KIRKLAND LAKE DISCOVERIES

DISTRICT-SCALE EXPLORATION

IN THE ABITIBI GREENSTONE BELT

CORPORATE PRESENTATION | SEPTEMBER 2026

TSX-V: **KLDC** | US-OTC: **KLKLF**

DISCLAIMER

This presentation contains certain forward-looking statements within the meaning of Canadian securities legislation (the "Forward-looking Statements"). The Forward-looking Statements relate to future events or Kirkland Lake Discoveries Corp. ("Kirkland Lake Discoveries" or "KLDC"), future performance, business prospects or opportunities. Any statements that express or involve discussions with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions or future events or performance (often, but not always, using words or phrases such as "seek", "anticipate", "plan", "continue", "estimate", "expect", "forecast", "may", "will", "project", "predict", "potential", "targeting", "intend", "could", "might", "should", "believe", "outlook" and similar expressions) are not statements of historical fact and may be Forward-looking Statements.

Forward-looking Statements in this presentation include, but are not limited to, statements with respect to KLDC's future plans and exploration programs, including the timing of such plans and programs, and the merits of KLDC's mineral properties.

Although Kirkland Lake Discoveries believes that these Forward-looking Statements are based on reasonable assumptions, all Forward-looking Statements involve known and unknown risks, uncertainties and other factors that may cause the actual results, performance, achievements, events, or circumstances of KLDC to be materially different than expressed or implied by the Forward-looking Statements. Such risks include, among others, uncertainties related to fluctuations in metal prices; uncertainties inherent in the exploration of mineral properties; risks associated with the interpretation of drilling results and other tests; changes in planned work resulting from weather, logistical, technical or other factors; the possibility that results of work will not fulfill expectations and realize the perceived potential of KLDC's mineral properties; the possibility that required permits may not be obtained in a timely manner or at all; risk of accidents, equipment breakdowns or other unanticipated difficulties or interruptions; the possibility of cost overruns or unanticipated expenses in work programs; the risk of environmental contamination or damage resulting from the exploration operations; the need to comply with environmental and governmental regulations; and the availability, or lack thereof, of capital and financing.

These Forward-looking Statements speak only as of the date of this presentation. Except as required by applicable securities laws, KLDC undertakes no obligation to update these Forward-looking Statements if management's beliefs, estimates or opinions, or other factors, should change.

For more information on Kirkland Lake Discoveries, readers should refer to KLDC's website at www.kirklandlakediscoveries.com.

QUALIFIED PERSON

Ben Cleland, P.Geo., VP Exploration, who is a Qualified Person as defined in National Instrument 43-101, Standards of Disclosure for Mineral Projects, has reviewed and approved the technical content of this presentation on behalf of the Company.

INVESTMENT HIGHLIGHTS

World-Class Jurisdiction

Ontario, Canada. The heart of the prolific Abitibi Greenstone Belt, known for exceptional infrastructure and safety.

Unmatched Scale

Largest landholder in the Kirkland Lake Camp spanning over 42,000+ hectares of highly prospective ground

Proven High-Grade

Recent drilling at the flagship Mirado Gold Project confirms continuous, high-grade mineralization.

Top-Tier Backing

Strong institutional backing including Orecap Invest Corp., New Found Gold, Eric Sprott, EarthLabs and Rob McEwen

KLM26-001
Mirado South Zone

STRONG BACKING, STRONG TEAM

ORECAP	19.9%
NEWFOUND GOLD CORP	13.1%
ERIC SPROTT	8%
EARTHLABS	7.9%
ROB MCEWEN	4%

Denis Laviolette
Executive Chairman

Stefan Sklepowicz
Chief Executive Officer

Ben Cleland
VP Exploration

205.6M	$61.6M	15.7M	27.0M	$4.2M
*Shares Outstanding**	*Market cap @ $0.30**	*Options**	*Warrants**	*Cash***

* as at August 31, 2026 ** as at June 30, 2026

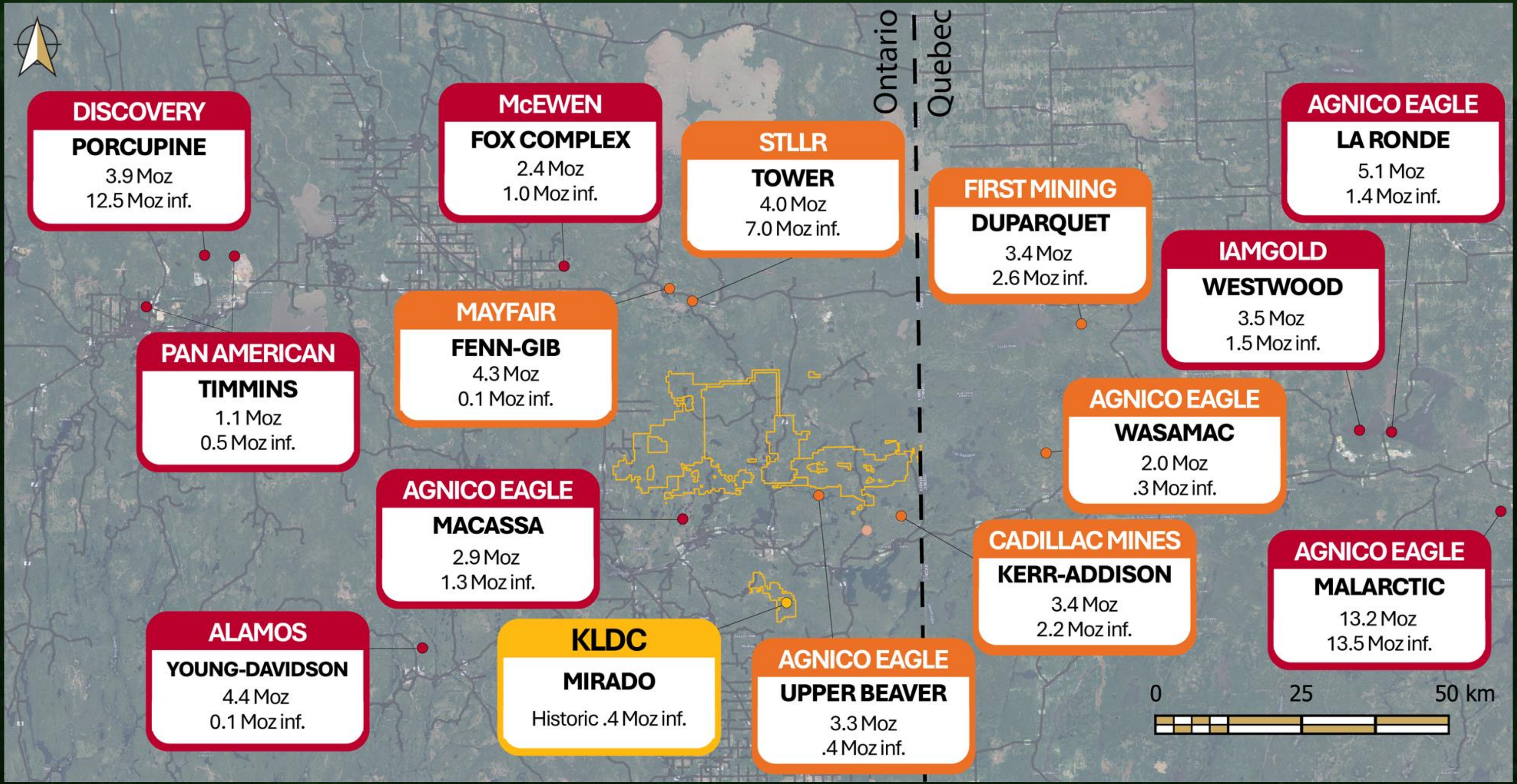
MINING COUNTRY

TIER-1 JURISDICTION
Located in the heart of the prolific Abitibi Greenstone Belt

PROVEN ENDOWMENT
Surrounded by over 50 Moz of established resources

STRATEGIC HUB
A consolidated land package directly flanked by major producers

TURNKEY INFRASTRUCTURE
Direct, year-round access to highways, regional power grids, and local mills



Operating Mine | Mine in Development | Kirkland Lake Discoveries

OUR PROJECTS

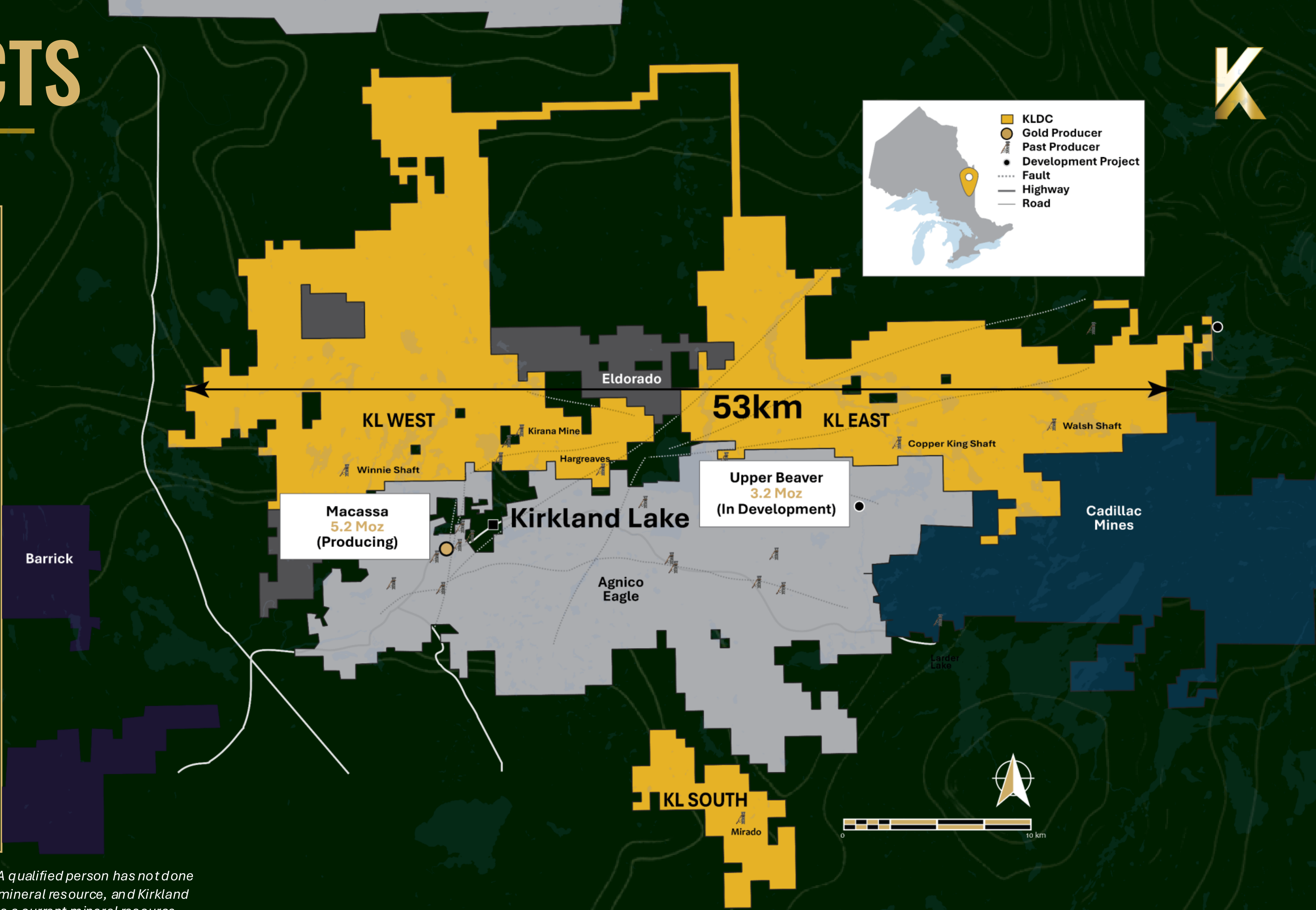
42,000+ ha in established brownfields camp

