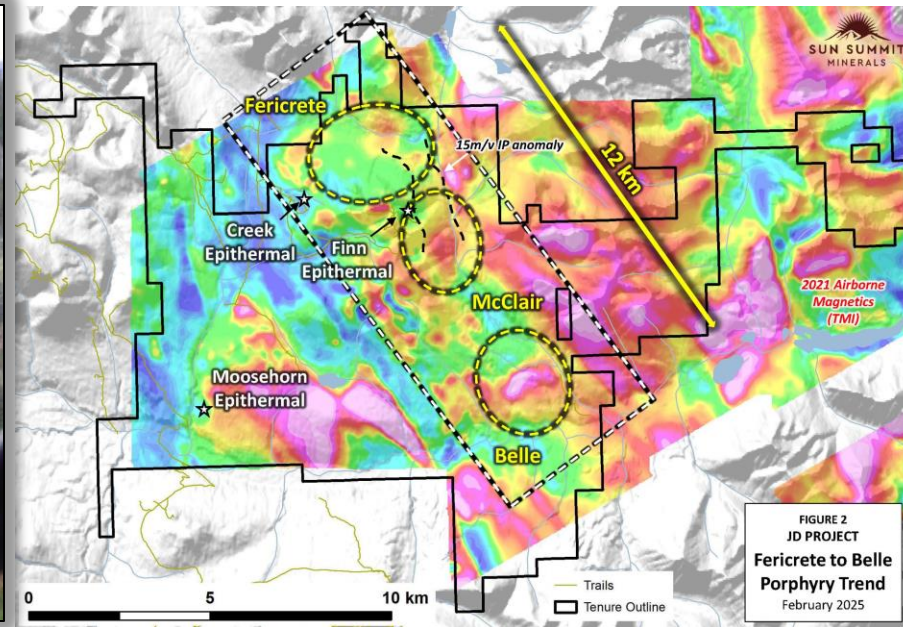
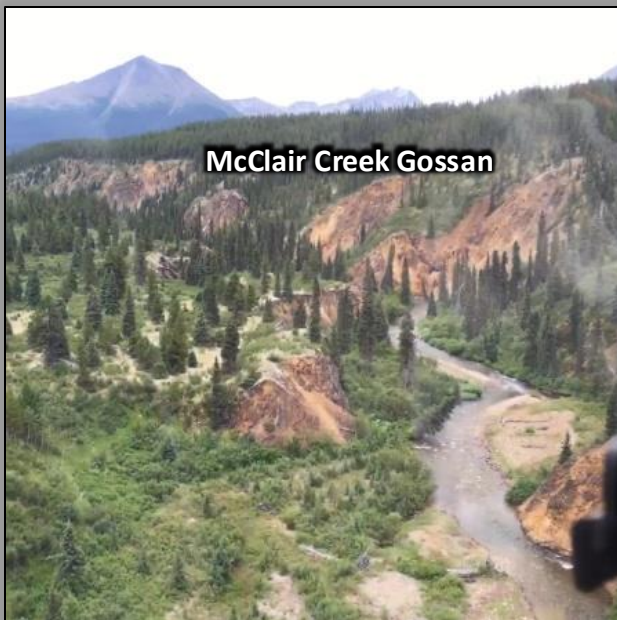
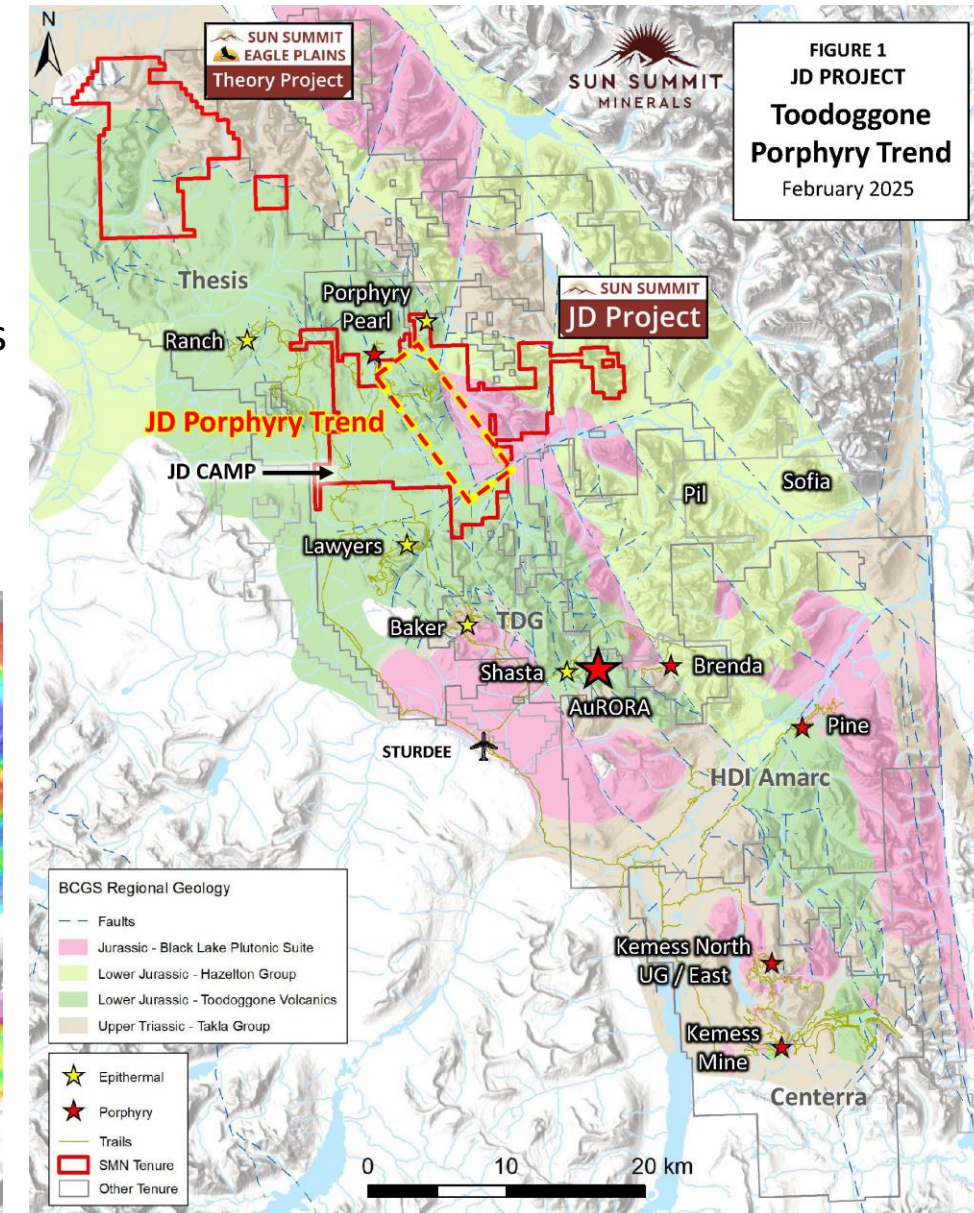
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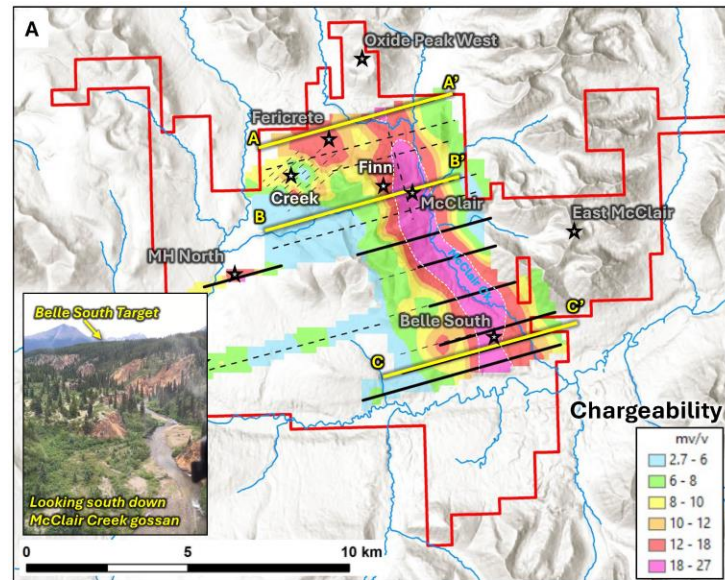


