

TSXV: **ORM**
OTC: **ORMFF**



GOLD AND CRITICAL MINERAL EXPLORATION IN QUEBEC

Investor Presentation

January 2024



DISCLAIMER

Cautionary Statement Concerning Forward-Looking Statements

Neither the TSXV nor its Regulation Services Provider (as that term is defined in the policies of the TSXV) accepts responsibility for the adequacy or accuracy of this presentation. The TSXV has neither approved nor disapproved the contents of this presentation.

This presentation contains "forward-looking information" including without limitation statements relating to the liquidity and capital resources of Orford and potential of one or more of the Qiqavik, Joutel Eagle, Joutel South, McClure East, Joutel Omega, Nunavik Lithium and West Raglan properties.

Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of Orford to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. These factors include, among others, obtaining required shareholder, court, and regulatory approvals, exercise of any termination rights under the Agreement, meeting other conditions in the Agreement, material adverse effects on the business, properties and assets of Orford, and whether any superior proposal will be made. completion of the Transaction, and, in respect of statements concerning Orford's liquidity, capital resources and potential of Orford's mineral exploration properties, future prices and the supply of metals; the results of drilling; inability to raise the money necessary to incur the expenditures required to retain and advance the properties; environmental liabilities (known and unknown); general business, economic, competitive, political and social uncertainties; accidents, labour disputes and other risks of the mining industry; political instability, terrorism, insurrection or war; or delays in obtaining governmental approvals, failure to obtain regulatory or shareholder approvals. For a more detailed discussion of such risks and other factors that could cause actual results to differ materially from those expressed or implied by such forward-looking statements, refer to Orford's filings with Canadian securities regulators available on SEDAR+ at www.sedarplus.ca.

Although Orford has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results to differ from those anticipated, estimated or intended. Forward-looking statements contained herein are made as of the date of this presentation and Orford disclaims any obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise, except as required by applicable securities laws.

Qualified Person and Quality Assurance and Quality Control

The disclosure of scientific and technical information contained in this presentation has been approved by Alger St-Jean, P.Geo, Chief Geoscientist of Orford, a Qualified Person under NI 43-101.

Samples reported in this presentation and indicated as grab, outcrop, sub-outcrop, boulders and float are grab samples. Grab samples are selective by nature and values reported may not be representative of mineralized zones. All drill intervals reported in this presentation are down-hole core lengths as true thicknesses cannot be determined with available information.

The MRN Data contained in this presentation were obtained from Quebec Ministry of Energy and Natural Resources ("MRN") and has not been independently verified by a Qualified Person as defined by NI 43-101.

Lithium Tills:

Sample shipments were sealed and shipped to AGAT Laboratories, Val-d'Or, Québec. All assays reported for till samples were obtained by standard fire assay method with an atomic absorption spectrometry finish on a nominal 30g sample weight for the gold analysis (method 202-051) and by standard 4-acid digestion method with an ICP-OES/ICP-MS finish for the multi-element analysis (method 201-071) at AGAT Laboratories, Mississauga, Ontario. Standards were inserted at a minimum rate of 3% for till samples for QA/QC purposes in addition to those inserted by the lab. A subset of samples has not yet been sent for a verification assay at another lab. AGAT Laboratories are accredited by the Standards Council of Canada and found to comply with the requirements of ISO/IEC 17025:201.

Lithium Grab Samples:

Sample shipments were sealed and shipped to AGAT Laboratories, Val-d'Or, Québec. All assays reported for the grab samples were obtained by standard sodium peroxide fusion method with an ICP-OES/ICP-MS finish (methods 201-378) at AGAT Laboratories, Mississauga, Ontario. Standards and blanks were inserted at a minimum rate of 5% for grab samples for QA/QC purposes in addition to those inserted by the lab. A subset of samples has not yet been sent for a verification assay at another lab. AGAT Laboratories are accredited by the Standards Council of Canada and found to comply with the requirements of ISO/IEC 17025:201



DISCLAIMER CONT'D

Qualified Person and Quality Assurance and Quality Control Cont'd

Qiqvaik: 2023 Grab & Drill Core samples:

Sample shipments were sealed and shipped to AGAT Laboratories, Val-d'Or, Québec. All gold assays reported were obtained by standard fire-assaying on 50-gram for RAB chip samples and on 30-gram for grab samples nominal weight with an atomic absorption spectroscopy finish or by gravimetric finish in the case of overlimit and on request (methods 202551/202051 and 202564/202064) at AGAT Laboratories, Mississauga, Ontario. All grab samples were also analyzed for multi-elements, including copper and silver, using a four-acid method with an ICP-OES finish (method 201070) at AGAT Laboratories, Mississauga, Ontario.

Drill program design, Quality Assurance/Quality Control ("QA/QC") and interpretation of results is performed by qualified persons employing a QA/QC program consistent with NI 43-101 and industry best practices. Standards and blanks are inserted at a minimum rate of 5% for chip and grab samples for QA/QC purposes in addition to those inserted by the lab. A subset of samples has not yet been sent for a verification assay at another lab. AGAT Laboratories are accredited by the Standards Council of Canada and found to comply with the requirements of ISO/IEC 17025:2017.

The technical information disclosed herein in respect of the Qiqavik Property is based on the independent report of Clement Dombrowski, P.Geo and Sylvain Desbiens P.Geo. titled "NI 43-101 Technical Report on Qiqavik Project, Northern Quebec, Canada" effective September 14, 2017, and on Orford Mining's press releases available on SEDAR. The information disclosed herein in respect of the West Raglan Property is based on the independent report of Clement Dombrowski, P.Geo. titled "NI 43-101 Technical Report on West Raglan Project, Northern Quebec, Canada" effective February 20, 2017. and on Orford Mining's press releases available on Sedar.

Joutel:

Sample shipments were sealed and shipped to AGAT Laboratories, Val-d'Or, Québec. All gold assays reported were obtained by standard fire assay on 50 gram nominal weight with an atomic absorption spectroscopy finish or by gravimetric finish in the case of overlimit and on request (methods 202551 and 202564) at AGAT Laboratories, Mississauga, Ontario. All samples were also analyzed for multi-elements, including copper and silver, using a four-acid method with an ICP-OES finish (method 201070) at AGAT Laboratories, Mississauga, Ontario.

Drill program design, Quality Assurance/Quality Control ("QA/QC") and interpretation of results are performed by qualified persons employing a QA/QC program consistent with NI 43-101 and industry best practices. Standards and blanks are inserted at a minimum of 10% for QA/QC purposes in addition to those inserted by the lab. A subset of samples has not yet been sent for a verification assay at another lab. AGAT Laboratories are accredited by the Standards Council of Canada and found to comply with the requirements of ISO/IEC 17025:2017.

West Raglan: 2022 Grab & Drill Core samples:

Two laboratories were used during the 2022 exploration program; AGAT Laboratories and SGS Canada. All sample shipments were sealed and shipped to AGAT Laboratories, Val-d'Or, Québec. At the end of the campaign, a subset of 105 samples were transferred to SGS Canada, Val-d'Or, Québec from the AGAT laboratories facility. For AGAT Laboratories, all gold, palladium and platinum assays reported were obtained by standard fire-assaying on 50-gram nominal weight with an ICP-OES finish (methods 202-555) at AGAT Laboratories, Mississauga, Ontario. All samples were also analyzed for multi-elements, including nickel and copper, using a four-acid method with an ICP-OES finish (method 201-070) or using a sodium peroxyde fusion method with an ICP-OES finish in the case of overlimit and on request (method 201-079) at AGAT Laboratories, Mississauga, Ontario. For SGS Canada, all gold assays reported were obtained by standard fire-assaying on 50-gram nominal weight with an atomic absorption spectroscopy finish (methods GE_FAA50V5) at SGS Canada, Mississauga, Ontario. All samples were also analyzed for multi-elements, including nickel and copper, using a four-acid method with an ICP finish (methods GE_ICP40Q12 and GO_ICP42Q100 in the case of overlimit for economical elements and method GE_CSA06V for the sulphur) at SGS Canada, Mississauga, Ontario.