Ontario is a Tier-1 mining friendly jurisdiction

KL South: 442koz @ 1.29 g/t (Inf.)* historical resource at Mirado

Multiple signatures of mineralization: **IRGS**, **orogenic** & **VMS** targets

Historical gold production in Kirkland Lake Camp is over **47 million ounces**



The historical estimate is based on work completed in 2013. A qualified person has not done sufficient work to classify this historical estimate as a current mineral resource, and Kirkland Lake Discoveries Corp. is not treating the historical estimate as a current mineral resource.

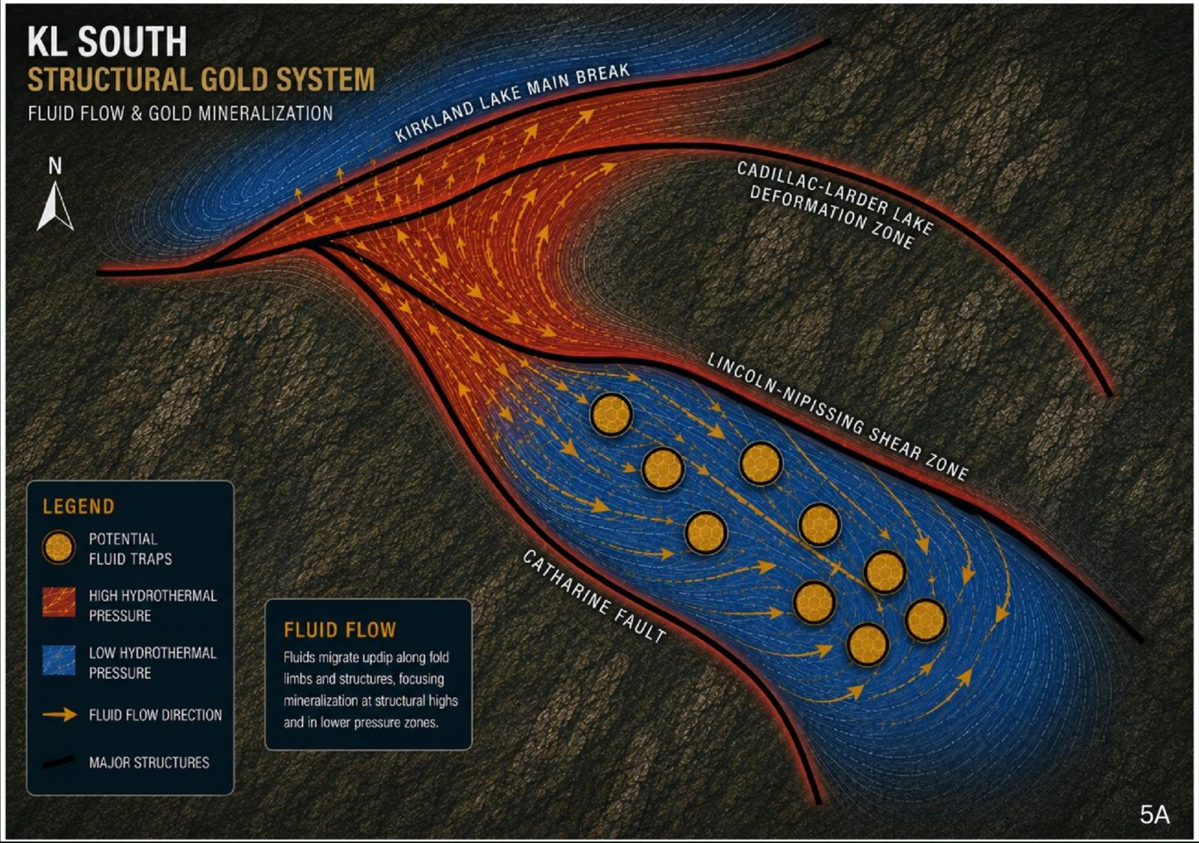
KL SOUTH: UNDERSTANDING THE SYSTEM

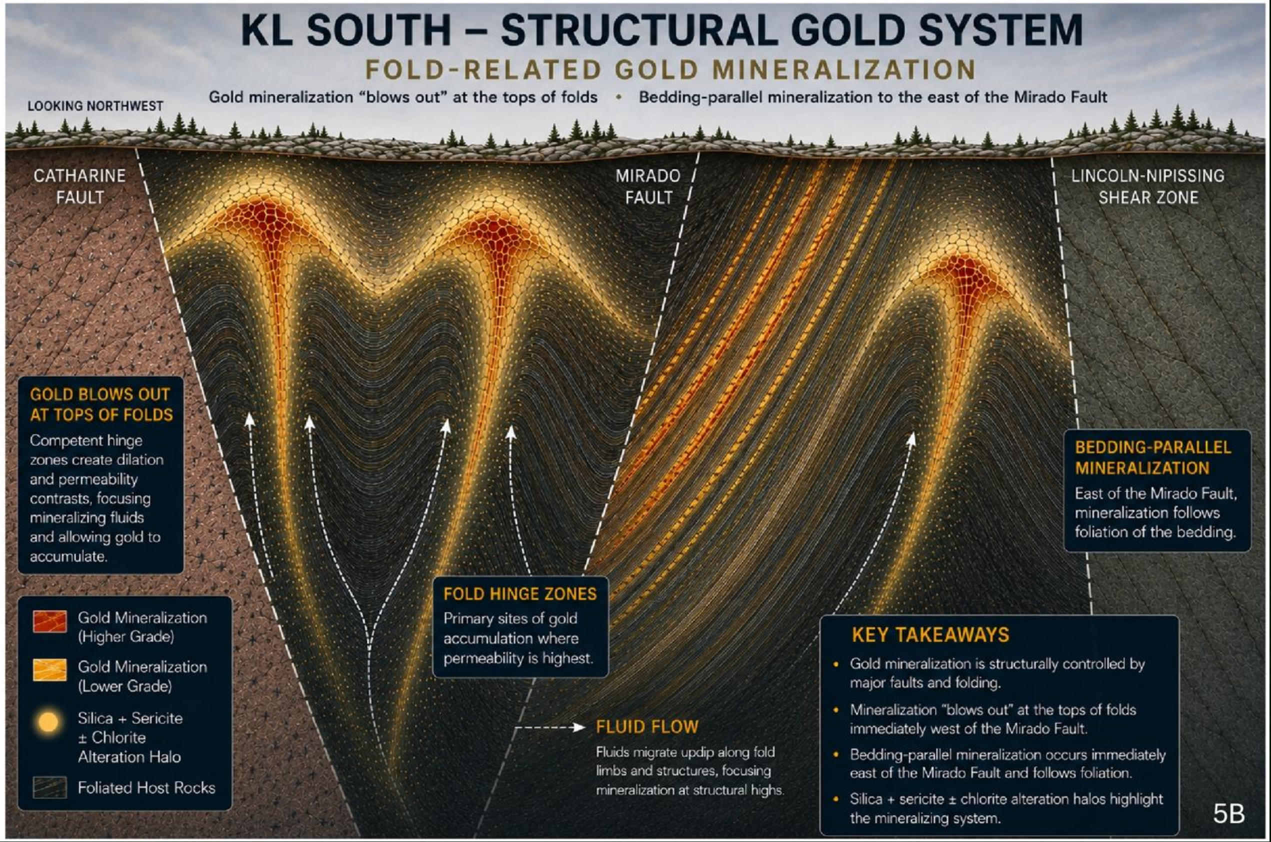
CONNECTED TO GIANTS

High-pressure fluid flow from the prolific Cadillac-Larder Lake Deformation Zone pushed through the structurally complex corridor between the Lincoln-Nipissing Shear Zone and the Catherine Fault where lower pressure rocks are receptive to gold deposition.

A DUAL-STYLE SYSTEM

Mirado combines broad, predictable layers (North Zone) with high-grade, structural vein networks (South Zone). This 'stacked' geometry allows for significant tonnage and enhanced gold concentrations where the two styles converge.