JD Project: Multiple Priority Targets

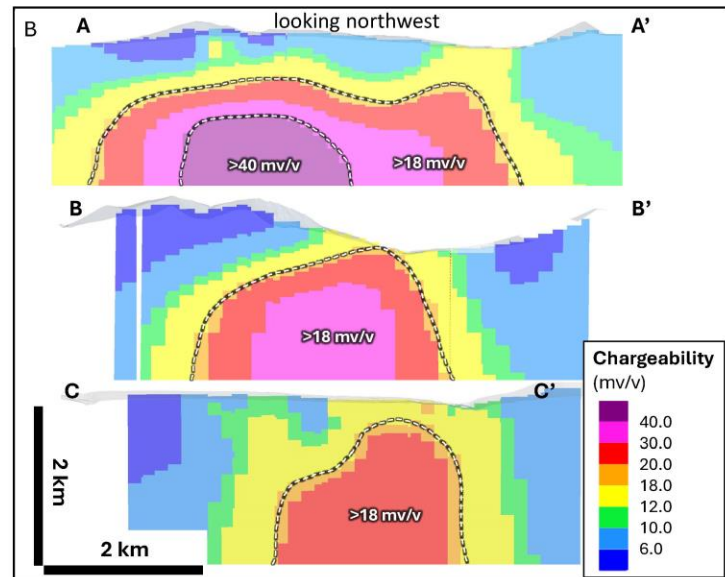
- 12 km trend of strong porphyry-related hydrothermal alteration
- Structurally and topographically below significant epithermal-related, gold-silver systems
- Strong prospectivity for porphyry-related copper-gold mineralization across the JD project
- JD Porphyry Trend represents similar regional geological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