Drill program design, Quality Assurance/Quality Control ("QA/QC") and interpretation of results is performed by qualified persons employing a QA/QC program consistent with NI 43-101 and industry best practices. Standards and blanks are inserted at a minimum rate of 10% for core and 5% for grab samples respectively for QA/QC purposes in addition to those inserted by the lab. A subset of samples has not yet been sent for a verification assay at another lab. AGAT Laboratories and SGS Canada are accredited by the Standards Council of Canada and found to comply with the requirements of ISO/IEC 17025:2017.





THE ALAMOS – ORFORD TRANSACTION

Summary of the Agreement



TERMS OF THE ALAMOS – ORFORD TRANSACTION

Transaction	<ul style="list-style-type: none"> Alamos to acquire all of the issued and outstanding common shares of Orford not already owned by Alamos All-share transaction via Plan of Arrangement under the <i>Business Corporations Act</i> (Ontario) Total transaction equity value (on a 100% basis) of ~C\$24 MM on a fully diluted, in-the-money basis
Consideration	<ul style="list-style-type: none"> Deemed consideration of C\$0.10 per Orford Share payable in Alamos Shares Share Exchange Ratio mechanism: Alamos's 20-day VWAP on the TSX as of the period ending January 12, 2024 <ul style="list-style-type: none"> Share Exchange Ratio: 0.005588 of an Alamos common share for each Orford common share held Implied Premiums as of January 12, 2024: <ul style="list-style-type: none"> 134% to Orford's 20-day VWAP (based on trading on all Canadian exchanges) 114% to Orford's last close
Conditions and Approvals	<ul style="list-style-type: none"> Requires approval by 66 2/3% of votes cast by Orford Shareholders A simple majority of the votes cast by Orford Shareholders (excluding the votes held by related parties under Multilateral Instrument 61-101) at a special meeting of Orford Shareholders Customary court and regulatory approvals and the satisfaction of other customary closing conditions
Timing	<ul style="list-style-type: none"> Mailing of Orford Shareholder meeting materials – February 2024 Special meeting of Orford Shareholders – March 2024 Closing of the transaction – April 2024
Orford Credit Facility	<ul style="list-style-type: none"> If the Orford Shareholder meeting has been held but the transaction has not closed by April 15, 2024, Alamos shall provide a non-convertible multi-draw credit facility or loan to Orford in the amount of up to C\$2 million Subject to regulatory approvals, the Orford Credit Facility shall be repayable in full, in Orford shares or cash at Orford's option by September 15, 2024
Other	<ul style="list-style-type: none"> Unanimously approved by the Boards of Directors of Alamos and Orford Officers and directors of Orford have entered into voting support agreements for the transaction Customary provisions including non-solicitation, "fiduciary out" and "right to match" provisions Reciprocal expense reimbursement up to a maximum of C\$500,000, payable in certain circumstances upon termination of the transaction Unexercised Orford stock options and warrants shall be converted into replacement securities based on the Exchange Ratio



BENEFITS TO ORFORD SHAREHOLDERS

- Opportunity to realize a meaningful and immediate premium:
 - Approximately 134% premium based on the 20-day volume weighted average price of Orford Shares (based on trading on all Canadian exchanges) for the period ending on January 12, 2024; and
 - Approximately 114% premium to the closing price of Orford Shares on the TSXV on January 12, 2024.
- Option to retain shares in Alamos, which is a premier, low-risk North America focused intermediate gold producer with a portfolio of high-quality mines and development assets, a strong balance sheet, a fully funded growth profile and a demonstrated history of returning capital to shareholders.
- Access to Alamos's strong balance sheet, robust free cash flow generation and technical expertise to accelerate the advancement of Orford's portfolio of properties (including Qiqavik, Joutel Eagle, Nunavik Lithium and West Raglan).
- Alamos Shares are listed on the Toronto Stock Exchange and the New York Stock Exchange and provide significant trading liquidity.