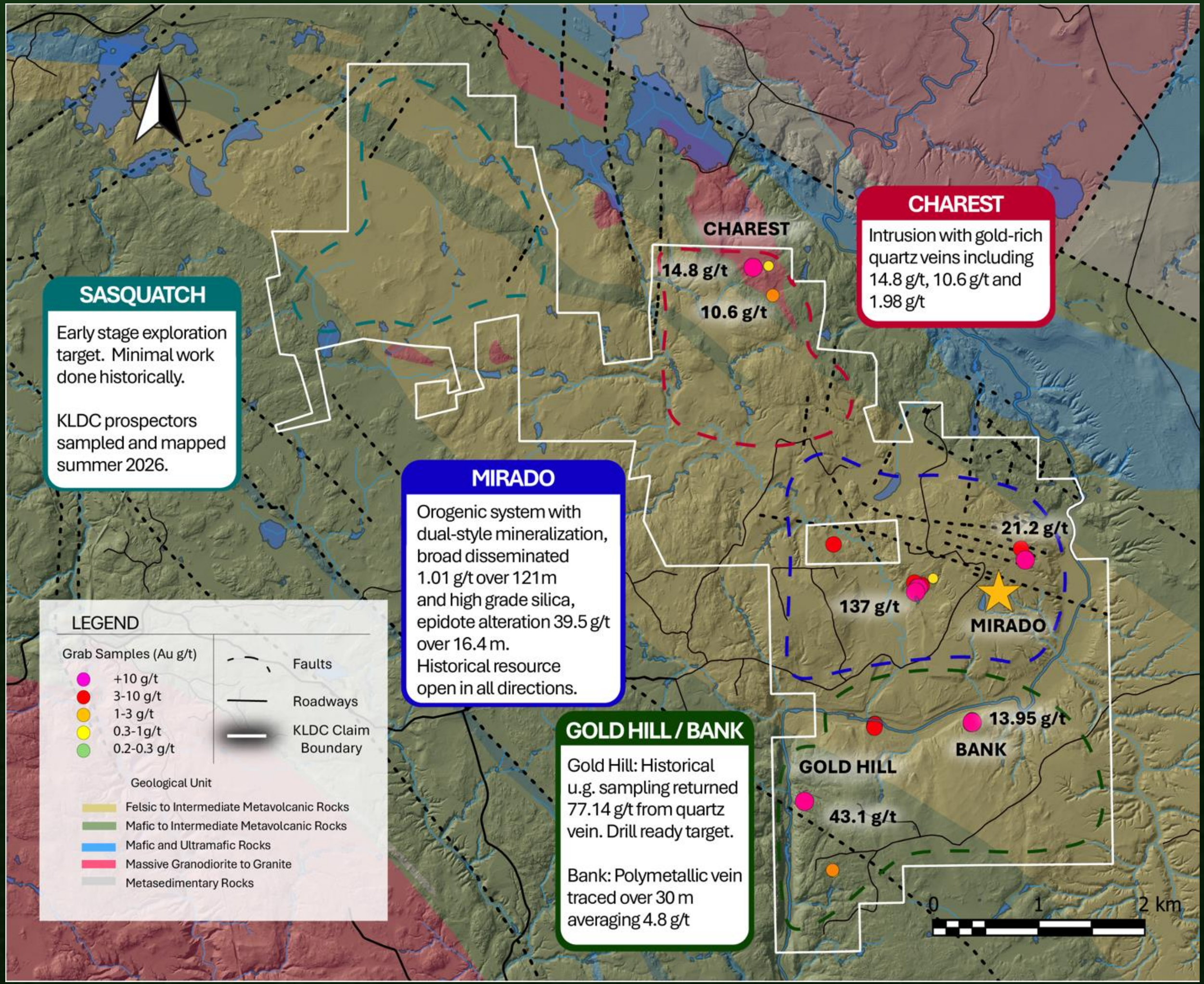
KL SOUTH: EXPANDING EXPLORATION HORIZONS

HISTORICAL RESOURCE
10.6 Mt at 1.29 g/t for 442 koz (inf.), untested below 250m and open in every direction

UNTESTED SHEARS
Align with gold showings at surface and remain open for surface and depth exploration

HIGH GRADE GOLD
Multiple untested targets with high grade gold at surface and depth potential

MODERN APPROACH
Integration and interpretation of historical and new data layers

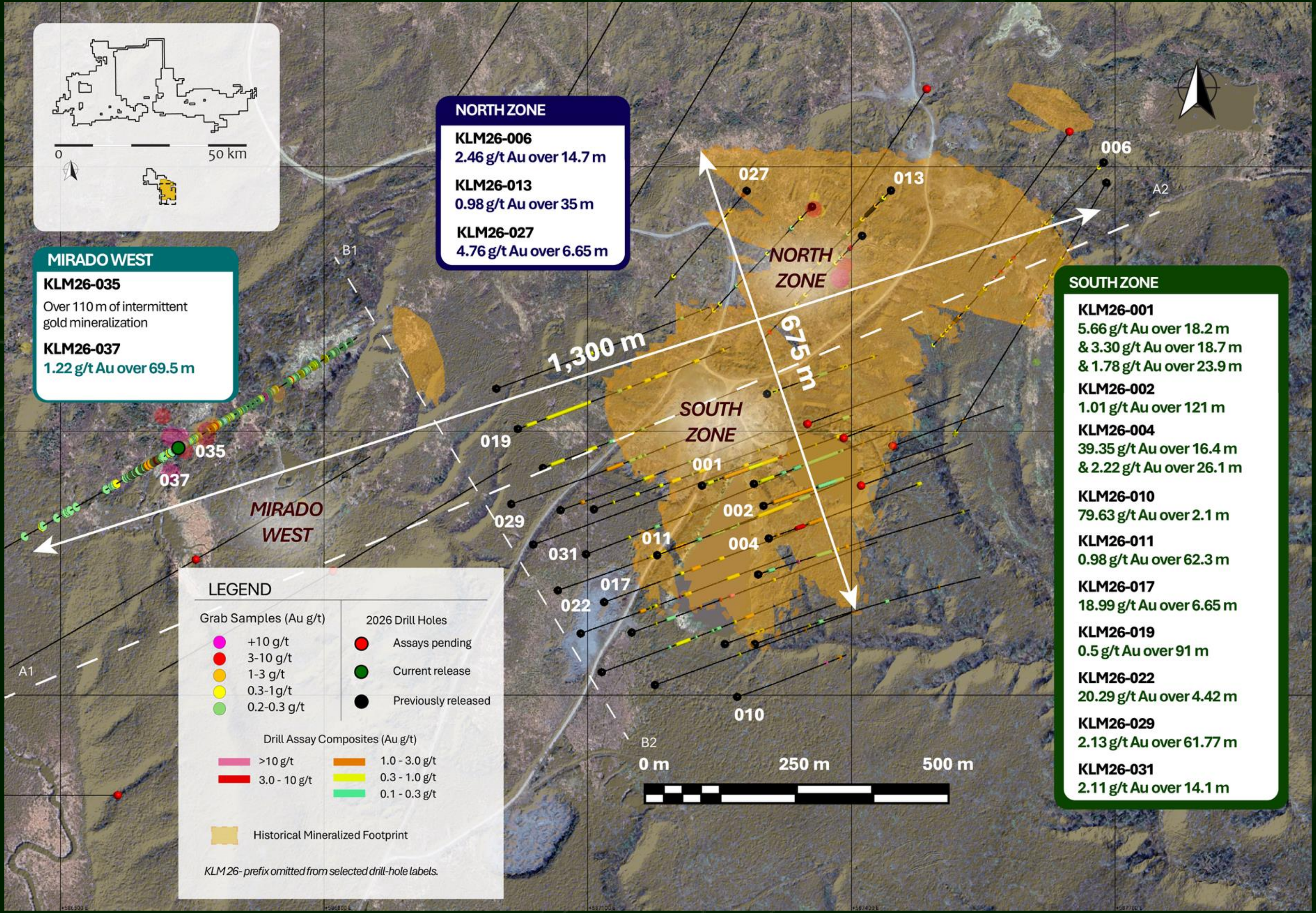


MIRADO

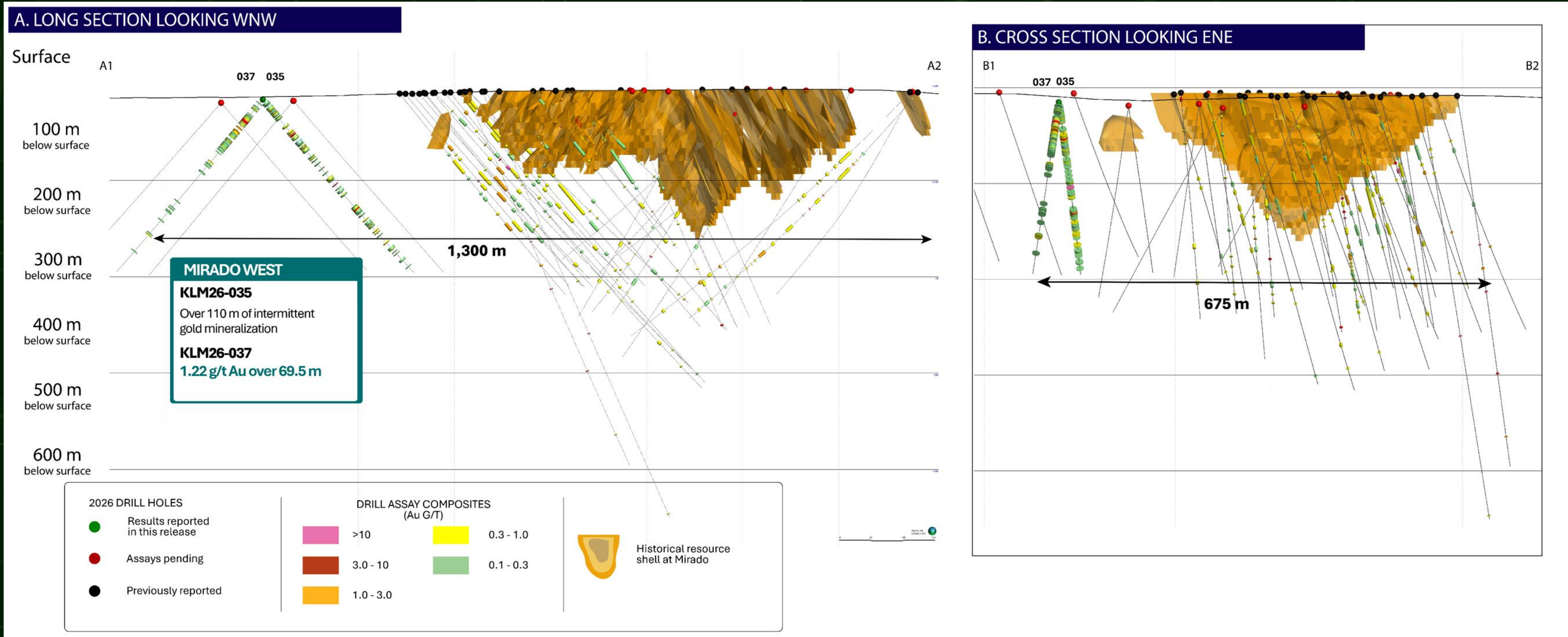
- **HISTORIC RESOURCE**
  Released at $1300 gold with a 0.45 g/t Au cut off - 10.6 Mt at 1.29 g/t for 442 koz (inf.), prematurely released and untested below 250 m and open in every direction