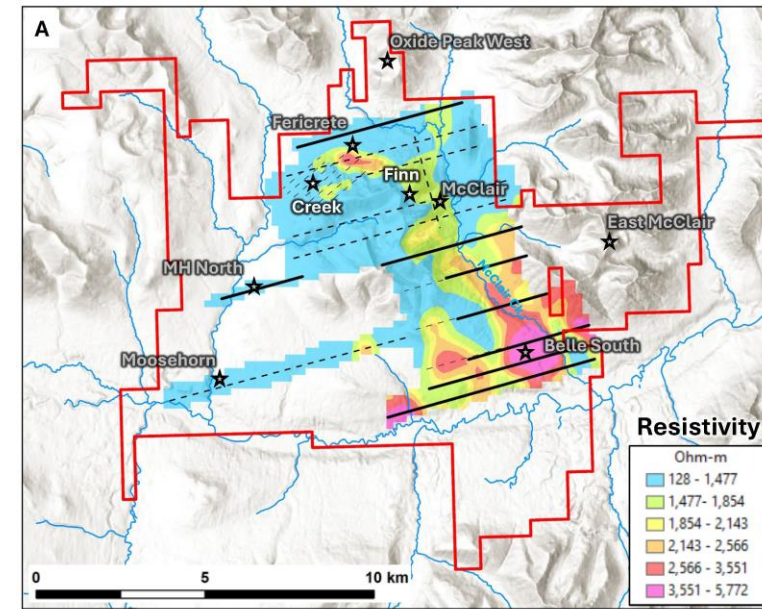
JD Project: Porphyry Trend



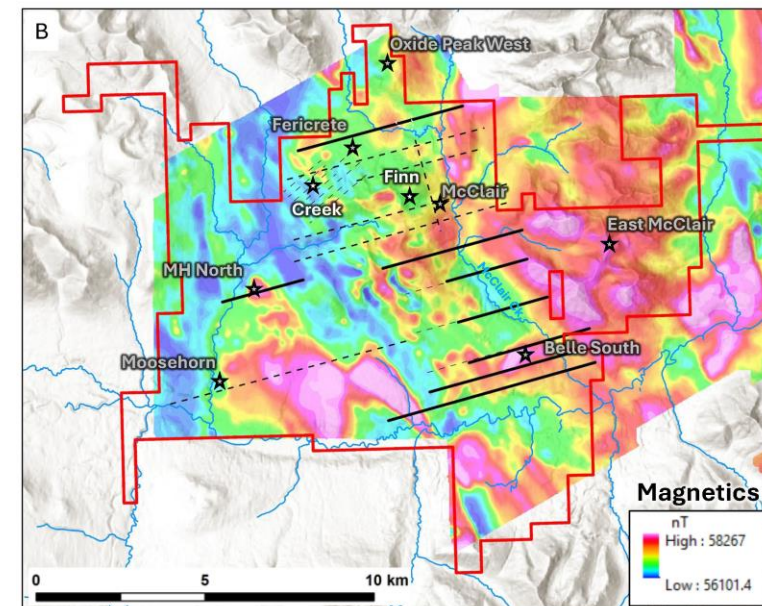
(A) Map of the JD Project showing the recently acquired and compiled IP data (400m depth slice through the chargeability model). New (black) and historical IP lines (dashed) shown. Key targets are highlighted. Inset photo is looking south down McClair Creek showing parts of the 10 km long McClair Creek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

JD Project: Porphyry Targets

UNTAPPED PORPHYRY COPPER-GOLD POTENTIAL

- Prolific Copper-Gold belt (Kemess Mine)
- Strategic exploration for porphyry copper deposits lacking in Toodoggone region
- Numerous poorly tested porphyry-related copper targets that warrant significant exploration; gossanous terrain
- Potential “porphyry roots” to shallow epithermal systems

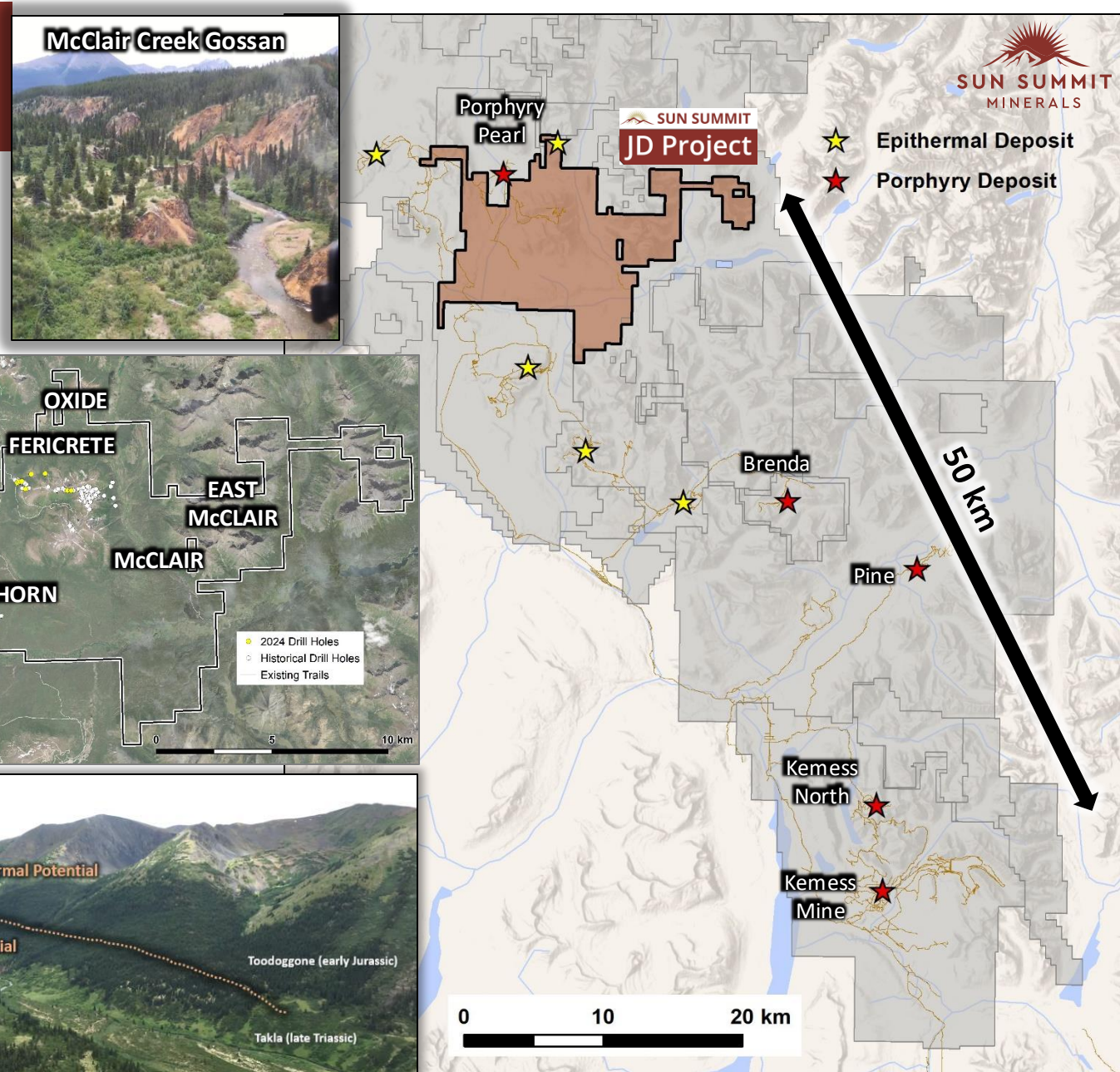
McCLAIR PORPHYRY TARGET

JD-13-025⁶ bottomed in **0.46% Cu over 1.4 m** (@230 m)