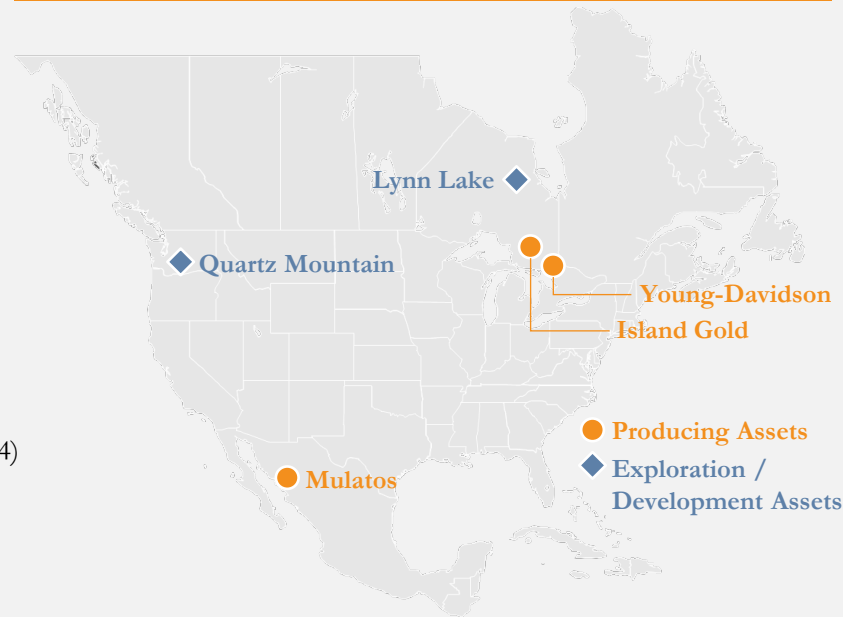


ALAMOS GOLD: A GROWING, DIVERSIFIED, INTERMEDIATE GOLD PRODUCER

Investment Highlights

- ✓ Dual-listed (TSX:AGI and NYSE:AGI)
- ✓ Fully funded organic growth
 - 2024E production: ~505 koz Au⁽¹⁾
 - Longer-term production potential: ~800 koz Au
- ✓ Declining cost profile
 - 2024E AISC: ~US\$1,150/oz Au^(1,2,3)
 - 2026+ AISC: ~US\$1,025/oz Au^(2,3)
- ✓ High quality, long-life assets in safe jurisdictions
 - Canadian assets comprise 87% of mining net asset value⁽⁴⁾
 - Average mine life of Canadian operations: 16-years⁽⁵⁾

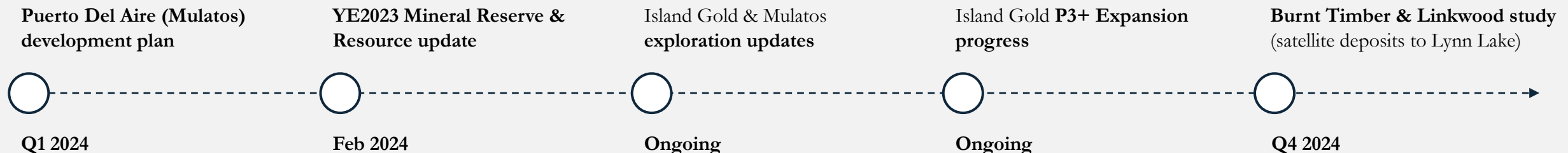
Key Asset Locations



Analyst Coverage

Bank of America - Harmen Puri
 BMO Capital Markets - Brian Quast
 Canaccord Genuity - Carey MacRury
 CIBC World Markets - Cosmos Chiu
 Desjardins - Jonathan Egilo
 Haywood Securities - Kerry M. Smith
 Laurentian Bank - Ryan Hanley
 National Bank - Michael Parkin
 Paradigm Capital - Lauren McConnell
 RBC - Michael Siperco
 Scotia Capital - Ovais Habib
 TD Securities - Steven Green

2024 Catalysts





ORFORD MINING CORP

The Company and It's Assets





BIG PROPERTIES + BIG GRADES = BIG POTENTIAL

Approx. 1,787 sq kms
of prospective land in Quebec
Canada

Qiqavik

Gold/Copper/Li

+

West Raglan

Ni/Cu/PGM

+

Nunavik Lithium

Li

+

Joutel Regional

Gold/Copper

- 439 sq kms
- 100% owned
- Drilled 34 RAB holes in 2023
- Discovered two outcropping gold vein systems and drilled them.
- Discovered new copper mineralization south of Esperance and channel sampled it.

