

MELKIOR

Take Part in Discovery

Q2 2025

FORWARD LOOKING STATEMENTS

This presentation contains certain statements that may be deemed “forward-looking statements”. All statements, other than statements of historical fact, that address events or developments that Melkior Resources Inc. expects to occur, are forward-looking statements.

Forward-looking statements are statements that are not historical facts and are generally, but not always identified by the words “expects”, “plans”, “anticipates”, “believes”, “intends”, “estimates”, “projects”, “potential” and similar expressions, or that events or conditions “will”, “would”, “may”, “could” or “should” occur.

Although Melkior Resources believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results may differ materially from those in the forward-looking statements. Factors that could cause the actual results to differ materially from those in forward-looking statements include market prices, exploration and production successes or failures, continued availability of capital and financing, inability to obtain required shareholder or regulatory approvals, and general economic market or business conditions.

Forward-looking statements are based on the beliefs, estimates and opinions of Melkior’s management on the date the statements are made.



COMPANY OVERVIEW

Melkior Resources is a Canadian exploration company focused on unlocking value by advancing its portfolio of high quality projects located in gold-rich areas of Canada. The Company's flagship assets include: **Beschefer East, Carscallen, and Genex.**

1 100% OWNERSHIP OF KEY PROJECTS

- Full ownership of the Carscallen Project and other key assets
- Ability to independently explore and develop promising, high-potential target areas

2 TIGHT CAPITAL STRUCTURE

- 34.8 million shares outstanding with ~7% owned by Management & Family
- ~9% Institutional ownership

3 PREMIER JURISDICTION

- All projects are located in the Abitibi Greenstone Belt (Ontario or Quebec)
- Both rank Top 10 globally according to the Fraser Institute

4 ALIGNED MANAGEMENT

- Large insider ownership and industry low G&A
- Over 80% of annual budget spent on exploration

5 AGGRESSIVE WORK PROGRAMS

- Extremely active at advancing our vast portfolio of assets in a productive and systematic manner

6 EXCEPTIONAL ASSETS

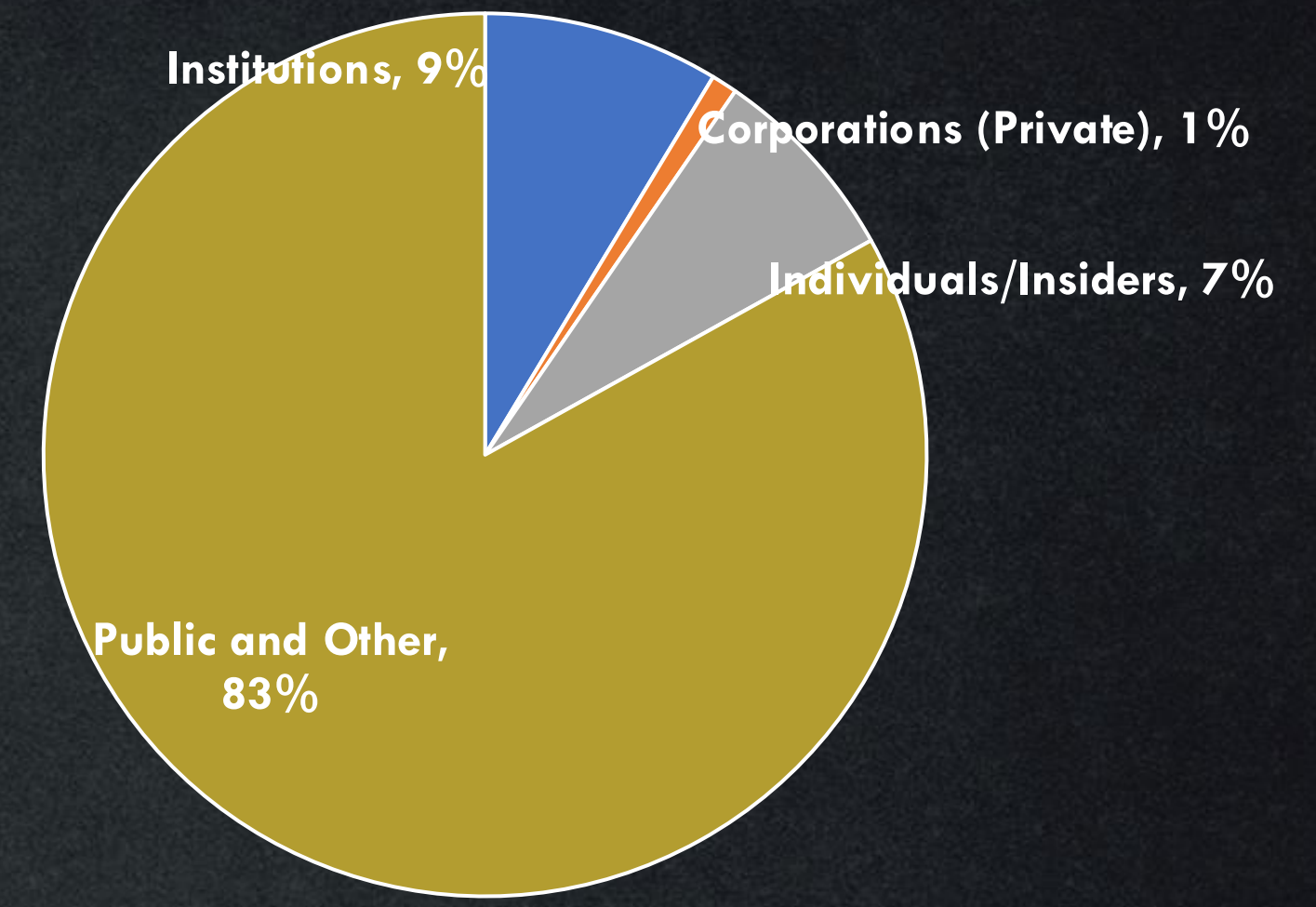
- Carscallen Project: High-grade gold system with 8 established zones/targets with 37 historical intercepts over 25 g/t Au
- Genex Project: VMS Potential with historical copper and gold production



CAPITAL STRUCTURE

Share Price (April 1 st)	C\$0.09
52 Week High /Low	C\$0.15 / C\$0.07
Shares Outstanding	34.8M
Warrants	1.6M @ 0.24 Avg
Options	1.35M @ 0.58 Avg
Fully Diluted	37.8M
Market Cap (Basic)	C\$3.0M
Cash and Inv (No Debt)	C\$1.1M*

*As of April 1, 2025
 **Market data as of April 10, 2024



■ Institutions
 ■ Corporations (Private)
 ■ Individuals/Insiders
 ■ Public and Other