McCLAIR EAST TARGET

1.5% Cu, 1.32% Cu, 0.77% Cu in rock samples^{5/6}

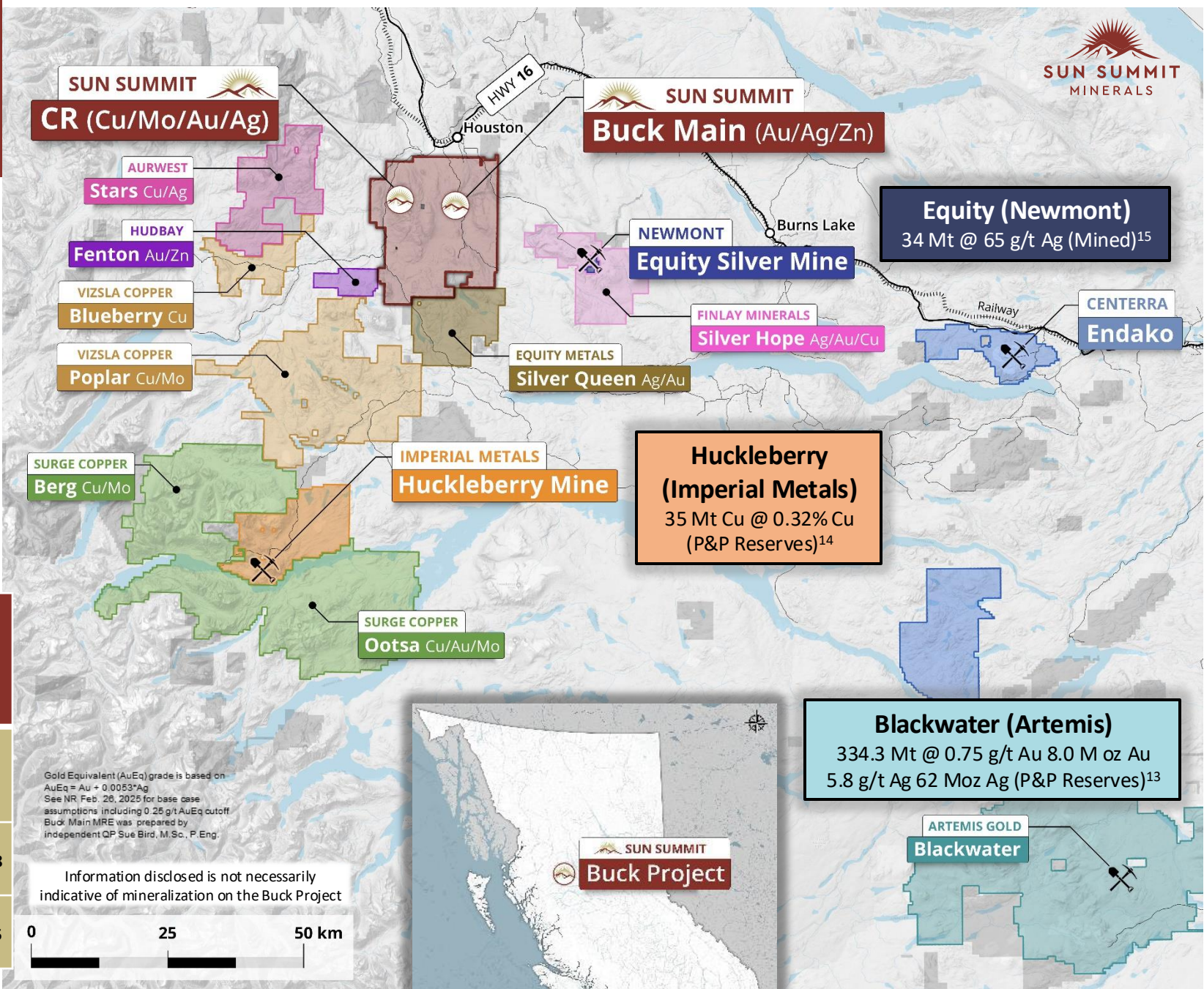
*Drill intervals highlighted are downhole core lengths. True widths are unknown.
References for historical drill hole results can be found at the end of this presentation.*



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



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 Iamgold. 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. (Retired) | *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.M. | *Strategic Advisor*

Andrew Carstensen, P.Geo. | *Director*

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

Purni Parikh | *Director*

Waseem Javed, CPA, CA | *CFO*





SUN SUMMIT MINERALS

Path to Value Creation

Q4 2025 Completion of
6,800m+ drill program:
JD Project

Q4/Q1 2026 Drill results: JD project

Q3/Q4 2026 Additional drilling:
JD Project

FY 2027/2028 Initial MRE: JD Project

52 week high/low \$0.34/\$0.07

Market Capitalization ~\$30 Million CAD

Outstanding Shares (million) 219.6

Warrants (million) 133.3

Options + RSUs (million) 14.3

Fully Diluted (million) 367.2

~204k warrants expiring April 25, 2026 (\$0.10)
~9.5M warrants expiring April 25, 2026 (\$0.13)
~3.1M warrants expiring July 24, 2026 (\$0.25)
~253k warrants expiring July 24, 2026 (\$0.18/\$0.21)
~5.3M warrants expiring December 20, 2027 (\$0.13)
~7.3M warrants expiring December 20, 2026 (\$0.145)
~107.6M warrants expiring May 30, 2027 (\$0.11)