- **ONGOING DRILLING**
  All reported 2026 drill holes hit gold mineralization, indicating a large fertile environment of both broad surficial mineralization and high-grade feeders. Drilling will continue to work outwards systematically to expand the mineralized footprint

- **FOOTPRINT EXTENSION**
  Discovery of mineralization at Mirado West more than doubled the mineralized footprint length to 1,300m. Multiple holes at both the South and North Zones have extended mineralization laterally and at depth.



MIRADO: DRILLING UPDATE



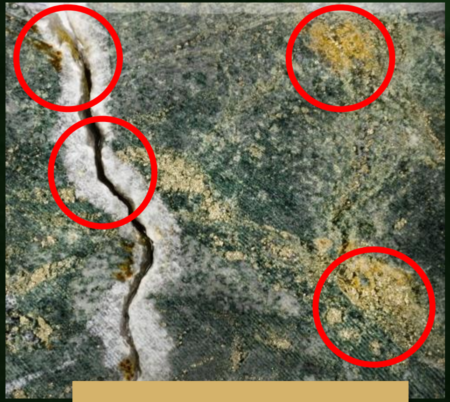
Cross-sectional views showing significant growth of the historical mineralized footprint, including step outs beneath, north, south, west and the discovery of Mirado West

MIRADO: 2026 DRILLING HIGHLIGHTS

SELECTED DRILL HIGHLIGHTS FROM MIRADO

Hole ID	Zone	From (m)	Interval (m)	Grade (g/t Au)
KLM26-001	**South Zone**	39.5	15.1	1.10
and		62.0	18.2	5.66
and		96.6	18.7	3.30
KLM26-002	**South Zone**	11.0	121.0	1.01
KLM26-004	**South Zone**	53.6	**16.4**	**39.50**
KLM26-006	**North Zone**	345.1	14.7	2.46
KLM26-010	**South Zone**	255.9	1.4	53.46
and		336.5	2.1	79.63
KLM26-011	**South Zone**	189.0	62.3	0.98
KLM26-013	**North Zone**	52.0	35.0	0.98
KLM26-017	**South Zone**	164.8	6.7	18.99
KLM26-019	**South Zone**	52.0	91.0	0.50
KLM26-022	**South Zone**	177.6	4.4	20.29
KLM26-023	**North Zone**	37.9	9.1	2.27
KLM26-029	**South Zone**	173.0	29.0	2.13
KLM26-037	**West Zone**	33.00	69.5	1.22

KLM26-001
Visible Gold at 96.65 m



KLM26-004
Visible Gold at 58.9 m

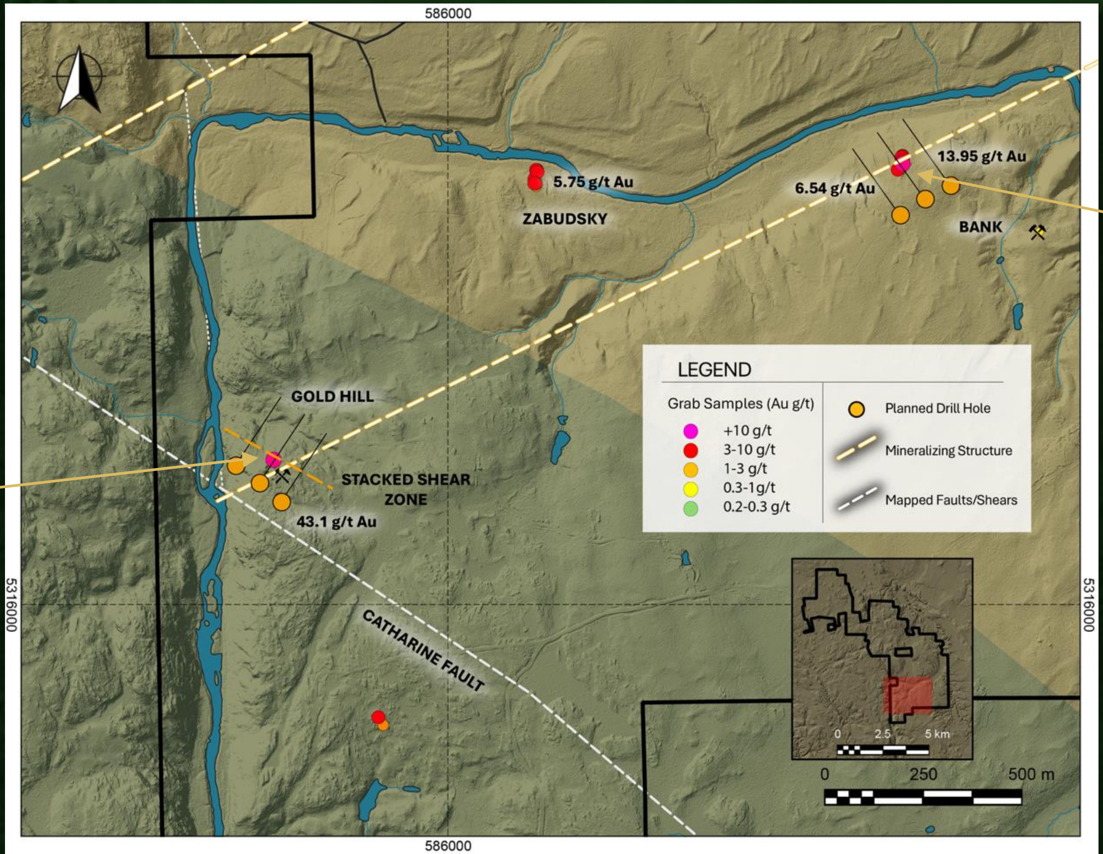
KLM26-010
Visible Gold at 257 m

KLM26-037
Visible Gold at 41 m

GOLD HILL & BANK

GOLD HILL TARGET
Highlighted by shear structure hosting quartz carbonate veining containing up to 77.14 g/t Au in underground sampling

Stacked shear zone with quartz carbonate veining at Gold Hill



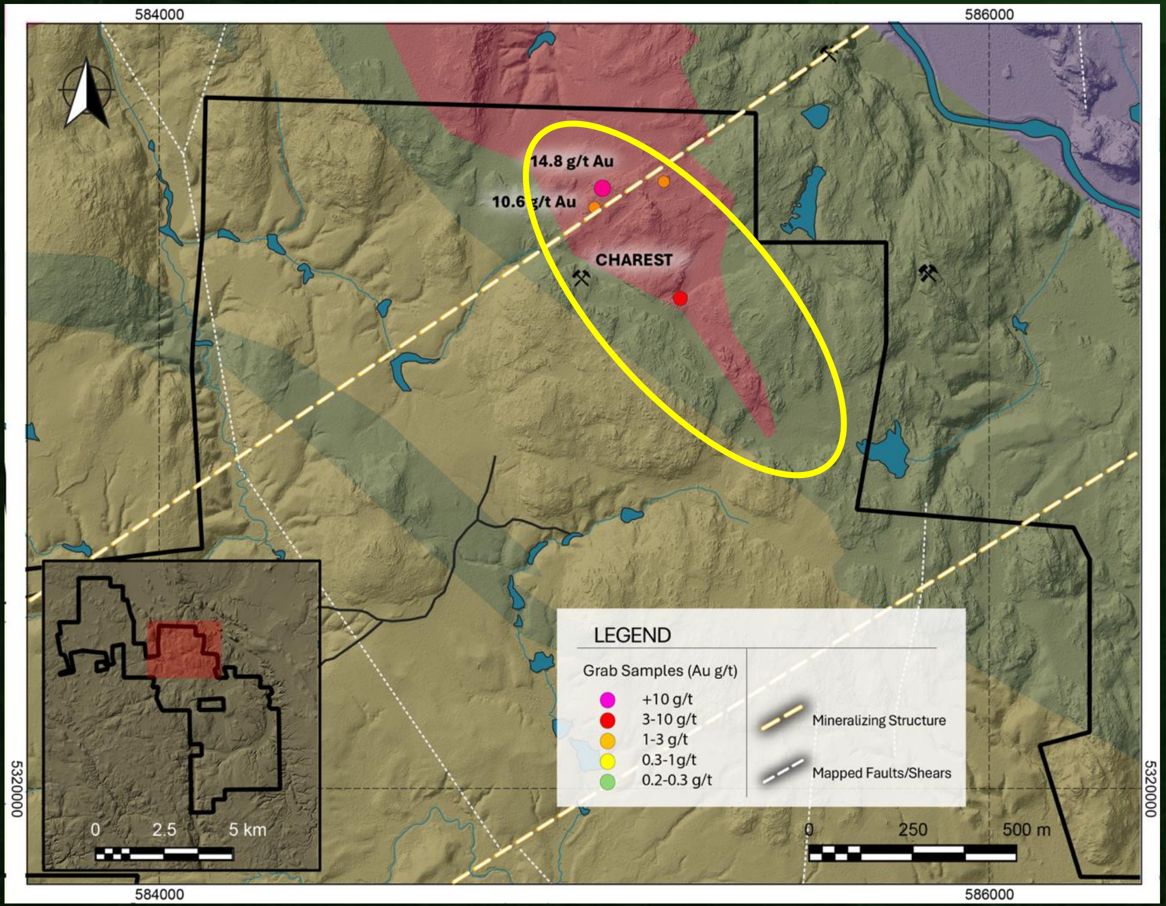
Plan map displaying regional targets at Bank and Gold Hill

BANK TARGET
Highlighted by multiple historical trenches containing up to 30% pyrite grading up to 13.95 g/t Au. Includes a polymetallic vein traced over 30m grading 4.8 g/t Au on average.