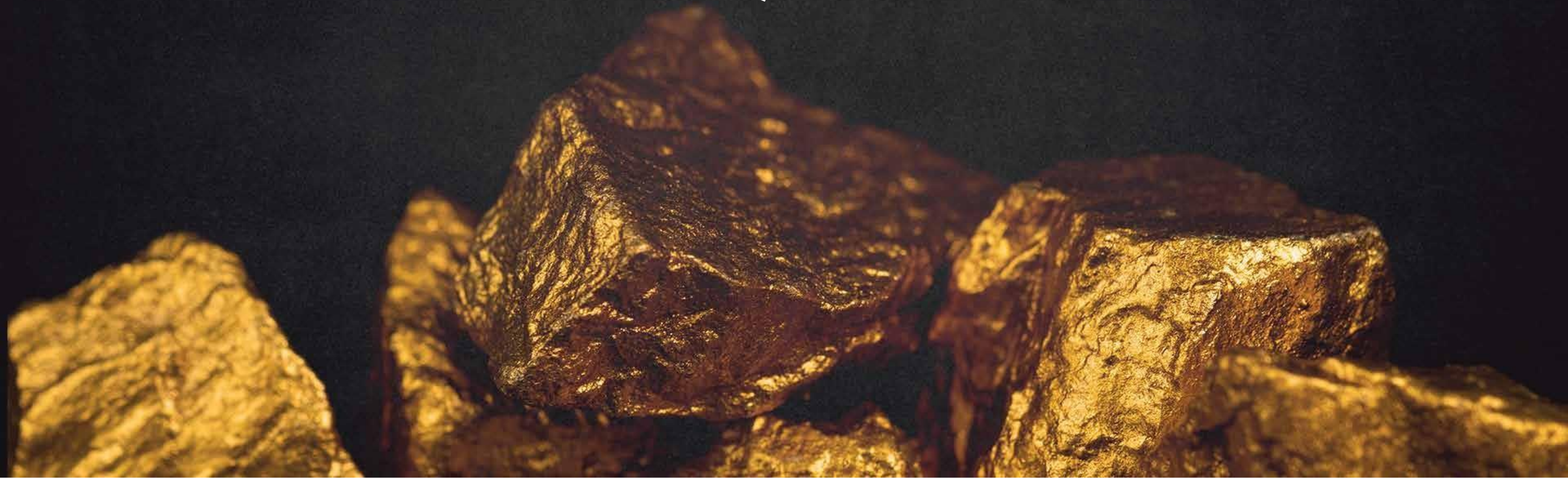


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THE CARSCALLEN PROJECT

Timmins, Ontario



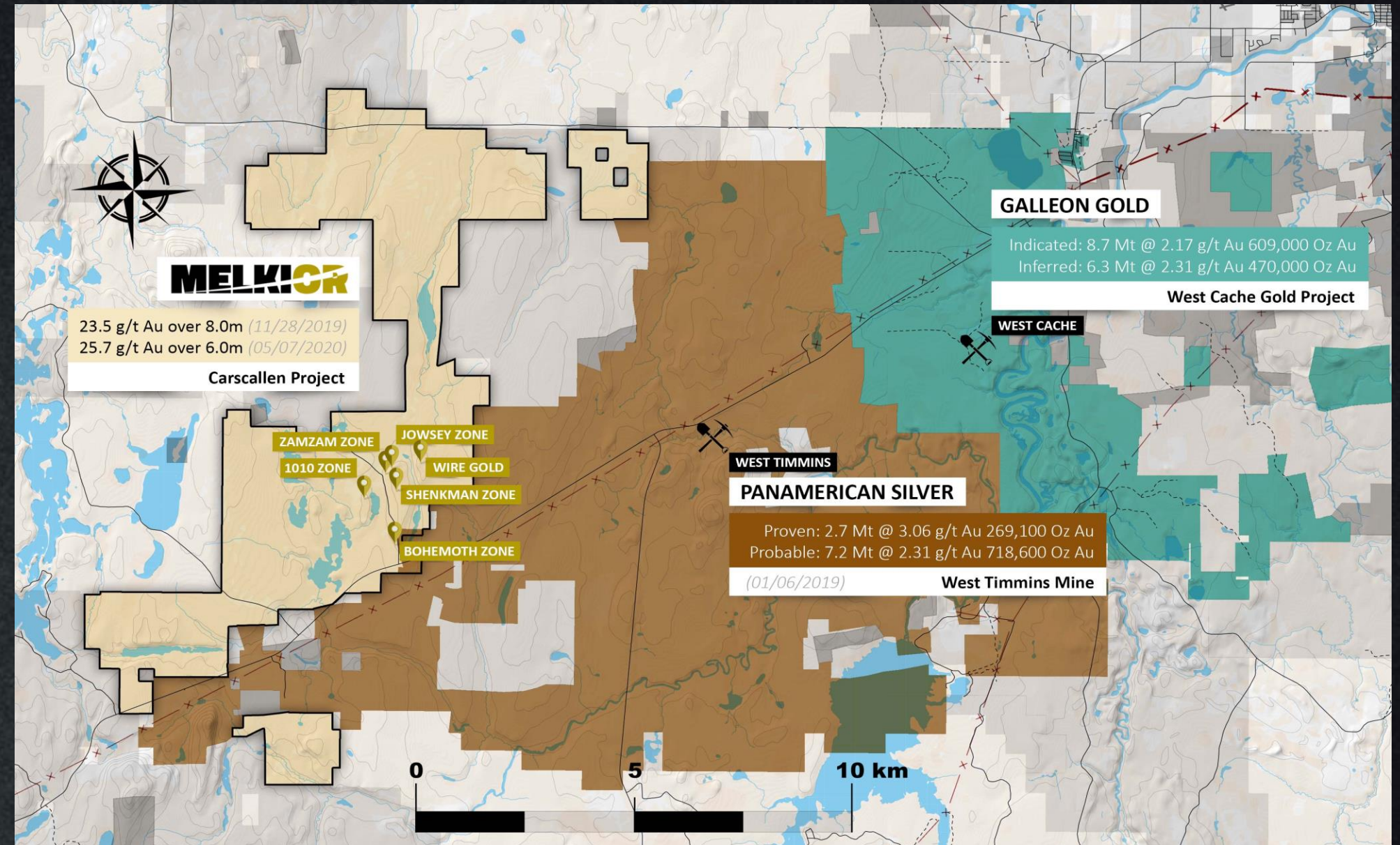
CARSCALLLEN PROJECT

❑ **Location:** The Carscallen Gold Project is located in the Abitibi Greenstone belt, 3 kms due north of the Porcupine Destor Fault Zone, one of Canada's richest gold camps having produced over **70 Moz of gold** historically.

❑ **The Right Neighbors:** The project shares approximately 9 km of common boundary with Pan American Silver's (C\$12.6B market cap) West Timmins Mine (2P Reserve of 9.9Mt at 2.5 g/t for 987koz Au), and Galleon Gold's (C\$18.4M market cap) West Cache Gold Project (I&I Resource of 15Mt at 2.2 g/t for 1.1Moz Au)

✓ The Carscallen Project:

- ❑ 25km West of Timmins in Northeastern, Ontario
- ❑ Superior access and infrastructure
- ❑ Highway 101 and power lines are within the project boundary
- ❑ The Project is accessible all year round



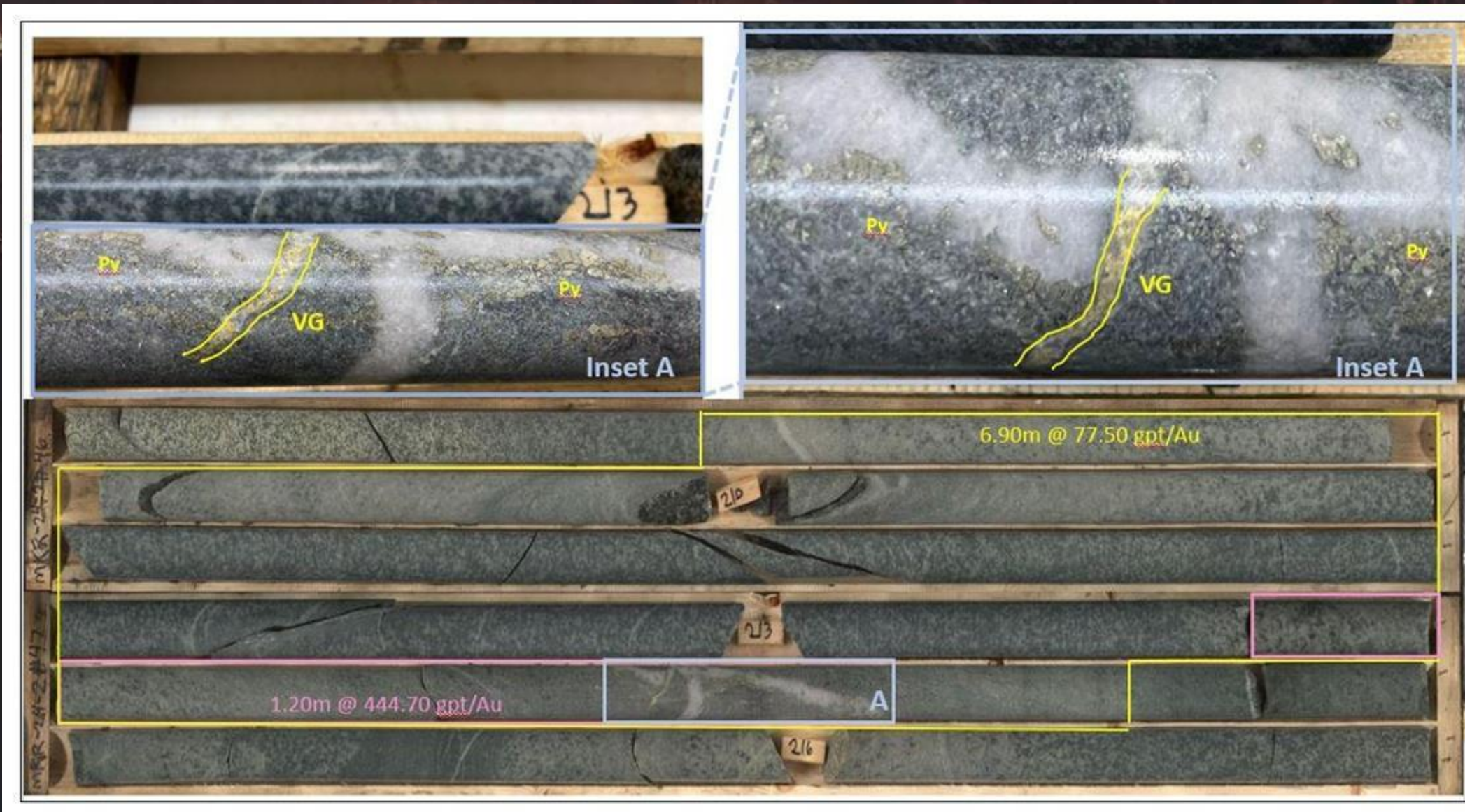
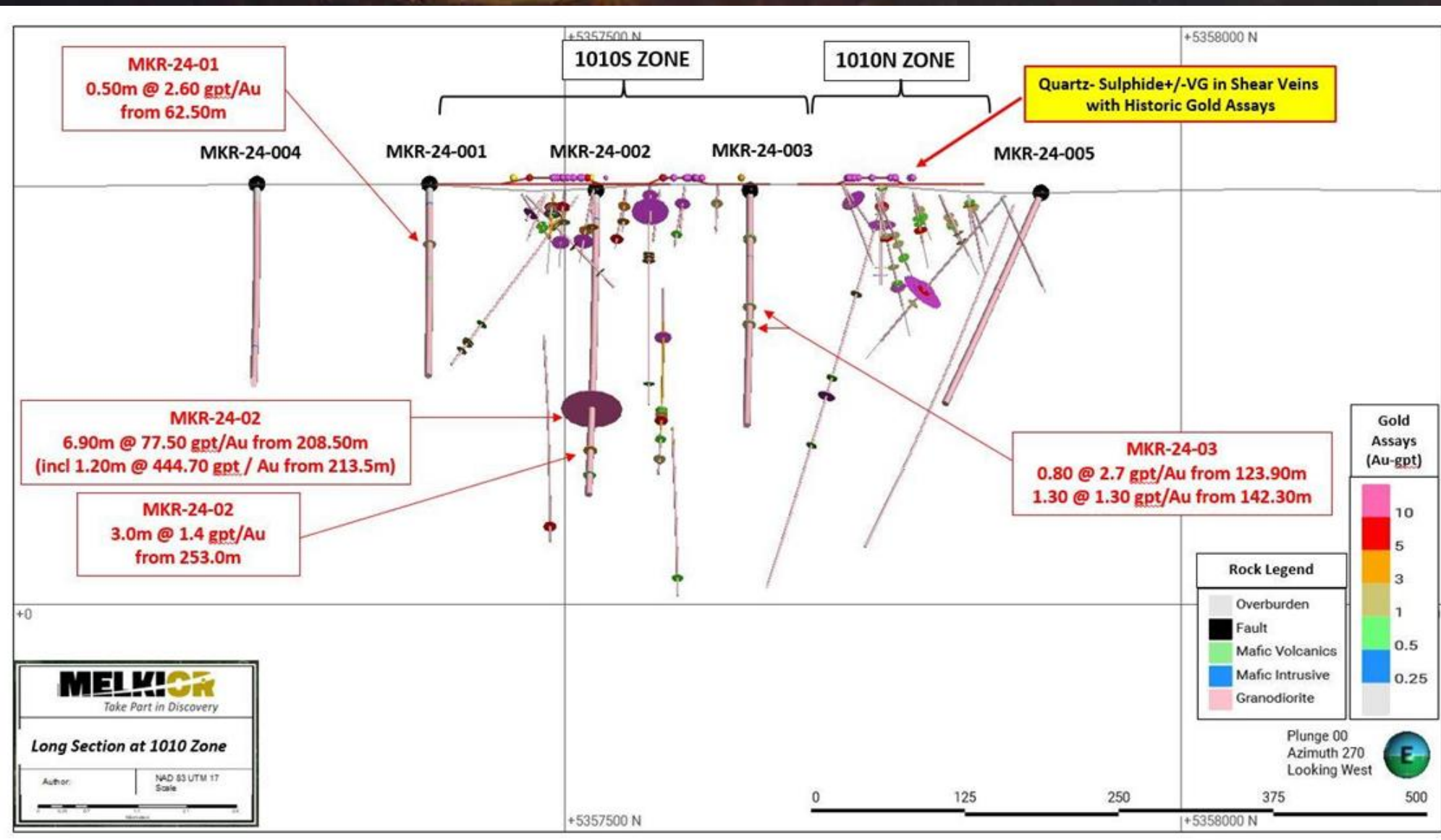
2025 Winter Drilling Program:

- ❑ Results from the 1,200m (5-hole) drill program aimed at testing the prospective 1010 target focused on demonstrating expansion potential along strike and down plunge of the N-S trend.
- ❑ Highlight results include: 1) 77.4 g/t Au over 6.9m including 445 g/t Au over 1.2m (DH MKR-24-002), and 2) 2.6 g/t Au over 0.5m (DH MKR-24-001).

DRILLING AT CARSCALLEN: VG Highlights Potential

Long section highlighting the recent drilling intercepts from holes MKR-24-001, MKR-24-002, and MKR-24-003 relative to historical drilling at the 1010 Gold Zone.

Core photo of Hole MKR-24-002 highlighting high-grade gold intercepts from 208.5 to 215.4 m at 77.4 g/t Au including 1.2 m at 445 g/t.

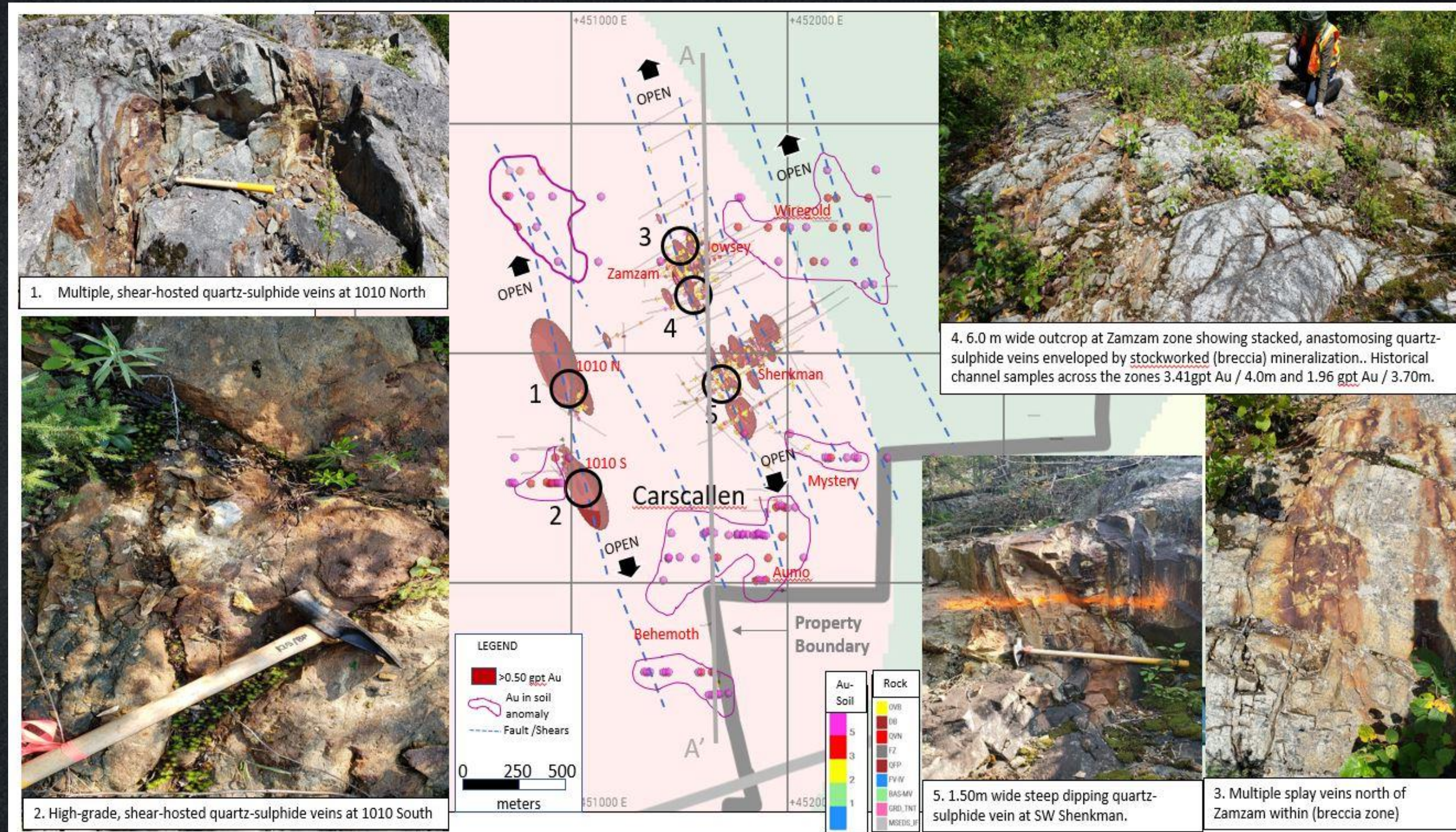


*Long section highlighting the recent drilling intercepts from holes MKR-24-001, MKR-24-002, and MKR-24-003 relative to historical drilling at the 1010 Gold Zone.