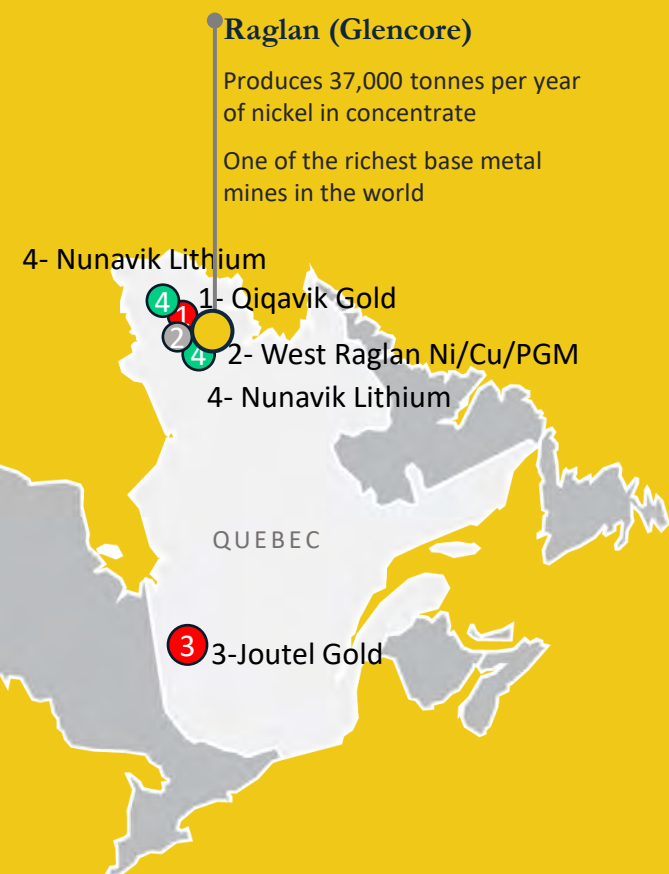
- 646 sq kms
- 51% Wyloo/49% Orford
- Wyloo Metals Earning in
- Flew airborne VTEM survey over southern portion of property and ground magnetics over select areas.
- Currently in targeting and program planning.

- 599 sq kms
- 100% owned
- 70 kms to all-season deep seaport
- Took 660 samples and found pegmatites across this virgin exploration land.
- Till sampling confirmed more LCT targets and gold targets.
- LCT Pegmatites confirmed – the first in Nunavik

- 104 sq kms
- 100% owned or option to own 100%
- At Joutel Eagle, 707 metres drilled in 2022 and 2,535 metres in 2023
- Delineated the South Gold Zone on Joutel Eagle - a thicker gold zone than previously known and higher gold grades.
- New North Gold zone discovered

PROJECT PORTFOLIO – LARGE REGIONAL PROPERTIES

2023 was a big year of exploration across all our properties



1,683 km² land position in the highly prospective and underexplored Cape Smith Belt and region and 104 km² in the heart of the Quebec Abitibi for a total of 1,787 km² in Quebec

Quebec is consistently viewed as one of the most attractive jurisdictions from a mining investment point of view.