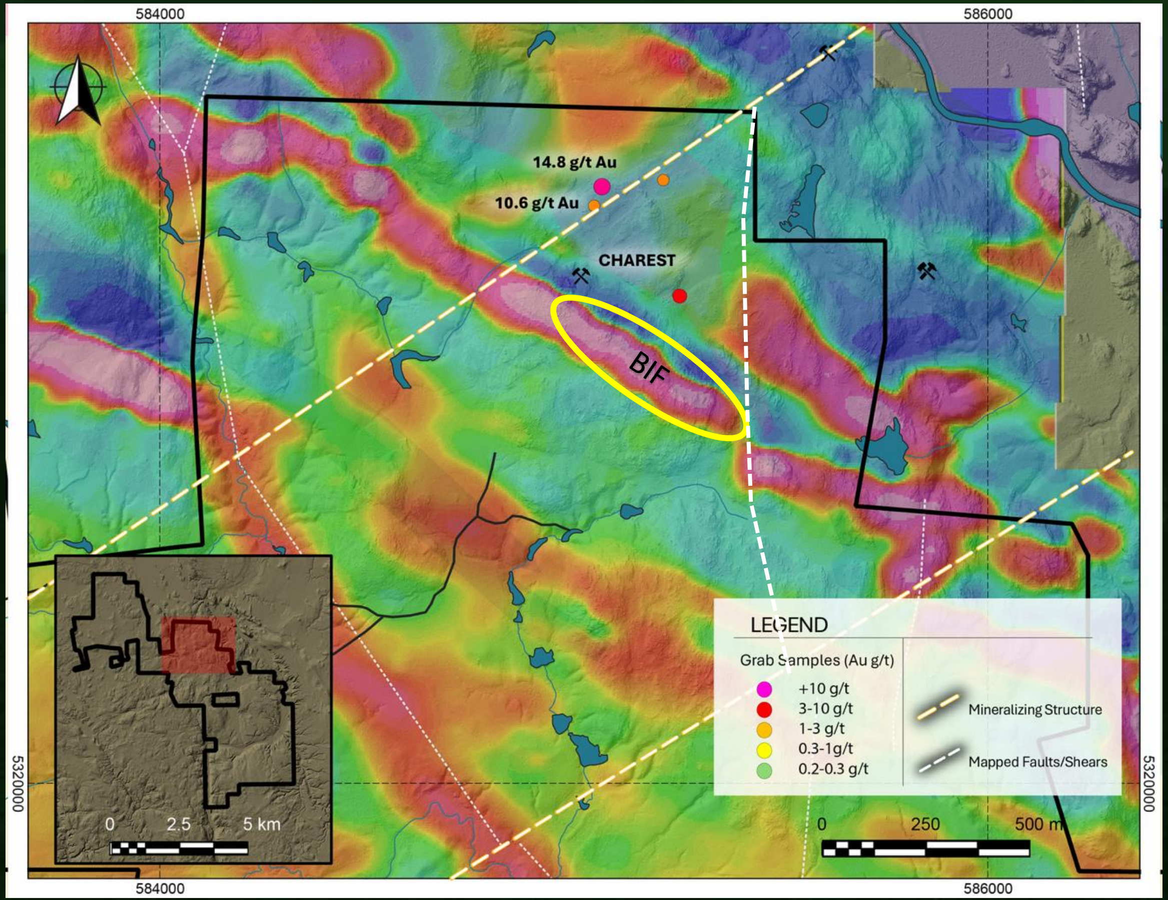
Massive sulphide sample from Bank showing

CHARETS

- **CHAREST SYENITE**
  Highlighted by Au-Cu bearing quartz vein with grades up to 14.8 g/t hosted within an intrusive syenite.



Plan map displaying regional targets at Charest

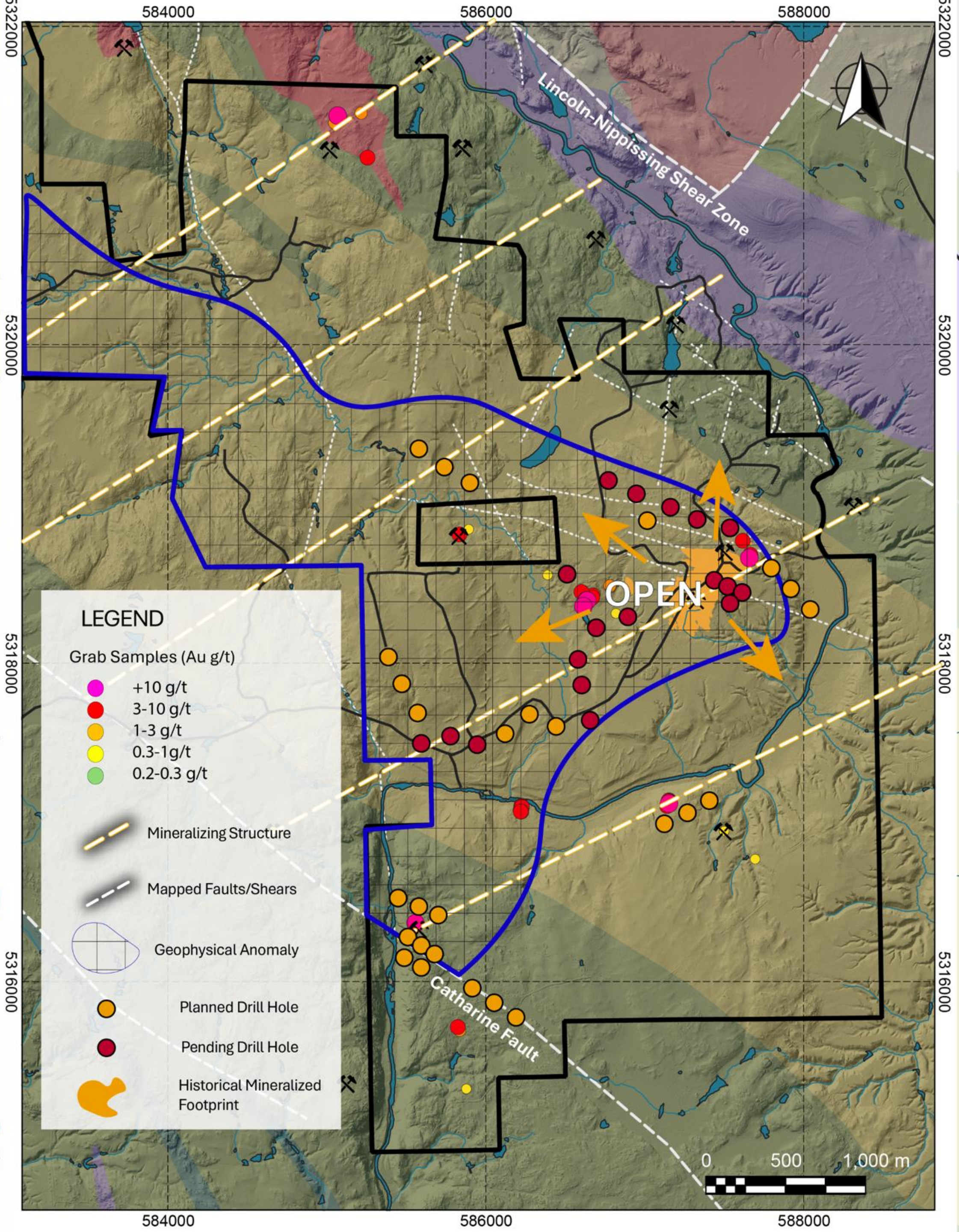


2026 Expert - CVG-TMI (Calculated Vertical Gradient of Total Magnetic Intensity)

- **BIF HORIZON**
  Folded regional iron formation creates a highly prospective chemical and structural trap for high-grade replacement-style gold mineralization.

KL SOUTH: LOOKING AHEAD

- **MIRADO EXPANSION**
  Focused expansion around Mirado with ongoing drilling through 2026
- **MIRADO WEST GROWTH**
  New discovery at Mirado West opens opportunity for significant growth near existing historical resource
- **RESULTS TO COME**
  19 holes are pending results: 9 at Mirado, 4 at Mirado West, and 6 regional targets.
- **REGIONAL TESTING**
  Regional testing of Charest, Bank and Gold Hill
  - 277 Grab Samples
  - 67 till samples
- **ADVANCE ENVIRONMENTAL BASELINE**
  Historical environmental work has been completed at Mirado and existing test stations are in place

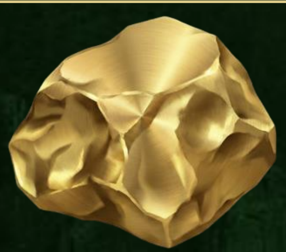


Plan map displaying pending drill holes, areas of expansion and regional targets

KLDC TREASURE HUNT / A JOURNEY TO DISCOVERY

- **Behind-the-Scenes Access:** Follow our journey as we unearth hidden potential — capturing every step, from fieldwork to drilling, through dynamic updates.
- **Join the Hunt:** Weekly or bi-weekly videos will immerse you in the treasure hunt, revealing the highs, lows, and key decisions behind our discoveries.
- **Omniscient Storytelling:** Each update offers a complete narrative, breaking down why and how we make critical decisions along the way.
- **Engaging and Transparent:** Bite-sized content designed to inform, disclose, and entertain — experience the thrill of the hunt with KLDC as we chase our big discovery!