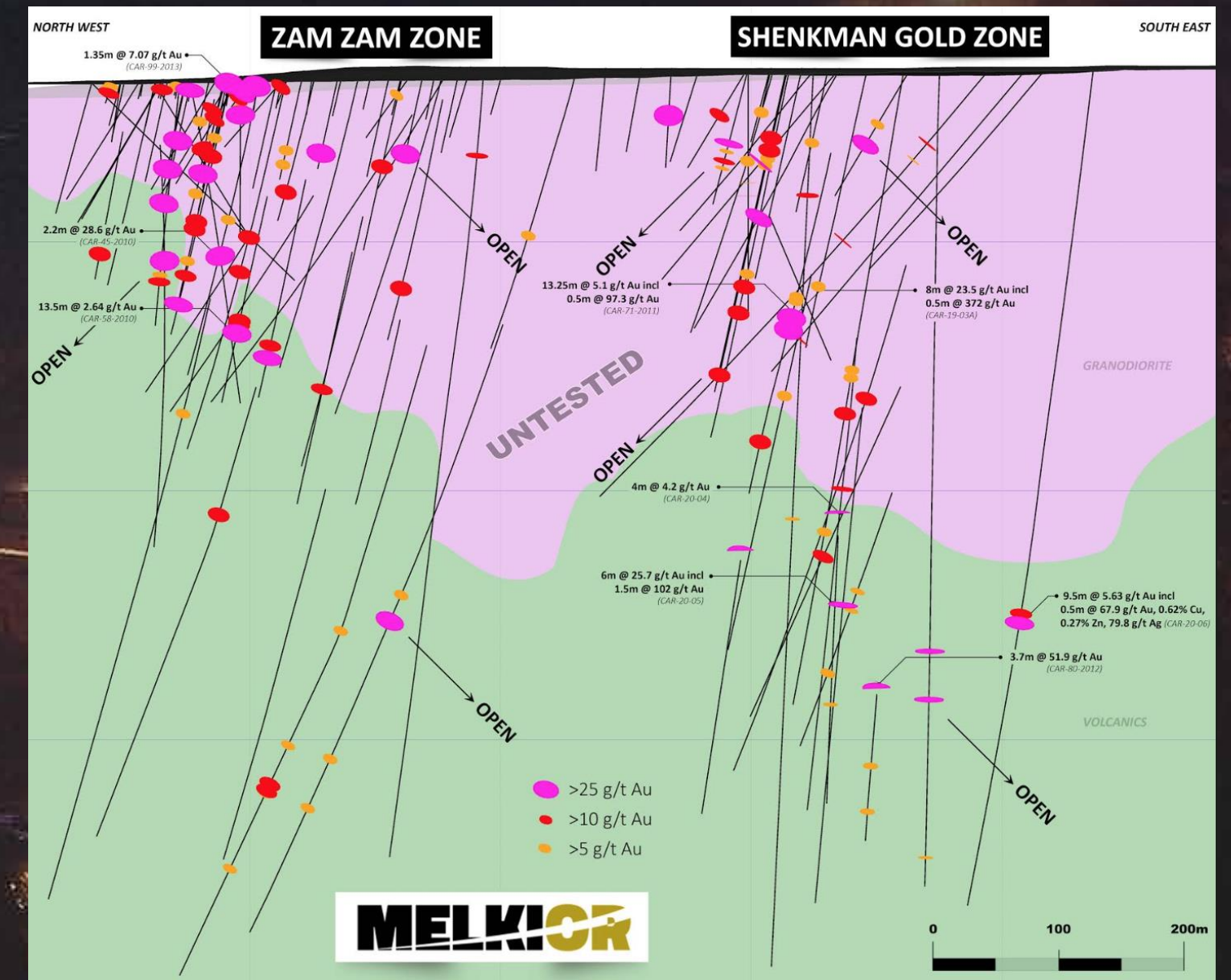
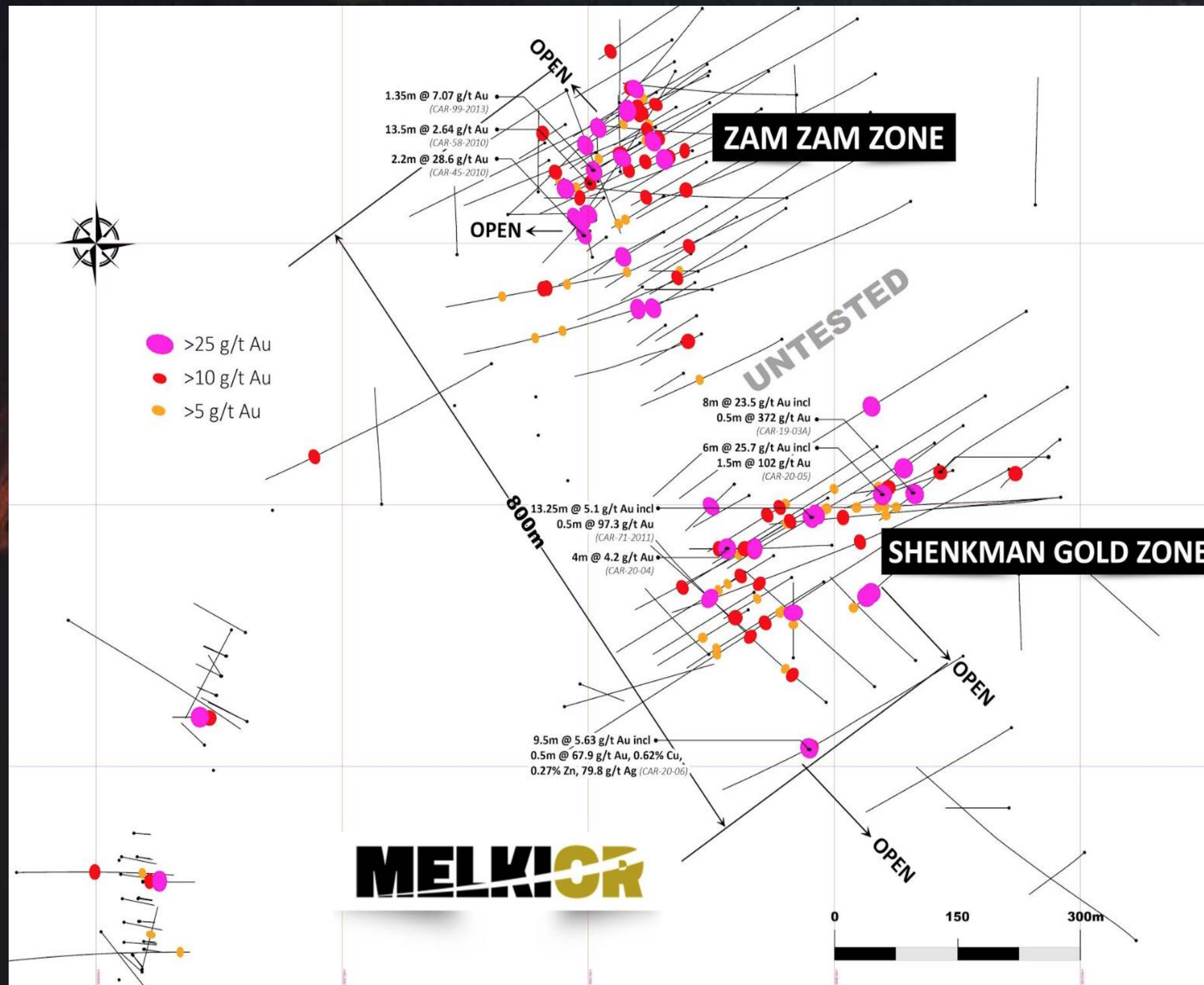
**The inset A photos highlights a deformed smokey quartz-sulphide veins with visible gold (VG) veinlets in a strongly altered granodiorite/ tonalite intrusive

CARSCALLEN PROJECT TARGET SUMMARY

- ❑ **The land package:** 320 claim units, covering over 47 square kms.
- ❑ **Previous work:** Drilling in 2020-2022 validated the high-grade gold system and extensions in addition to VMS potential.
- ❑ **The ZamZam Prospect:** gold bearing zone has been traced on surface for a length of 215 metres averaging 16 g/t gold.
- ❑ **Geology:** Potential for low-grade stockwork (breccia) mineralization enveloping the high-grade veins.
- ❑ **Structures:** Multiple gold-bearing faults based on surface work and drilling confirming continuity of the zones. Open on strike and at depth.
- ❑ **Upside:** Within the ZamZam and Shenkman Zones there has been 37 historical intercepts over 25 g/t Au.