Niel Marotta
CEO & Director

nmarotta@sunsummitminerals.com

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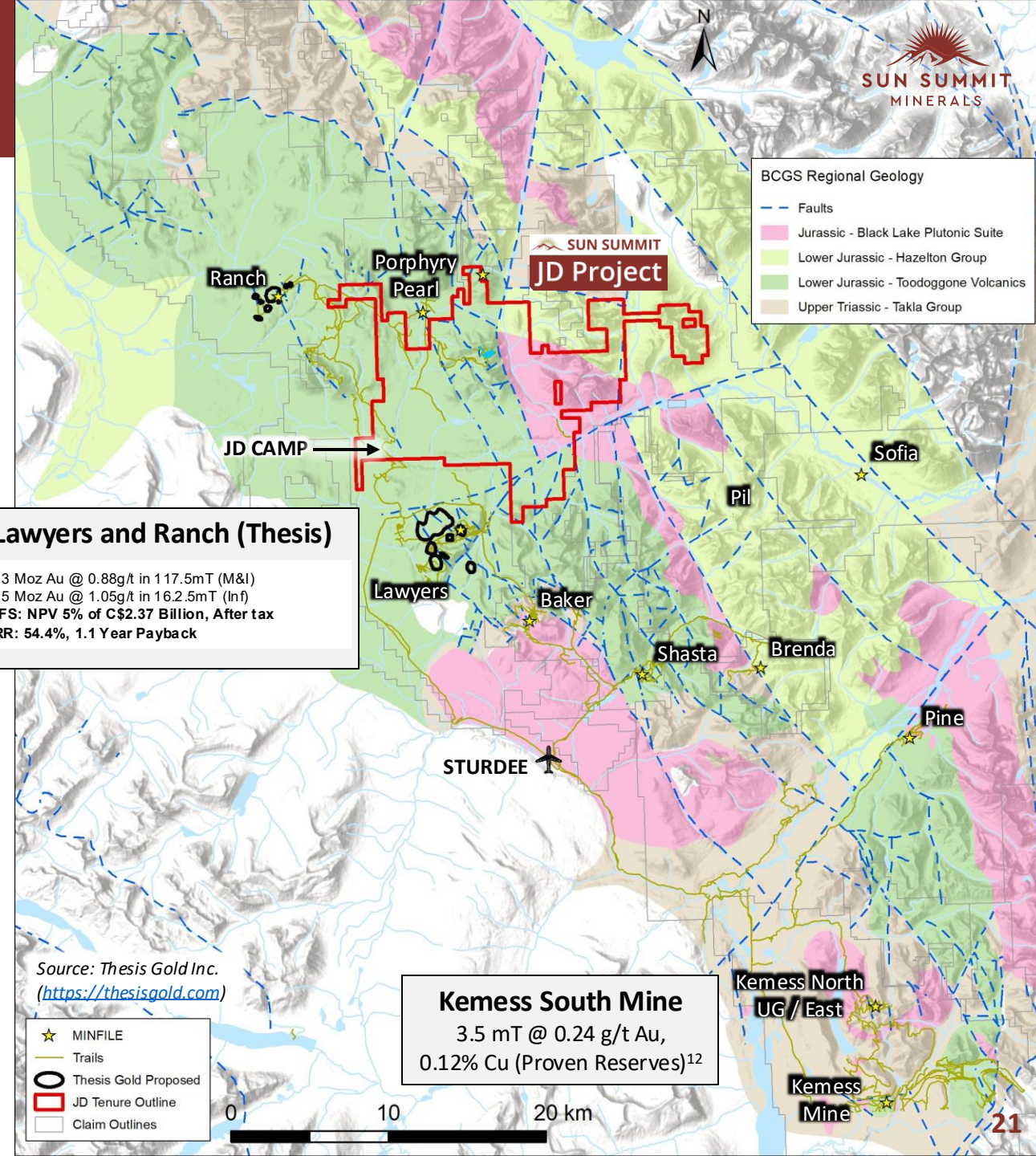
Corporate Office
1100 - 1111 Melville Street
Vancouver, BC V6C 3B2 Canada

REFERENCES:

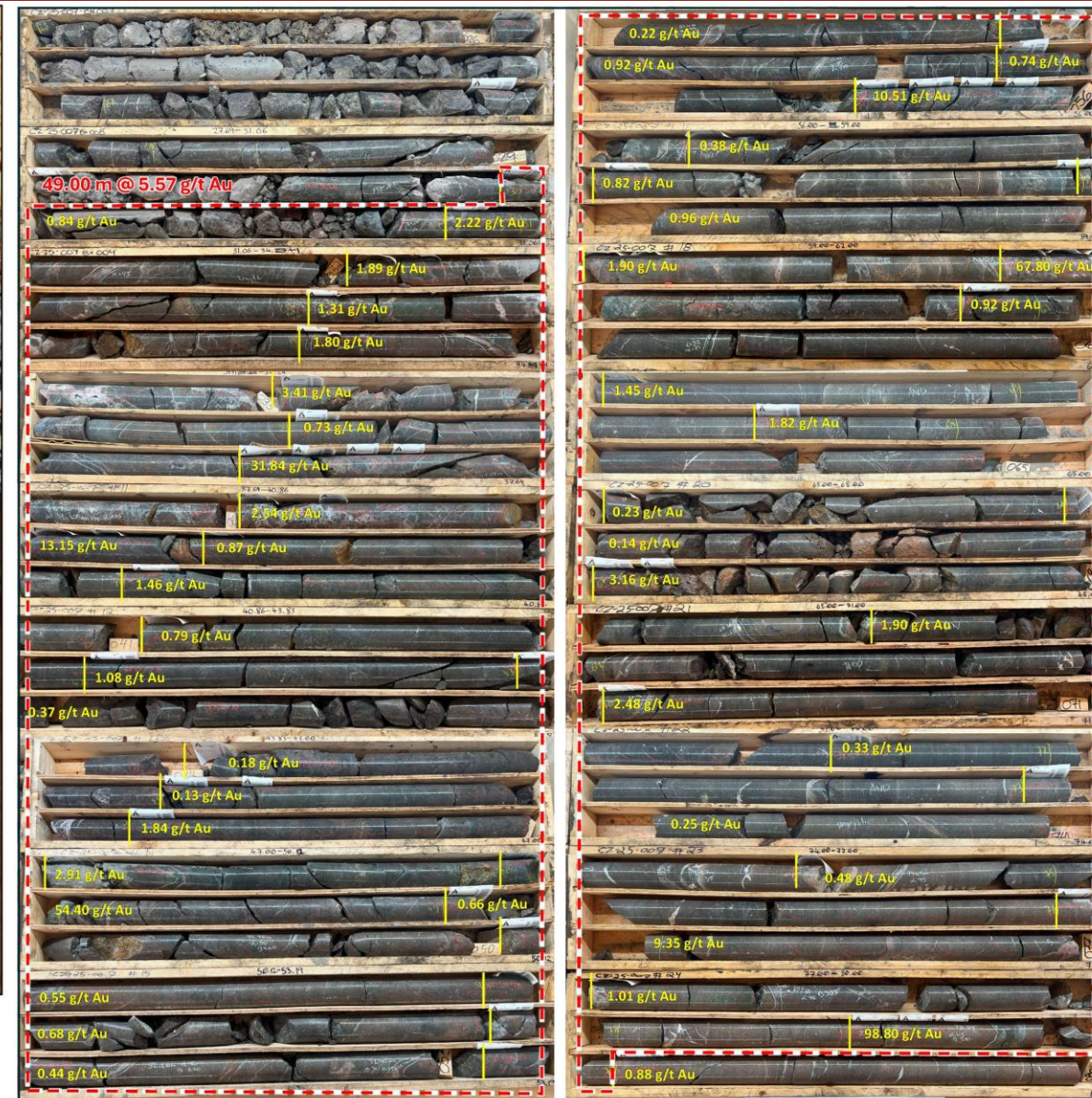
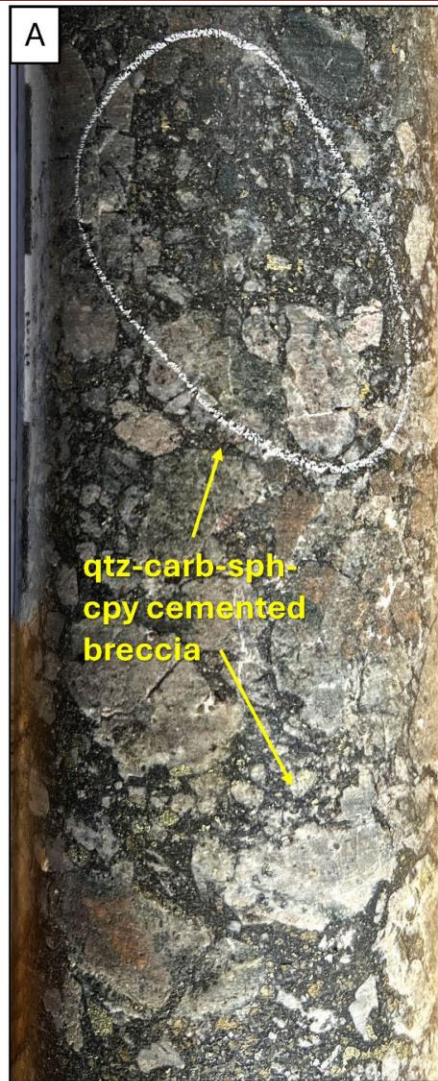
1. Krause, R.G. (1995), 1994 Geological and Geochemical Report on the JD Gold Silver Property, Toodoggone River Area, Omineca Mining Division, British Columbia, Assessment Report Indexing System, Report 23663, <https://apps.nrs.gov.bc.ca/pub/aris>. **Drillholes JD94-01 to 32**
2. Krause, R.G. (1996), 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
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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