KLDC: MULTIPLE CATALYSTS TO GROWTH



UNDEREXPLORED ROCKS

- Mirado drilling targets open resource in all directions
- Multiple untested targets across KL South

WELL CAPITALIZED & EFFICIENT

- <$200/m all-in drill costs maximize value for dollars spent
- Management track record of securing robust funding

CATALYSTS

- *KL South Drilling: Active 26,000 m Program – 3,000 m remaining*
- *KL South Assays: 19 Holes Pending*
- *KL South: Fall/Winter Drill Program planned 25,000 m – expansion, infill and regional testing*
- *KL South: Updated Resource at Mirado*

KLDC: INVESTMENT SUMMARY

RAPIDLY EXPANDING RESOURCE POTENTIAL

REGIONAL EXPLORATION UPSIDE

MULTIPLE CATALYSTS TO GROWTH

AGNICO EAGLE

McEWEN INC.

KIRKLAND LAKE DISCOVERIES

SURROUNDED BY MAJORS, MINES, & ESTABLISHED INFRASTRUCTURE

KLM26-001
Mirado South Zone

KIRKLAND LAKE DISCOVERIES

KIRKLANDLAKEDISCOVERIES.COM

THE DISCOVERY TEAM

STEFAN SKLEPOWICZ

CHIEF EXECUTIVE OFFICER

As CEO of Kirkland Lake Discoveries Corp. (KLDC), Stefan has transformed the company into a growth-driven player in the junior gold sector. Over the past three years, he has executed key strategic transactions and capital raises to significantly expand KLDC's footprint.

Drawing on his background in corporate development and tech-driven exploration from GoldSpot Discoveries, Stefan excels at linking technical, geological insights with a clear understanding of capital markets. By ensuring field milestones are clearly communicated to investors, he consistently drives long-term value for shareholders.

BEN CLELAND

VICE-PRESIDENT, EXPLORATION

Mr. Cleland is a registered Professional Geoscientist (P.Geo) with over 15 years of experience advancing mineral projects in Canada, including senior roles at Vior Inc. and Greenstone Gold Mines. He has a strong track record in exploration strategy, operational oversight, and stakeholder engagement, supporting corporate growth from early-stage discovery through resource delineation. Ben is recognized for his expertise in greenstone belt geology, structural controls on gold mineralization, and integrating geological datasets to guide high-quality exploration decisions.

As Vice President, Exploration, Mr. Cleland oversees exploration strategy, technical governance, and program execution across Kirkland Lake Discoveries' projects, providing leadership to the CEO, executive team, and Board to drive long-term value creation.

MIKE KILBOURNE

SENIOR PROJECT GEOLOGIST

Having been on the former Warrior Gold technical team, Mr. Kilbourne graduated from the University of Western Ontario in 1985 with an Honours BSc. in Geology. His first field season was in 1980, representing over 40 years in the industry. Mr. Kilbourne's career has involved holding various executive positions for junior resource companies, gold production geologist for open pit, underground bulk and narrow vein mining, and long term mine planning for the 10+ simultaneous US aggregate operations. He has supervised and managed over 150,000 meters of diamond drilling in Archean precious and base metal projects. Recent work for a private firm included generating over 700 exploration targets across North America and Mexico.

DRAKE HYDEN

SENIOR PROJECT GEOLOGIST

Mr. Hyden holds a H.BSc. In Earth and Environmental Sciences from Carleton University, Ottawa Canada. His MSc. project is focused on determining the structural controls on high-grade gold mineralization at Gold Terra Resources Corp.'s Yellowknife City Gold Project (YCGP), Northwest Territories. Drake worked as an exploration geologist with Gold Terra's YCGP for three years. Following that, Drake worked as a project geologist for Pure Gold on the Madsen project in Red Lake, Ontario to further expand the underground resource and delineate current and future surface exploration targets. Drake continued his exploration work with Aurion Resources Ltd. and worked on all aspects of the exploration program in Finland including regional to detailed prospect scale geological and structural mapping, drill planning, core logging, QA/QC, data compilation and reporting.

Technical Advisors: Dr. Jean-François Montreuil, Bill Doerner, Danièle Spethmann

EXPERIENCED BOARD OF DIRECTORS

DENIS LAVIOLETTE
EXECUTIVE CHAIRMAN

Mr. Laviolette brings more than 20 years of experience in mining, exploration, capital markets, and corporate leadership, with a proven track record of driving strategic growth. He is the Founder and Executive Chairman of EarthLabs Inc. (TSXV: SPOT), a technology and investment issuer with more than $50M in assets. EarthLabs has since acquired CEO.CA Technologies Ltd., and expanded into complementary mining media through the acquisition of The Northern Miner Group. He is also the founder and former President/CEO of New Found Gold Corp (TSXV: NFG) (NYSE: NFGC), where he was instrumental in one of Canada's most significant high-grade gold discoveries at the Queensway Project in Newfoundland.

GARY NASSIF
DIRECTOR

Mr. Nassif is a professional geologist with 30+ years' experience in gold, base-metal and diamond exploration in Canada, United States and sub-Saharan Africa. He is the former Senior Vice President of Jerritt Canyon Gold, previously privately owned by Sprott Mining Inc. and recently acquired by First Majestic Silver Corp. He is also President & CEO of Argentum Silver Corp., a TSX-V listed explorer, and a director of Inventus Mining. He was previously Manager of Exploration Services for Kerr Mines, Northern Gold Mining, and Trelawney Mining & Exploration prior to its sale to IAMGOLD for $608 million in 2012.

CHRISTINA MCCARTHY
DIRECTOR

Ms. McCarthy is a geologist with over 15 years of experience in the resource capital markets. Ms. McCarthy is the former President and CEO of Paycore Minerals Inc., recently acquired by i-80 Gold Corp for $90 million. She previously held the position of Vice President of Corporate Development for New Oroperu Resources Inc., which was acquired by Anacortes Mining Corp. in 2021. Ms. McCarthy served as Director of Corporate Development for McEwen Mining from 2014 to 2019. She spent the past 15 years in various roles, including management and board roles, equity research at Euro Pacific, and Institutional Sales at Haywood Securities, as well as building an exempt market dealer focusing on resources.

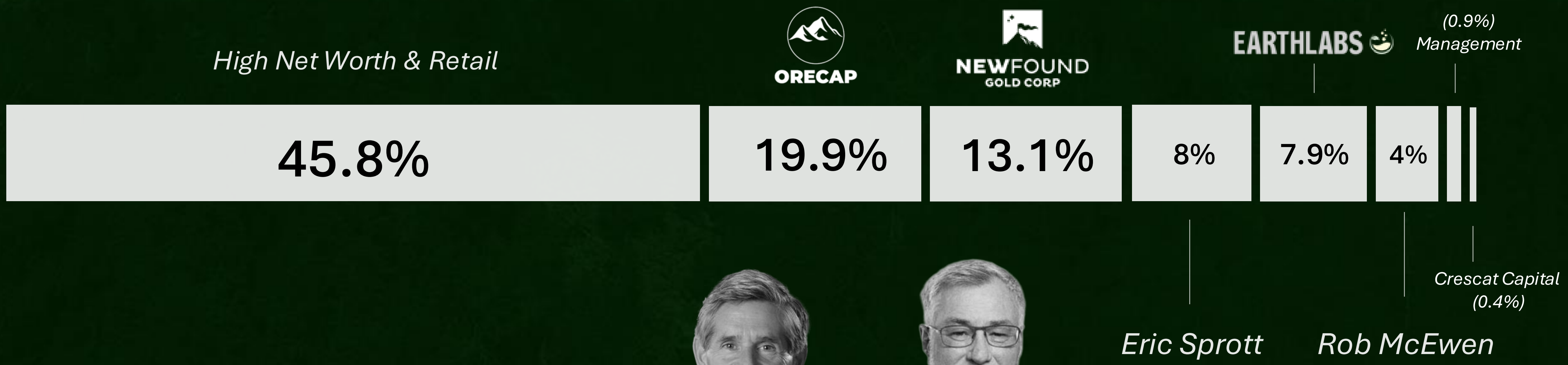
VINCENT DUBÉ-BOURGEOIS
DIRECTOR

Vincent Dubé-Bourgeois is Co-Founder and President of EarthLabs Inc. and a board member at Harfang Exploration Inc. Under his leadership, EarthLabs sold the ExplorTech Division, including GoldSpot Discoveries, to ALS Limited for $30 million. In 2015, at the Integra Gold Rush Challenge, Mr. Dubé-Bourgeois combined his machine learning and geology expertise to lead his team successfully to a share of the $1 million prize. Mr. Dubé-Bourgeois was previously with the Ontario Geological Survey and Noront Resources Ltd. He holds a BSc in Geology from the University of Ottawa and is recognized for innovative contributions to data science and geoscience, particularly in mineral exploration.