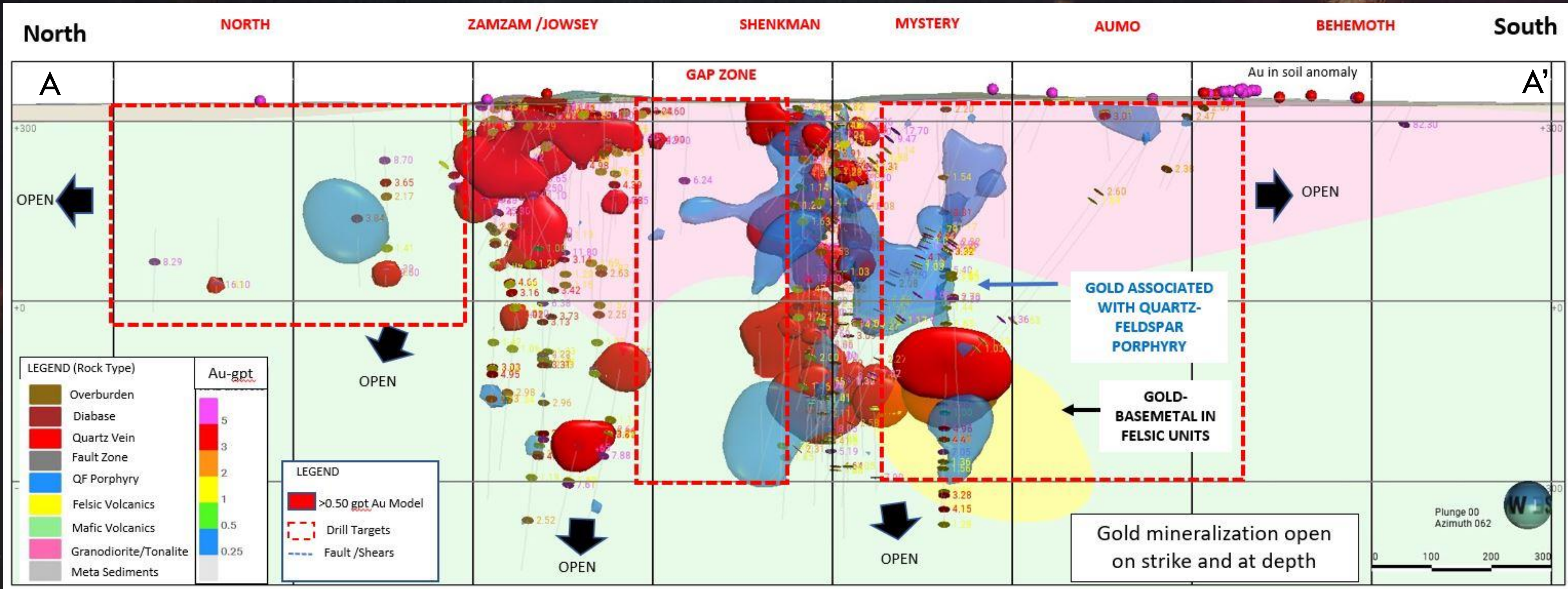


HISTORICAL INTERCEPTS



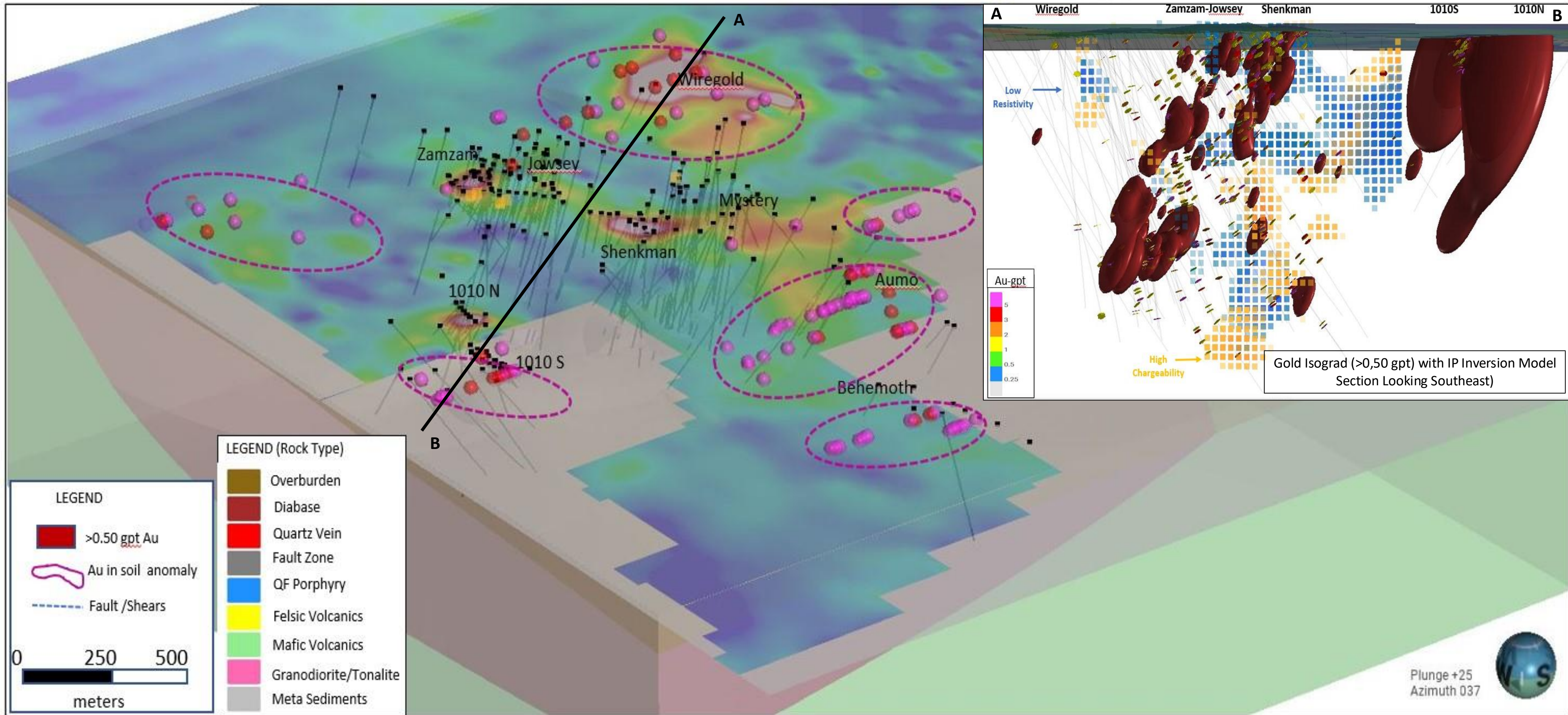
Hole ID	From	To	Width	Au g/t	Metal Factor
CAR-19-03A	426	434	8	23.5	188
CAR-80-2012	533	536.7	3.7	51.9	192
CAR-20-05	357	363	6	25.7	154
CAR-94-2013	126.95	127.55	0.6	140.5	84
CAR-71-2011	254	267.25	13.25	5.1	68
CAR-45-2010	181.55	184.5	2.95	21.42	63
CAR-61-2010	272	285.3	13.3	4.84	64
CAR-16-2009	79.9	80.8	0.9	56	50

DRILL INTERCEPTS AND BLUE-SKY POTENTIAL



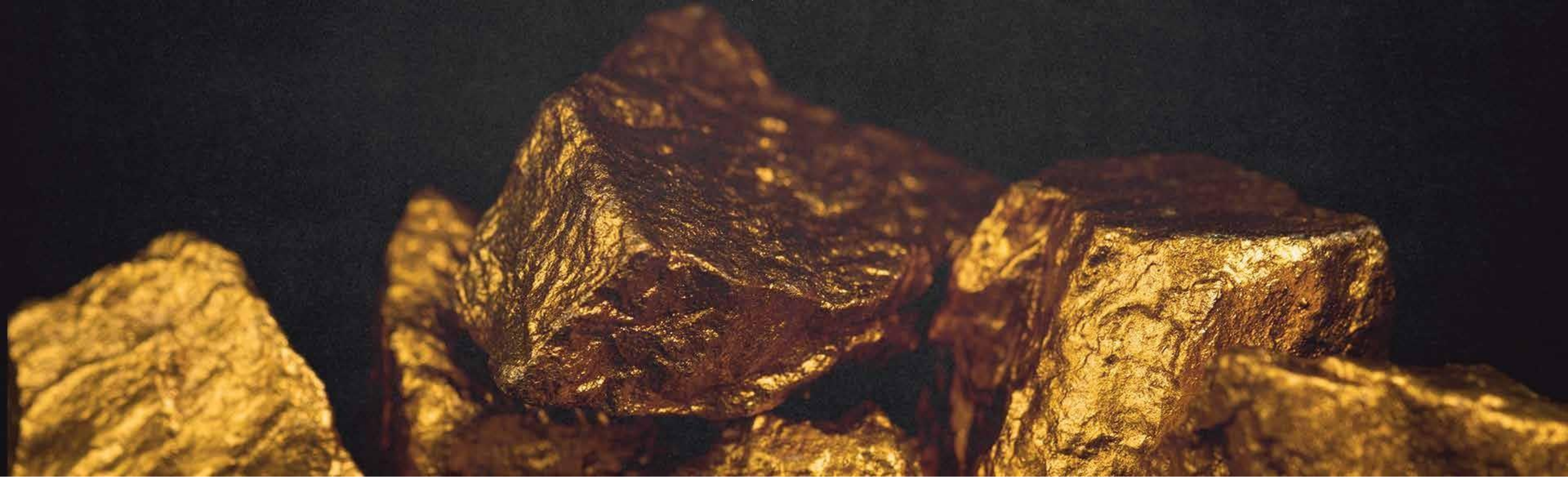
Carscallen Gold Project Long Section Showing 3D Modelled Geology and Gold Assays (Looking Northeast)