1. Qiqavik Project (Au, Cu, Li) (100%)

- Camp-scale property with several multi-ounce boulder trains such as the Annick Trend intersecting major structures such as the IP Lake Structural zone.
- A 34 RAB drill hole campaign along with IP geophysics, mapping and prospecting in 2023.
- In 2023 discovered a couple new gold vein systems at surface and drilled them, assays pending.
- In 2023 the Qiqavik property increased in size to 439 km²

2. West Raglan Project (Ni, Cu, PGE) (49% Interest)

- Wyloo Metals Pty Ltd. (51%) entered an earn-in agreement with Orford in 2021 to earn up to an 80% interest by spending \$25 million amongst other items.
- Property covers 646 km²
- Frontier Zone: identified five high-grade (2-3% Ni, 3+ g/t PGE) mineralized lens clusters over a 2,500 m strike (comparable geology to Glencore's Raglan Mine)

3. Joutel – Eagle (option to 100%); McClure East, Joutel South and Joutel Omega (Au) (100%)

- Located in the prolific gold mineralized Casa Berardi /Joutel structures, in the heart of the Abitibi region (accessible by road)
- Area last saw exploration in the early 1990's.
- Drilling at South Gold Zone confirms continuity along with new North Gold Zone.
- The properties total cover 104 km²

4. Lithium Properties in Nunavik (Li) (100%)

- Staked the most prospective Lithium ground in the Cape Smith area of Nunavik in February 2023 and success discovering LCT pegmatites led Orford to increase the land package to 596 km² after LCT Pegmatites were discovered

Royalties

Owns a 3.5% NSR on the Falan property (Malabar Gold) and a 2% NSR on the Santa Ana property (Outcrop Silver and Gold Corp.) both in the Mariquita Silver district of Colombia. This district was one of Colombia's most prolific colonial silver camps.