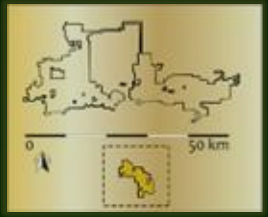
CAPITAL STRUCTURE

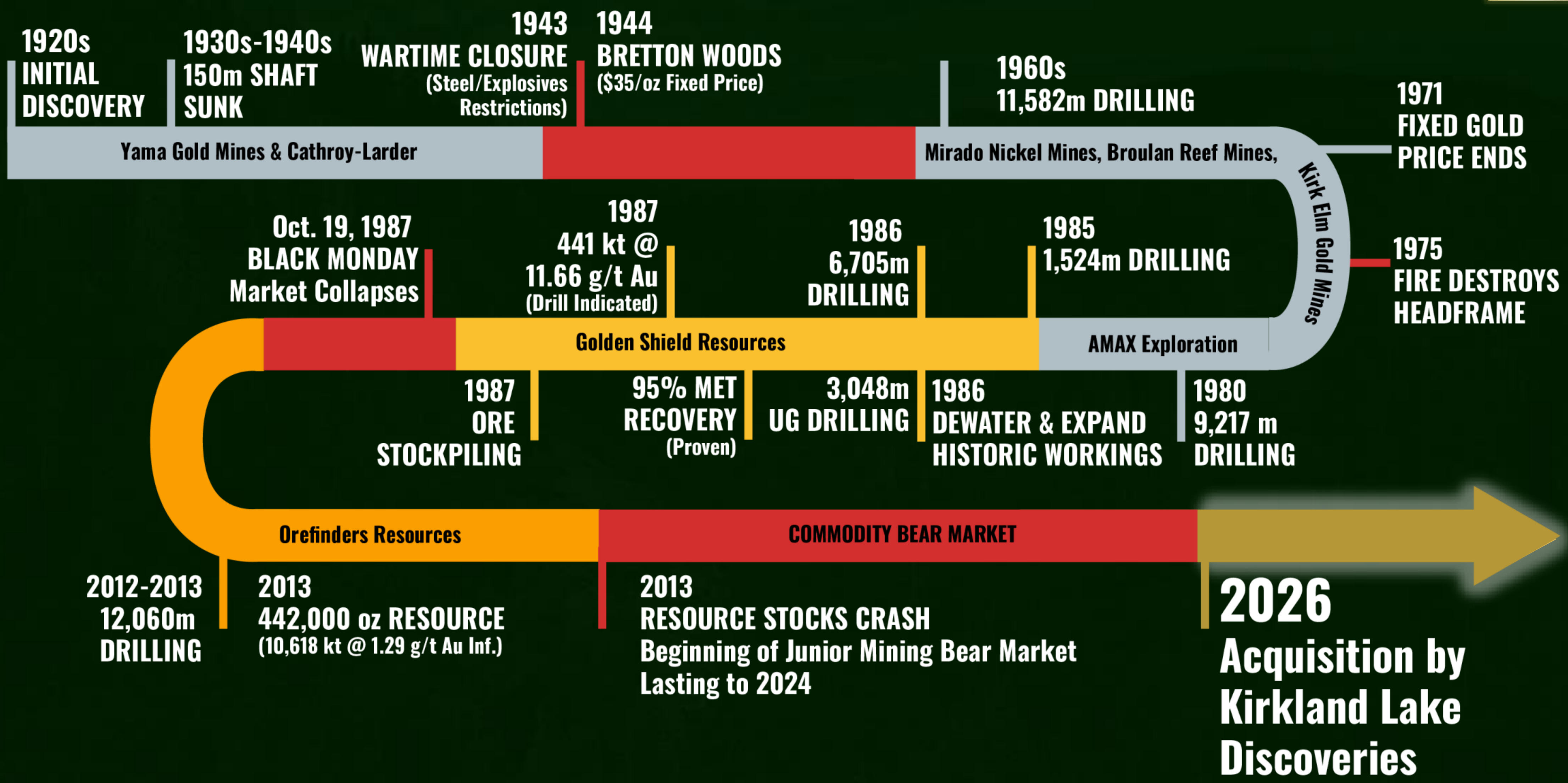
205.6M	$61.2M	15.7M	27.0M	$4.2M
Shares Outstanding*	Market cap @ $0.30*	Options*	Warrants*	Cash**

* as at August 31, 2026 ** as at June 30, 2026

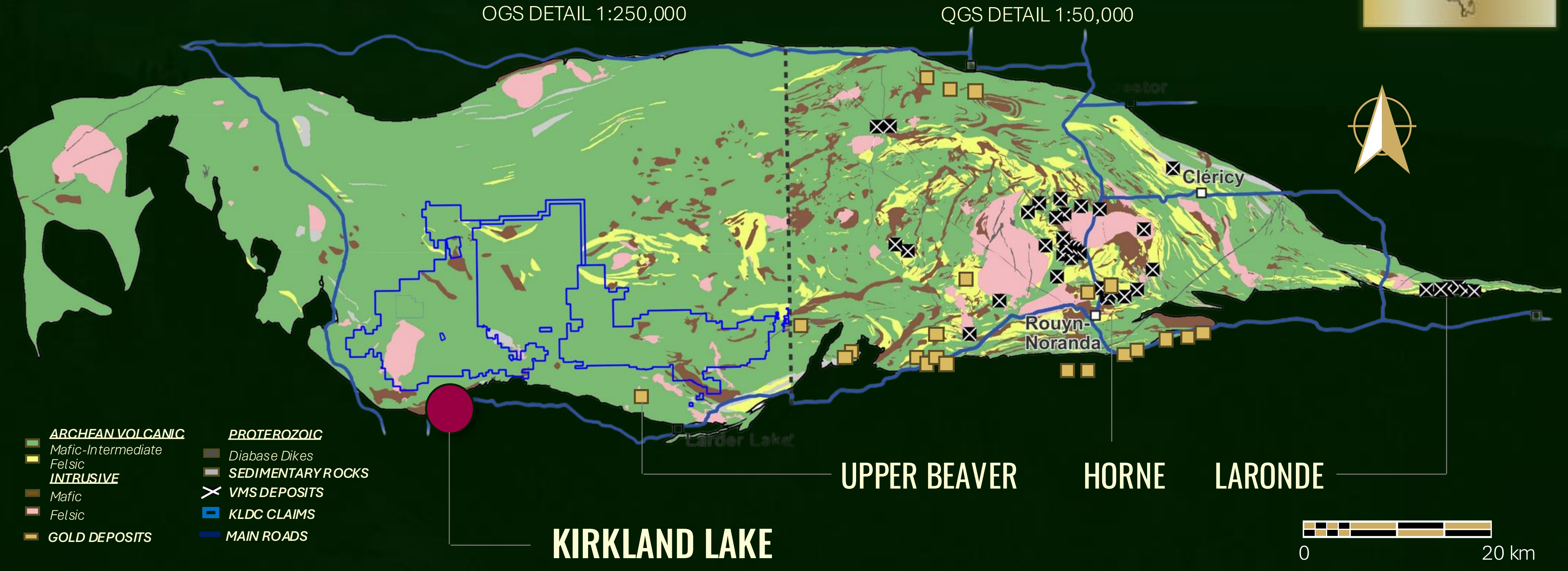


KL SOUTH: VALUE INTERRUPTED BY MARKETS





BLAKE RIVER GROUP: ONTARIO’S SLEEPING GIANT?



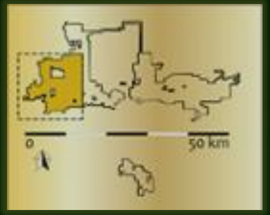
PROPERTY	Type	Au (g/t)	Tonnes	Cu/Zn/Ag	Hectares	Host Rock
HORNE	VMS	6.1	53.7 Mt	2.2% Cu	~ 200	Blake River + Pluton
LARONDE	Intrusion-Influenced VMS	5.2	18.9 Mt	0.23 % Cu 0.84 % Zn 16.65 g/t Ag	~400	Blake River + Pluton
UPPER BEAVER	Intrusion-Related Copper Gold	3.71	23.2 Mt	0.24% Cu	~600	Blake River + Pluton
KLDC	***UNTESTED – MODERN TOOLS, FRESH EYES***				*42,200*	Blake River + Pluton

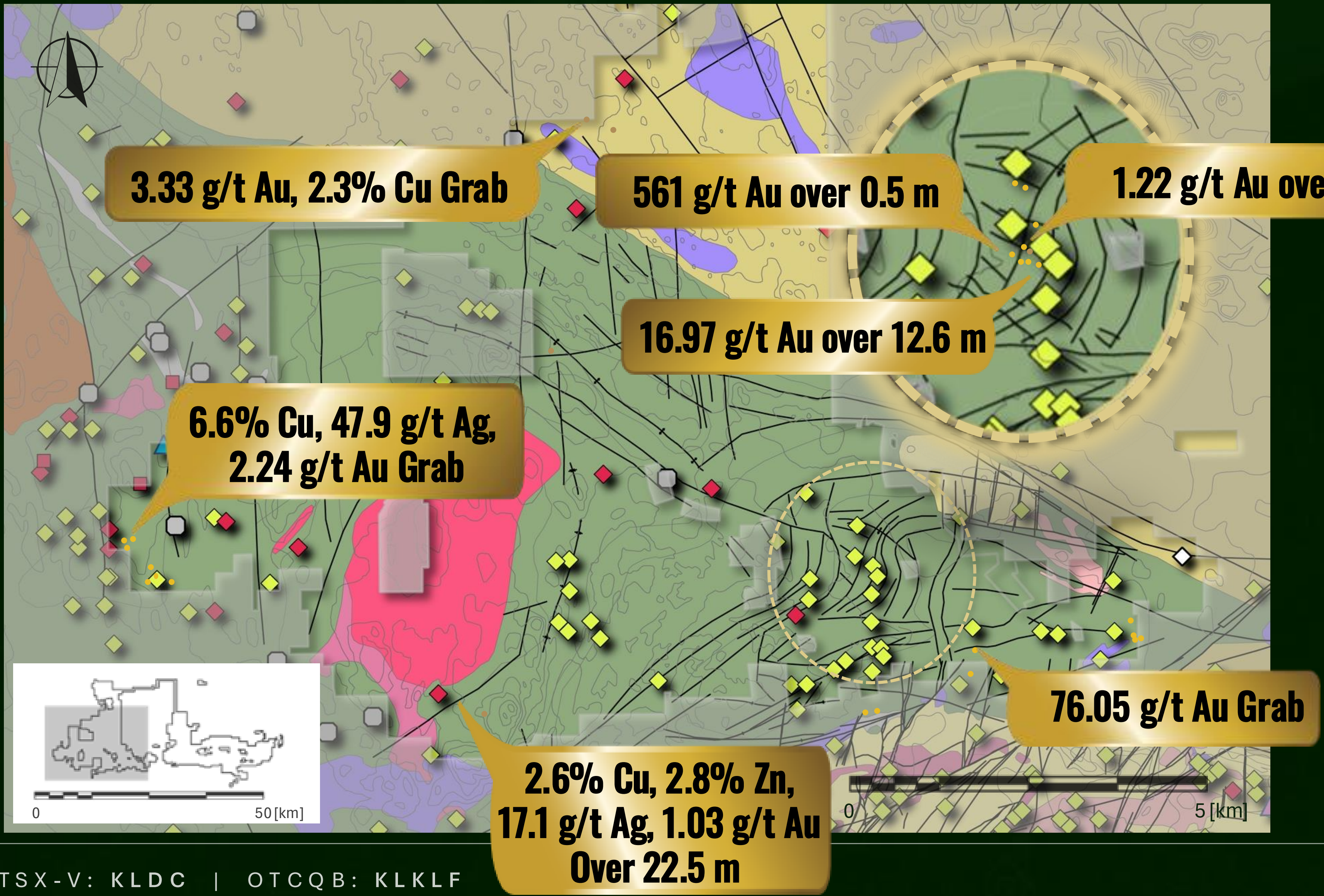
Located in one of the world's most well-known mining belts, our property covers a significant area of geologically promising ground.