Carscallen 3D Model on IP Chargeability with Gold-in-Soil Anomaly



THE BESCHERFER EAST PROJECT

Detour, Quebec



BESCHEFER EAST PROJECT

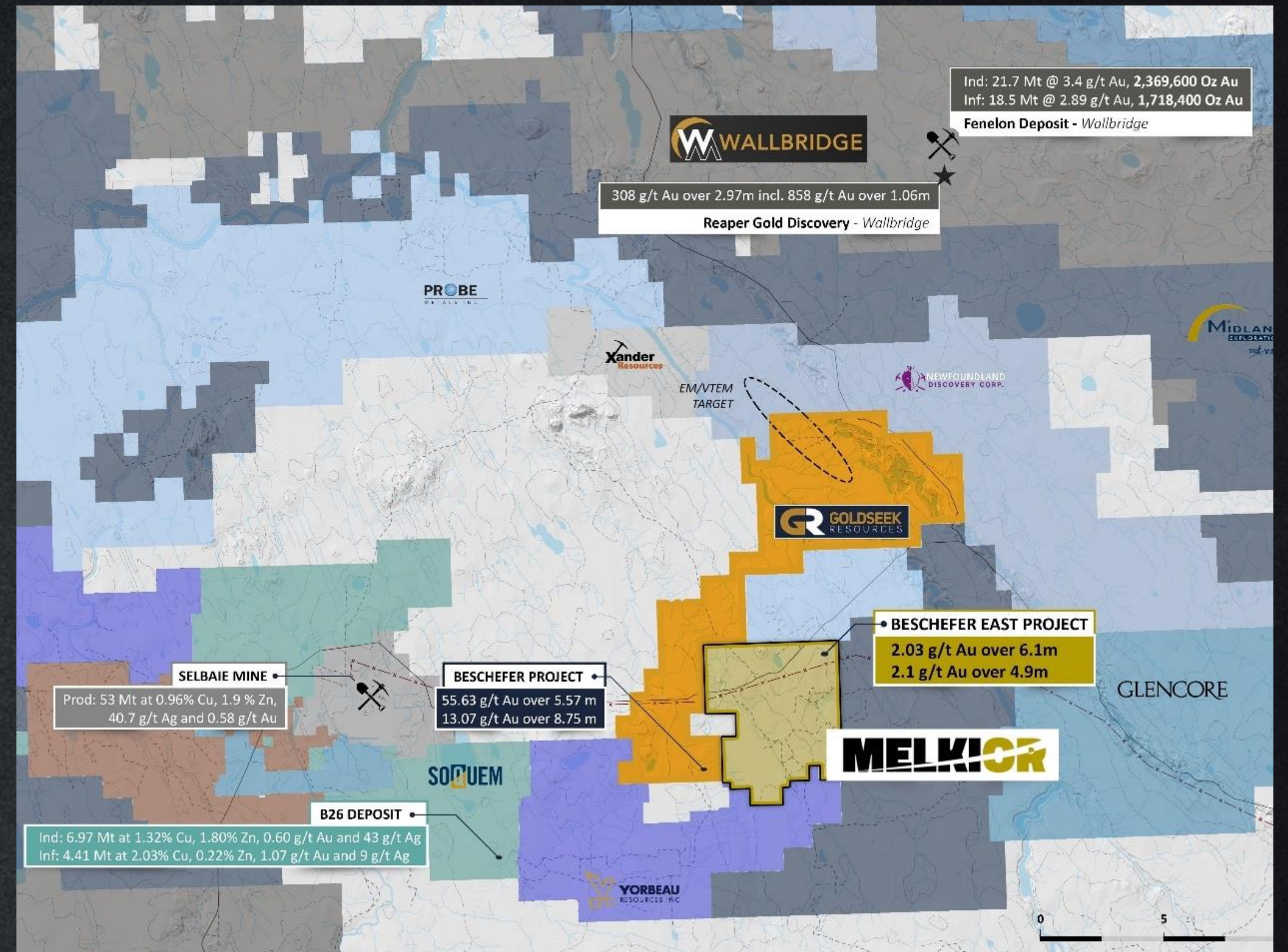
Location:

- Contiguous claims (7,180 acres) in the Detour Gold Camp, located 14km east and 45 km north of BHP's (C\$156B market cap) Selbaie (53 Mt @ 1% Cu, 2.0% Zn, 0.6 g/t Au and 41 g/t Ag) and Hecla Mining's (C\$5.0B market cap) Casa Berardi Mines (2P Reserve of 2.5 g/t for 1.2 Moz Au).
- 30 km from Wallbridge's (C\$55.0M market cap) Fenelon Gold Deposit (I&I Resource of 40.1 Mt at 3.2 g/t Au for 4.1 Moz Au) and 7 km east of Abitibi Metals' (C\$30.9M market cap) B26 deposit (I&I Resource of 18.5Mt at 2.16% CuEq for 880 Mlbs).

- Systematic exploration** has outlined three targeted gold structures, each 2-3 km in size, open for expansion that are largely untested.

Historic Results: Beschefer East highlight intersections:

- 2.03 g/t Au over 6.1 metres**
- 2.1 g/t Au over 4.9 metre**
- 0.26 % Cu over 4.8 metres**



Pending Drill Results from its Recent Winter Exploration Program



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*Market data is as of April 10, 2024

BESCHEFER EAST – Results

- Power Line Target Results: The Power Line Target is located at the northern part of the property. Highlight results include:
 - Intervals of 2 to 5 g/t over lengths of 0.5 to 6 meters within a 70-meter interval (Hole 1172-99-30).
 - Intercepted 2.1 g/t over 5.4 meters, including 7.9 g/t over 0.9 meters (Hole 1172-13-40).

- Mineralization:
 - Host Rock: Quartz-carbonate centimetric veins network cross-cutting felsic to intermediate volcanic rock.
 - Alteration: Variable pervasive alteration with minor amounts of pyrite.

- Southern Property:
 - In the southern half of the property, Hole 1172-98-24 intersected mineralization similar to that found in the northern part, hosted in deformed and carbonate-altered andesite.

- Pending Results:
 - A six-hole winter drill program with a total of 1,050 drill metres is under way at the Beschefer East Project. This drill program was designed to test new targets identified from a biogeochemical gold-copper anomalous region of the property.

Drill Hole	From (m)	To (m)	Length (m) ¹	Au (g/t)
1172-98-24	196.0	197.5	1.3	3.2
1172-99-30	127.7	128.7	1	4.99
	184.1	184.7	0.6	5.38
	191.8	197.9	6.1	2.03
1172-13-40	92.1	97	4.9	2.1
Incl.	92.1	93	0.9	7.88
1172-13-41	37	43	6	1

Drill Hole	From (m)	To (m)	Length (m) ¹	Cu (%)
1172-98-28	146.57	151.4	4.8	0.26
1172-13-34	171	175	4	0.24

BESCHEFER EAST – Option Terms

% Ownership	Date	Cash	Shares	Work Expenditures	Status
100% Option	Upon execution of the Definitive Agreement	\$50,000	50,000	N/A	Paid
	First Anniversary	\$0	100,000	\$375,000	Paid
	Second Anniversary	\$0	150,000	\$750,000	N/A
	Third Anniversary	\$0	200,000	\$1,500,000	N/A