JD Project: Untapped Potential

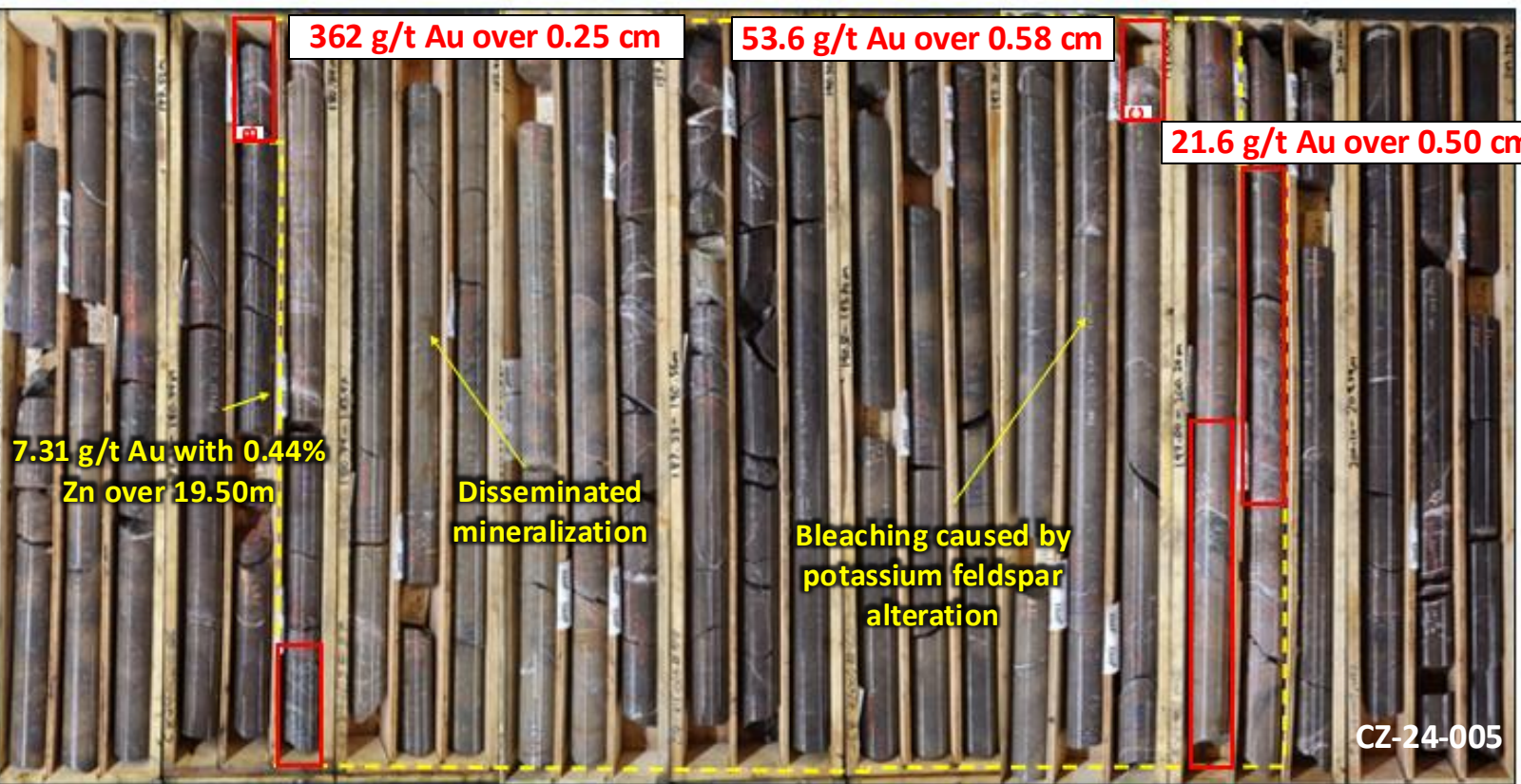
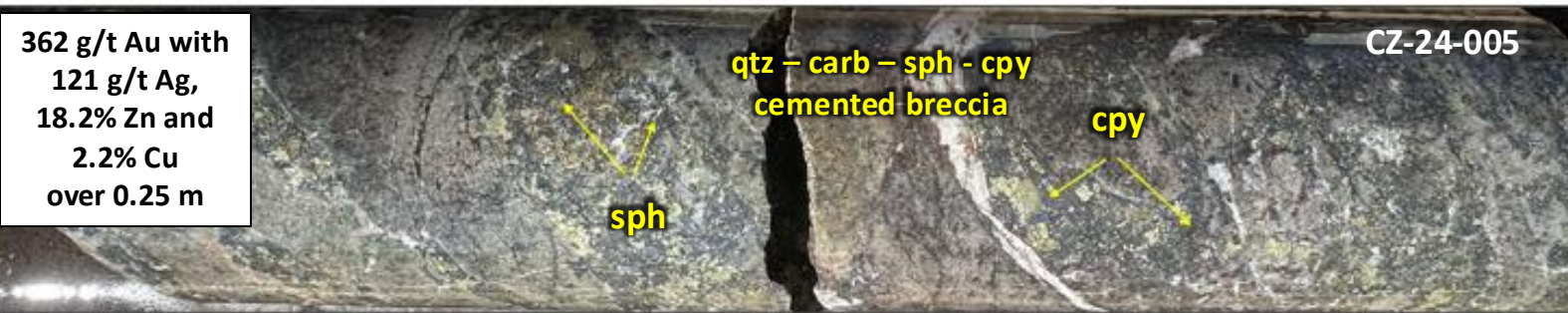
- \$2.5 million exploration expenditures in 2024
- \$7-8 million expected by end of 2025
- \$12 - 13 million remaining required spend by end of 2029
- Remaining payment & requirements to earn-in to 100%:
 - Second Anniversary (Dec 2025):
\$200,000 cash | 1,000,000 shares | \$3,000,000 expenditure (satisfied)
 - Third Anniversary (Dec 2026):
\$200,000 cash | 1,000,000 shares | \$3,500,000 expenditure (Satisfied)
 - Fourth Anniversary (Dec 2027):
\$200,000 cash | 1,000,000 shares | \$4,000,000 expenditure
 - Fifth Anniversary (Dec 2028):
\$200,000 cash | 1,000,000 shares | \$4,500,000 expenditure
 - Sixth Anniversary (Dec 2029):
1,000,000 shares | \$5,000,000 expenditure



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



JD Project: Creek Zone (2024)