The scale of our land package allows us to apply modern exploration techniques across the entire property, targeting areas that have not been fully explored in the past.

a-Mafic to intermediate volcanic rocks of the Blake River Group, Abitibi greenstone belt, Canada: Geochemistry, petrogenesis and relation with VMS deposits. Vite-Sanchez, Ross, Mercier-Langevin - https://www.sciencedirect.com/science/article/pii/S0301926824000445

KL WEST: HIGH-GRADE CONFIRMED





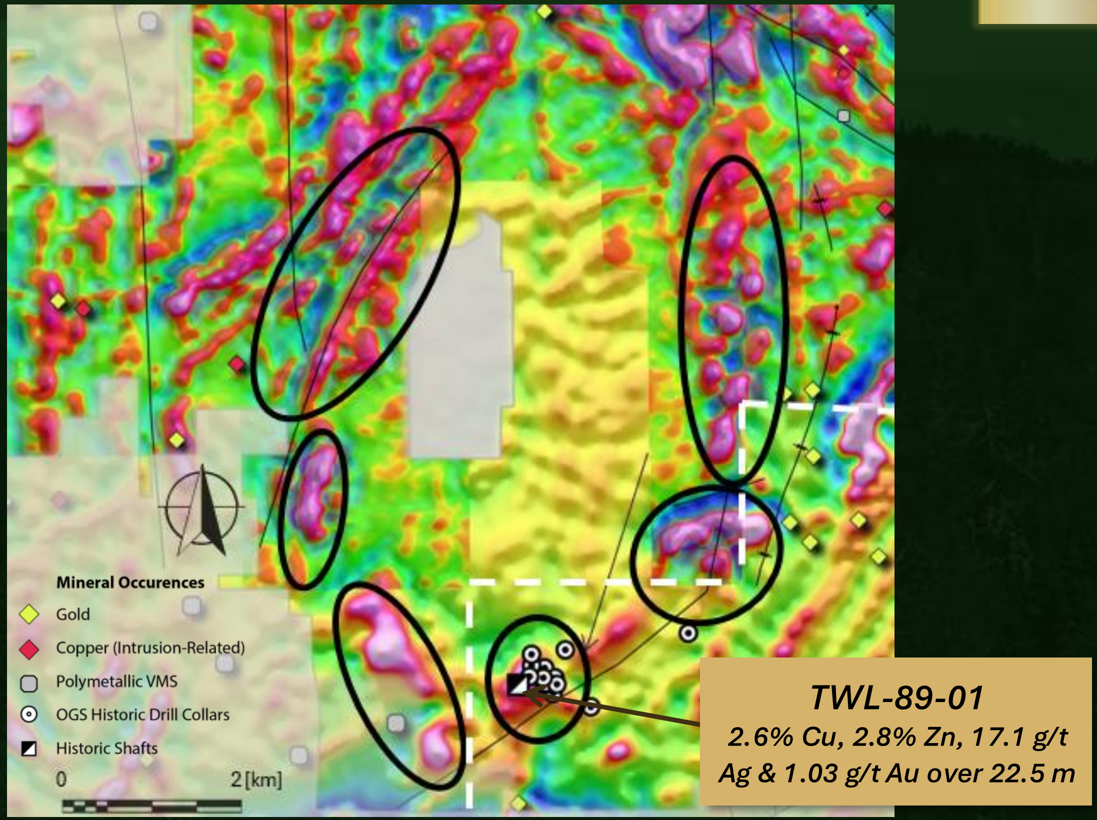
Mineral Occurences

- Gold
- Copper (Intrusion Related)
- Copper, Nickel (Magmatic Sulphide)
- Polymetallic VMS

Ontario Geological Survey Data

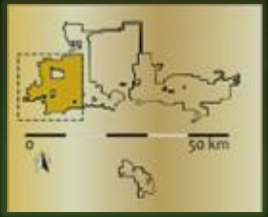
- Fault
- Anticline
- Syncline
- Syenite to monzonite
- Massive granodiorite to granite
- Foliated tonalite suite
- Mafic and ultramafic rocks
- Coarse clastic metasedimentary rocks
- Metasedimentary rocks
- Felsic to intermediate metavolcanic rocks
- Mafic to intermediate metavolcanic rocks

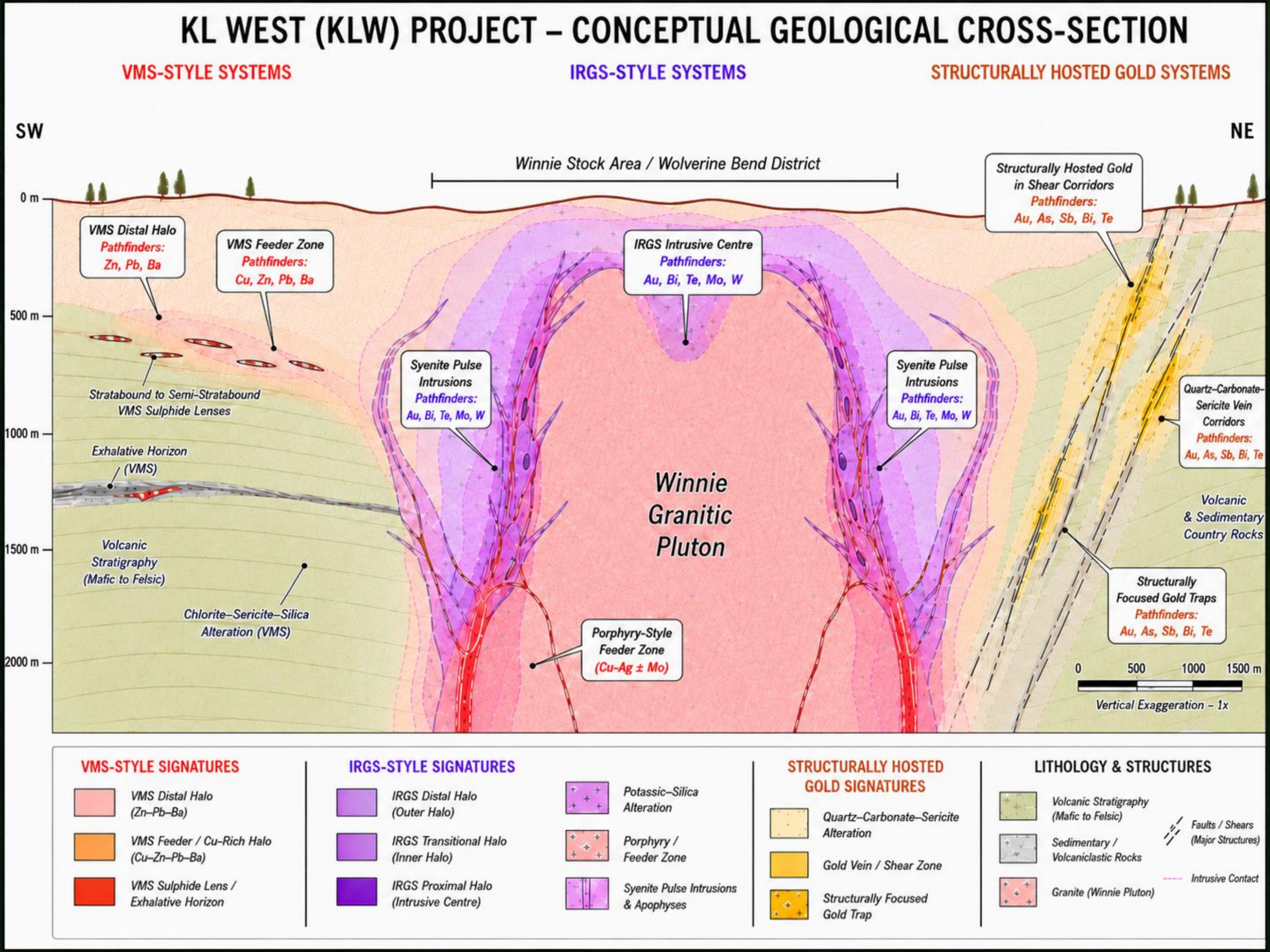
COINCIDENT ANOMALIES



- Coincident geochemical (2024 soil sampling) and geophysical (2023 magnetic survey) around the Winnie intrusion identify high-priority exploration and drilling targets.
- **Winnie Lake** Showing was historically explored as a VMS system, with drilling in 1989 encountering grades of 2.6% copper, 2.8% zinc, 17.1 g/t Ag and 1.03 g/t Au over 22.5 m.

KL WEST: OVERVIEW





2026 DRILL PROGRAM

- 65 holes and 19,161.9m across 10 target areas
- Gold mineralization confirmed at Winnie Lake and Wolverine Bend
- Significant increase in understanding of the mineralized systems at KL West
  - Polymetallic VMS at Winnie Lake, Sharp, and Hammerhead
  - Intrusion-related Gold at Winnie Lake, Wolverine Bend, Nine Mile and Cross Roads
  - Structurally Controlled Gold at Leahy-Queenston, Cougar, Wolf, and Moosehead

KLW: NEXT STEPS

- Incorporation of drill results into 3D models to refine prospective target areas
- Prioritize highest-confidence targets at Winnie Lake and Wolverine bend for an expanded drill program in the future

KLD26-63 17.8m to 22.15 m highly altered syenite