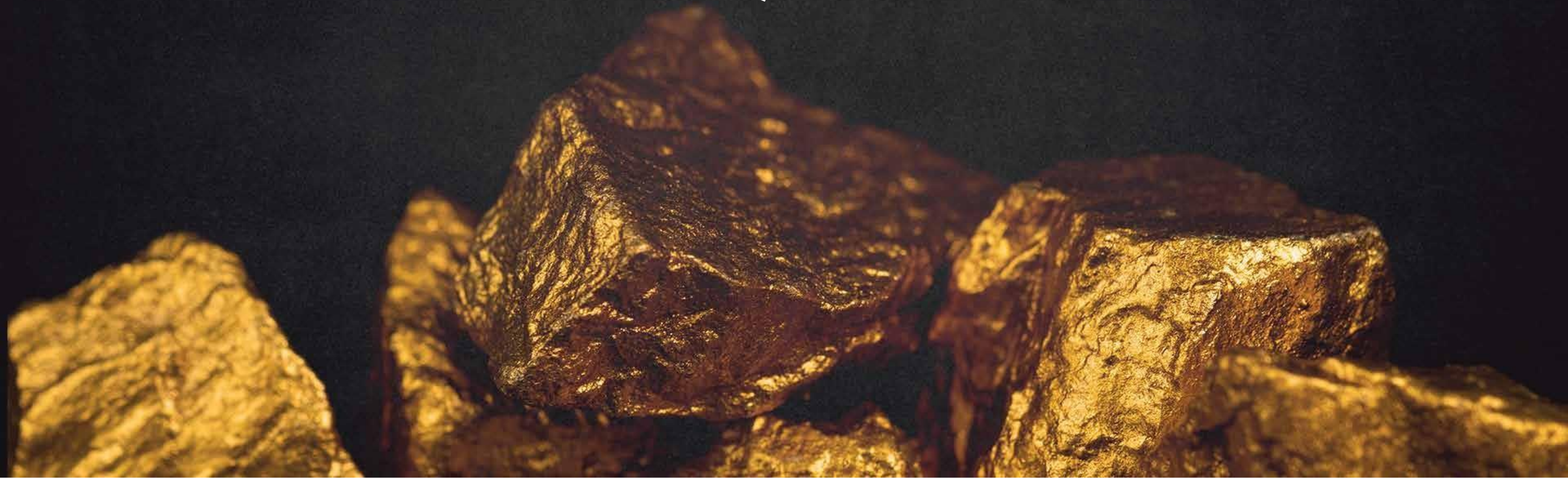
Note 1: ****Accumulated Total Work Commitment****

Note 2: *Issued at the higher of 0.20 per share or the weighted average price of the common shares for the 10 trading days immediately preceding the date of the Definitive Agreement



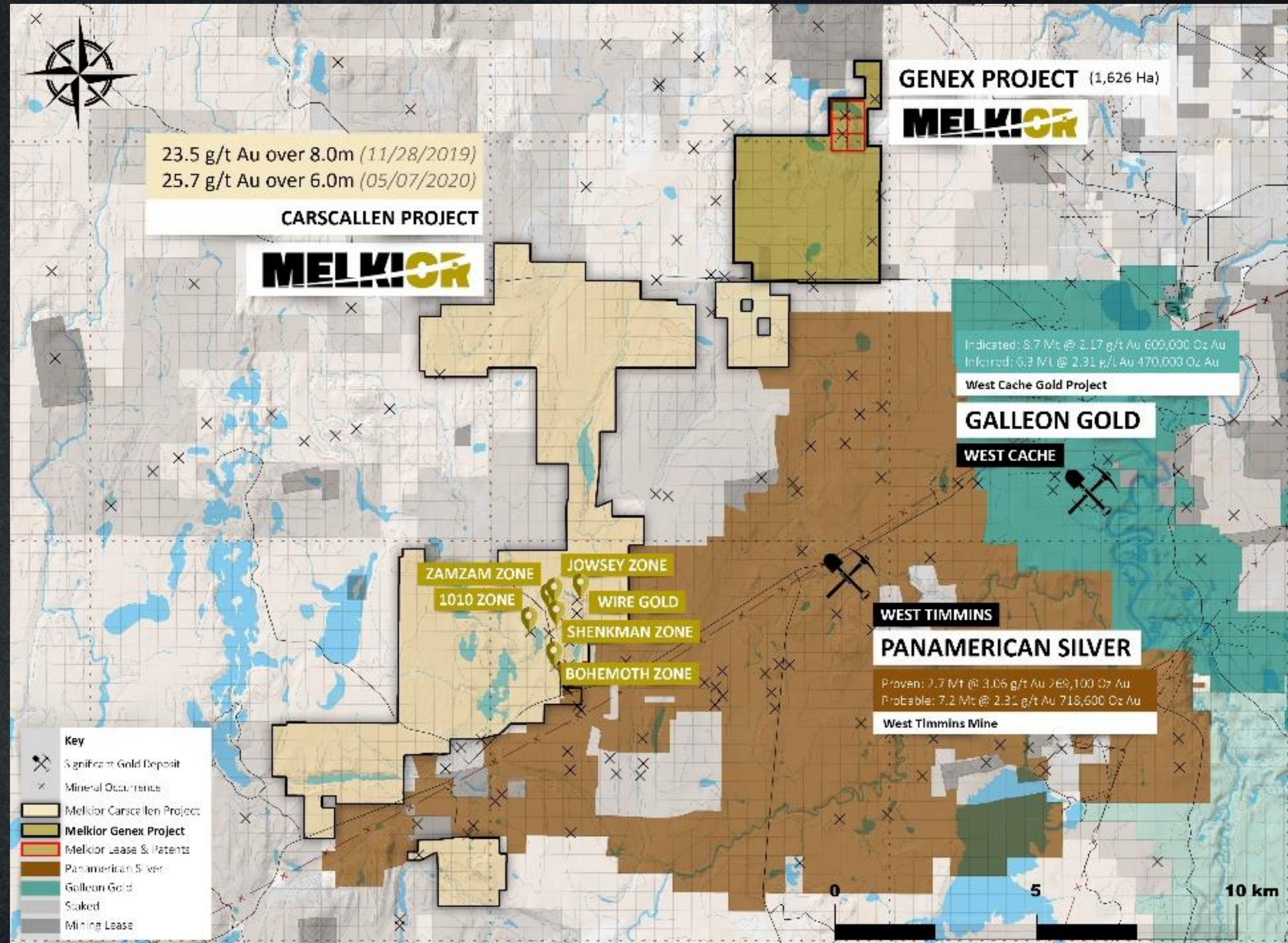
THE GENEX PROJECT

Timmins, Ontario



GENEX PROJECT

- **Land Package:** Contiguous claims (4,000 acres) in the West Timmins Gold Camp, 20 km west of Timmins
- **Size and scale:** Potential for delineating a polymetallic open-pitiable resource while targeting a massive sulphide source and gold enrichment trends
- **Genex highlighted intersections:**
 - **2.26 g/t Au Eq over 33.85 metres** (1.14 g/t Au, 0.45% Cu & 0.58% Zn)
 - **2.15 g/t Au Eq over 39.0 metres** (0.20 g/t Au, 0.27% Cu & 0.53% Zn)
 - **1.28 g/t Au Eq over 52.1 metres** (0.48 g/t Au, 1.17% Cu & 0.14% Zn)
 - **2.56 g/t Au Eq over 26.8 metres** (1.27 g/t Au, 0.18%Cu , 1.34% Zn & 4.7 g/t Ag)



GENEX PROJECT – 3D Model

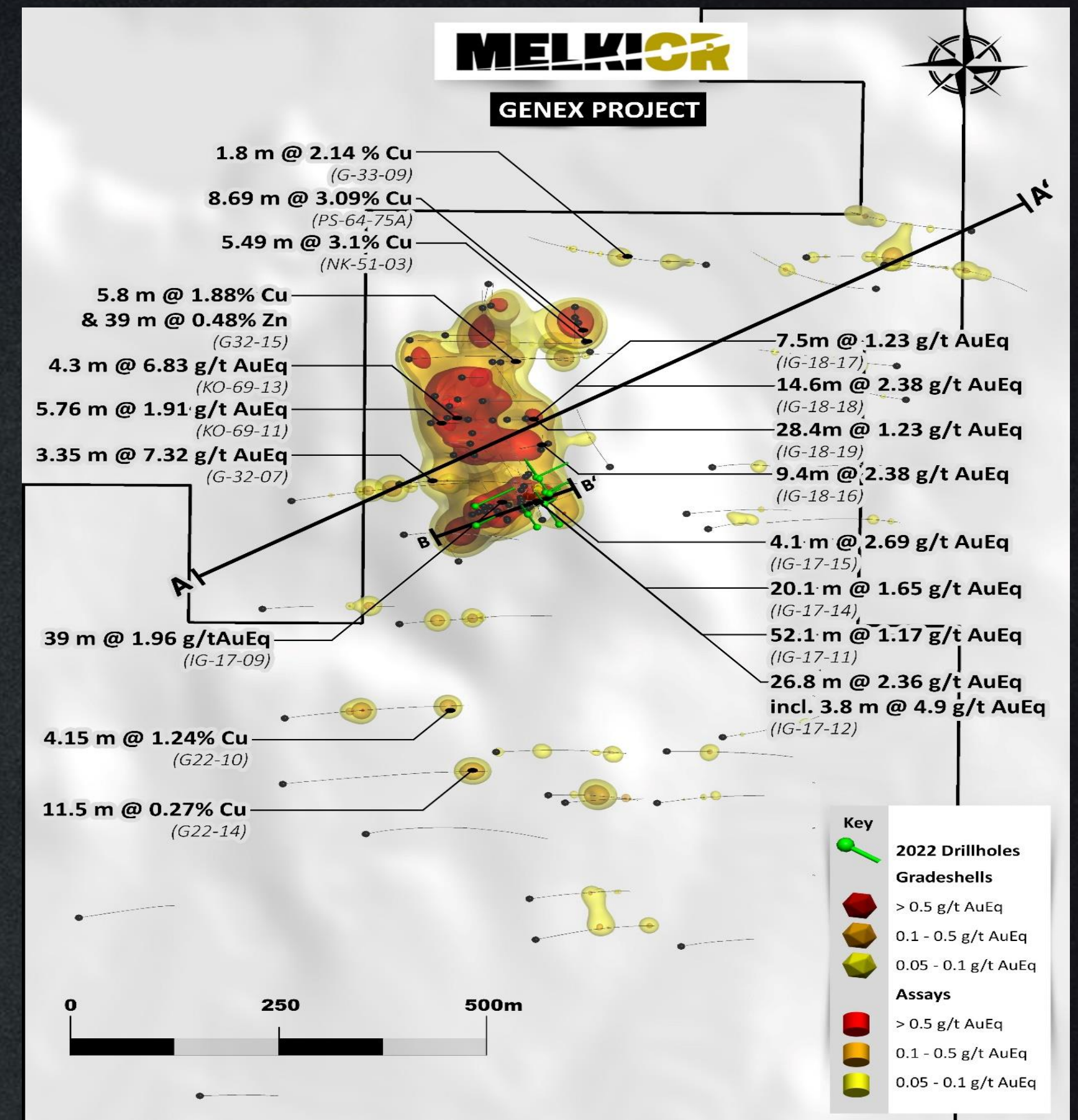
First DDH compilation and 3D model:

- gold and base metal grade distribution is modelled (Leapfrog) to a vertical depth of 300 metres, 300 metres down dip and 500 metres along strike.
- Mineralized intervals at the limit of the model result in the Genex Zone being open in all directions.

Model Details:

- Based on 150 holes representing 50,000 metres with a total of only 8,109 metres of total historical assays
- The spacing between holes is variable, ranging between 20 to 200 metres.
- The 3D model is the first tool to capture the spatial distribution of gold, copper, zinc and silver assays.

- Historical resource (Non 43-101): 1 Million Tonnes of Copper using a cut-off grade of 1% with no gold or zinc values were calculated in this historical resource



3D Plan view of the Genex Gold-Copper system. Leapfrog software grade shells using inverse distance interpolation of a gold equivalent grade for gold + copper + zinc + silver

GENEX PROJECT – 2023 Drill Program

□ Summary:

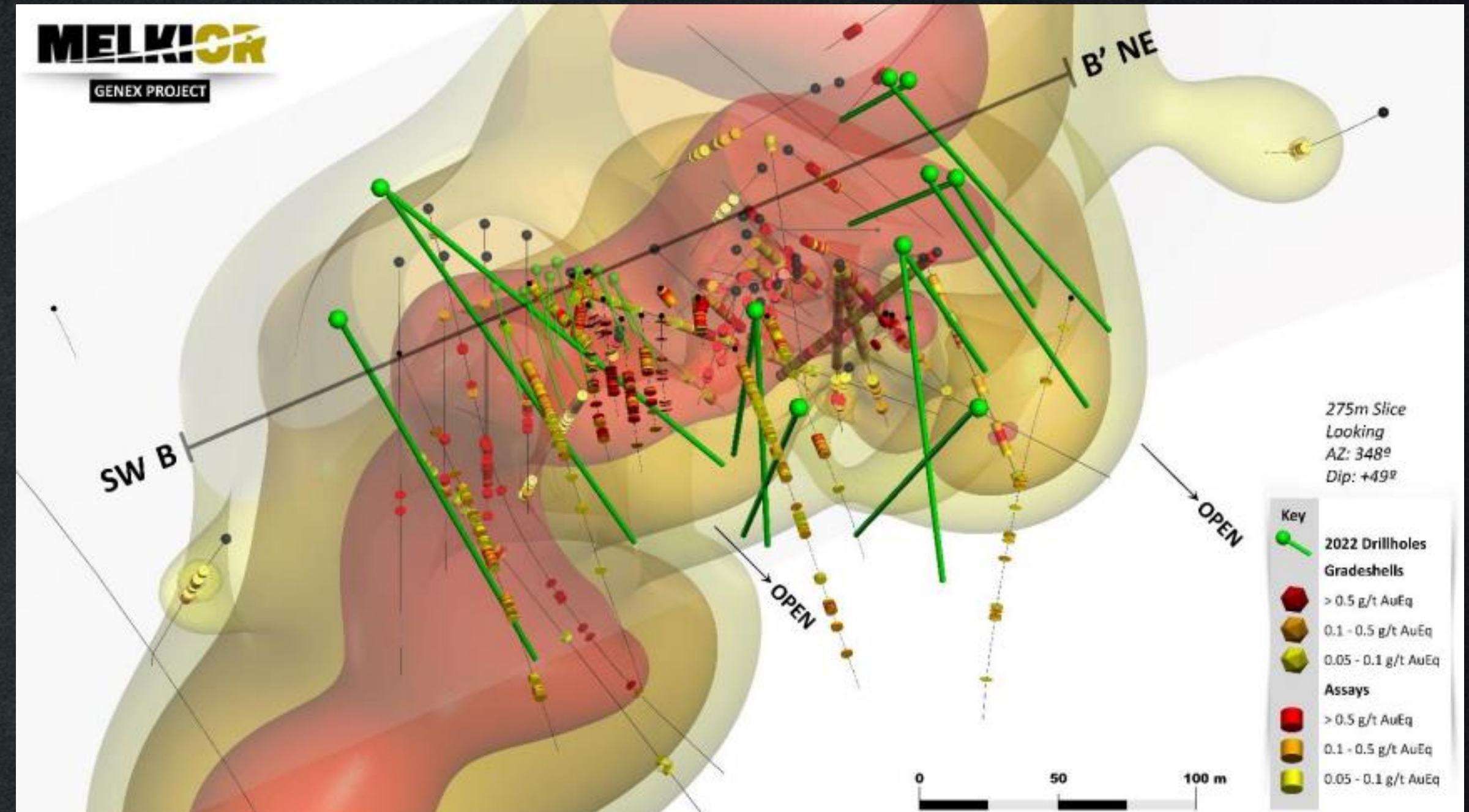
- The Company announced final results from a 4,194-meter drill program at the Genex Project in Timmins, Ontario, during the summer of 2023.

□ Results:

- GEN-22-24 intersected 0.75% Cu and 12.1 g/t Ag over 8.5m and GEN-22-25 hit over 1.24% Zn over 14.0m, extending the Genex system 200m north of the historical mine site.

□ Program Scope:

- The Final Phase of the drill program incorporated 14 holes totaling 2,220m that tested the Genex Northwest Extension and Gossan Target.
- GEN-22-14 and GEN-22-17 filled gaps in historical zones, intersecting low-grade disseminated mineralization and copper rich stringers near the shaft area.



GENEX PROJECT – Option Terms

% Ownership	Date	Cash	Shares	Work Expenditures	Credits	Status
First Option: 50%	20 days from the Effective Date	\$50,000	500,000	N/A	\$500,000 in assessment credits from Melkior's Carscallen Project	Complete
	First Anniversary	\$50,000	500,000	\$750,000	N/A	Complete
	Second Anniversary	\$50,000	500,000	\$1,750,000	IEP is permitted to remove \$500,000 in assessment credits from the Genex Property during Year 2	Suspended
	Third Anniversary	\$100,000	1,000,000	\$2,750,000	IEP is permitted to remove \$500,000 in assessment credits from the Genex Property during Year 3	
Second Option: 100%	Exercisable after the completion of the First Option	N/A	2,500,000	N/A	N/A	

Note 1: **Accumulated Total Work Commitment**



MANAGEMENT & DIRECTORS

| Jon Deluce, CPA, CA

CEO and Director

Mr. Deluce obtained his CPA/CA while working at Ernst & Young in the Assurance practice. While at EY he lead quarterly and year-end audit engagements on NYSE and TSX clients in the construction, mining and power / utilities industries. Mr. Deluce founded Silverwater Capital which specializes in exploration property acquisitions in Ontario and Quebec.

| Norman Farrell

Director

Founder and first president of Melkior Resources Inc, then Messeguy Mines Inc, from 1987 to 1993 he sat on the board of numerous junior mining companies both as director and officer.

| Eric Myung

Chief Financial Officer

Eric Myung is a Senior Financial Analyst of Marrelli Support Services Inc., providing CFO, accounting, regulatory compliance, and management advisory services to numerous issuers on the TSX, TSX-Venture and other Canadian and US exchanges. Previously, Mr. Myung has worked at public accounting firms focused on small and medium business for seven years. Mr. Myung is a Canadian Professional Accountant and has a Master of Accounting degree from University of Waterloo.

| Jim Deluce

Director

Mr. Deluce obtained his Industrial Engineer from the University of Toronto. He has 40 years extensive experience in leadership roles, including both business ownership and business management.



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