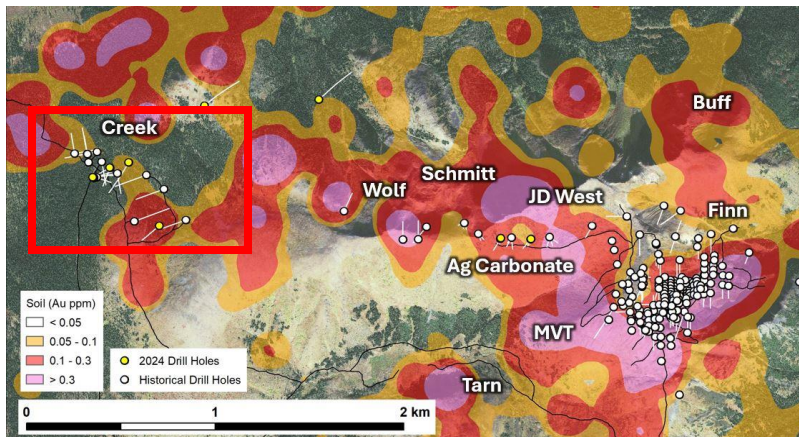
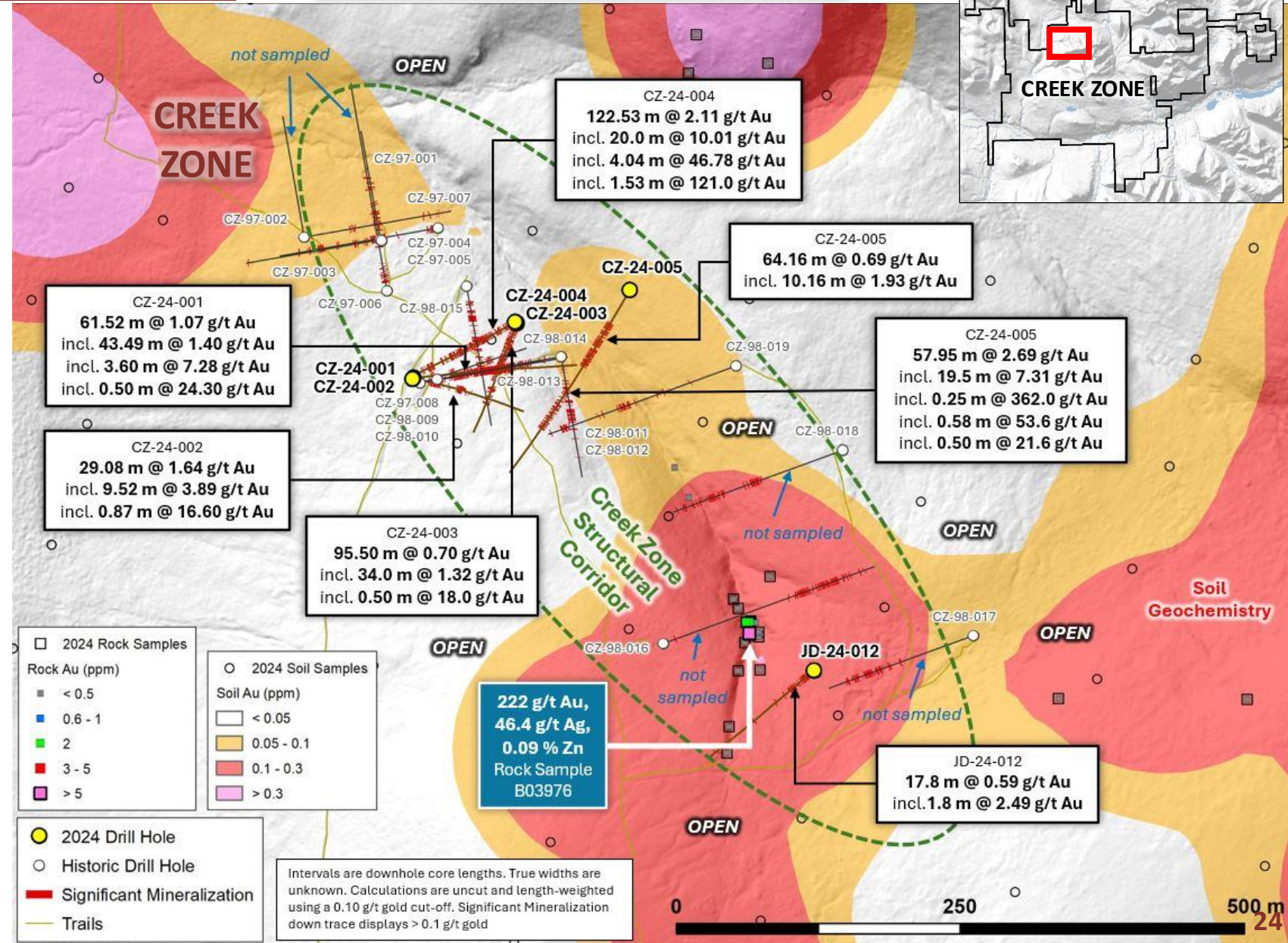
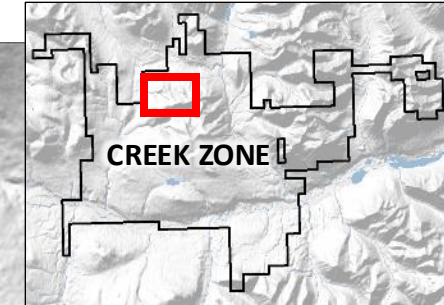


JD Project: Creek Zone

- High-grade, vein-hosted gold + base metal mineralization within broad zones of bulk-tonnage style gold mineralization
- 2024 program confirmed presence of continuous disseminated mineralization from surface
- Limited drilling, mineralization open in most directions
- Anomalous surface geochemistry proves near-surface potential

Highlight Drill Holes

CZ24-004: 122.5m @ 2.1 g/t Au inc. 1.5m @ 121.0 g/t Au
 CZ24-005: 58.0m @ 2.7 g/t Au inc. 19.5m @ 7.3 g/t Au
 CZ97-008: 22.0m @ 11.7 g/t Au inc. 4.0m @ 61.2 g/t Au
 CZ98-012: 21.5m @ 3.1 g/t Au inc. 3.0m @ 18.7 g/t Au



JD Project: Additional Target Areas

EPITHERMAL GOLD-SILVER AND PORPHYRY COPPER-GOLD POTENTIAL

- Toodoggone mineral belt known for high-grade epithermal Au systems, and large bulk-mineable porphyry Cu-Au systems
- Historical data dates back to the 1970's; data compilation is the first modern attempt at the JD project
 - ~16,000 soil samples, 2,000 rock samples, 130 trenches, over 330 drill holes, ground- and airborne-based geophysical surveys
- Both advanced stage and grassroots exploration targets;
- Open for expansion and testing
- Aggressive exploration program planned for 2025