CORPORATE SNAPSHOT

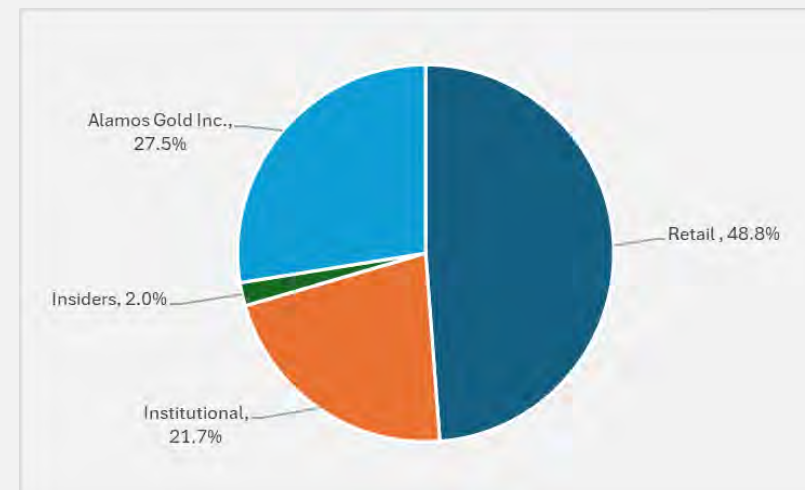
Capital Structure and Share Performance

Capital Structure

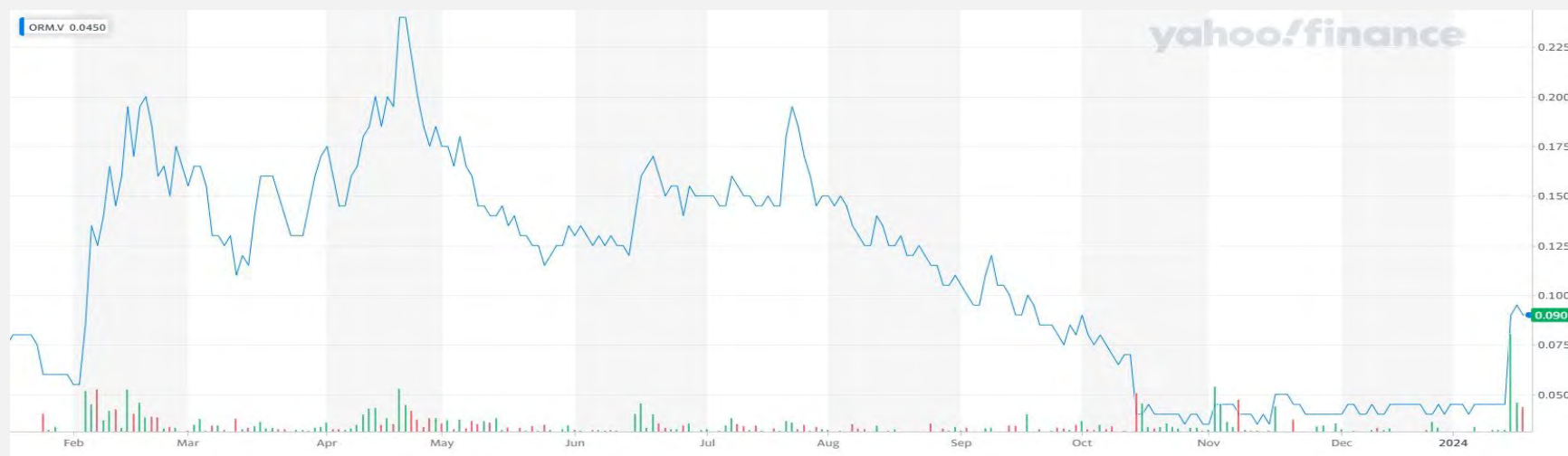
Ticker	TSXV:ORM
Basic Shares Outstanding ¹	224.78M
Options	16.93M
Warrants	28.78M
Fully Diluted Shares Outstanding	270.49M
Cash (Sept. 30, 2023)*	C\$1.55M

*Note: On November 15, 2023 Orford closed on a private placement of \$1.0 million.

Share Ownership



TSX-V (January 17, 2024)



MANAGEMENT

High Quality Exploration and Finance Team – With a Solid Track Record of Wealth Creation

DAVID CHRISTIE

President, CEO, and Director

- Professional Geologist (in Ontario and NWT and Nunavut) with more than 35 years of experience in the resource sector
- Former Vice President with Goodman & Company Investment Counsel and Dundee Resources Inc.
- Former President, CEO, and Director of Eagle Hill Exploration and former mining research analyst at TD and Scotia
- Former Director of eCobalt Solutions Inc., Osisko Mining Inc. and Condor Precious Metals (private)

CINDY DAVIS

CFO

- Accounting professional with 19 years of accounting experience, 12 of which has been with Marrelli Support Services at a Senior Level. Registered as a CA and a CPA.

ALGER ST-JEAN

Chief Geoscientist

- Professional Geologist (in Quebec and Ontario) with +25 years of experience in mineral exploration and development
- Currently Chief Operating Officer of Dumont Nickel – Magneto Investments LP
- Previously VP Exploration & director of Orford Mining, former VP Exploration of RNC Minerals (Karora Resources) and former Senior Geologist at Xstrata Nickel (formerly Falconbridge)

MICHELLE SCIORTINO

VP of Exploration

- Professional Geologist (in Ontario) with +15 years of experience in mineral exploration and development
- Previously Senior Project Geologist with RNC Minerals (Karora Resources), and Senior Geologist for Orford Mining



BOARD OF DIRECTORS

High Quality Capital Markets/Mining Focused Board

PETER MACPHAIL

Chairman

- Professional Engineer with over 25 years of operational experience
- Former Chief Operating Officer of Alamos Gold Inc,
- Former Chief Operating Officer of AuRico Gold

LAWRENCE SMITH

Director

- +25 years of experience in investment management, equity research, and banking – MBA and CFA holder
- VP Portfolio Management and Research at CIBC Asset Management, Director of Equity Research at Scotia Capital and Blackmont Capital, and Project Manager – Corporate Development at Rio Algom Limited

JOHN MCCLUSKEY

Director

- John McCluskey is the President and Chief Executive Officer (and director) of Alamos Gold Inc. and has held this position since 2003 when he co-founded the Company with mining hall of famer Chester Millar.
- Mr. McCluskey was formerly a Director of the World Gold Council and is currently an Alternative Director.
- Mr. McCluskey was the recipient of the 2018 Murray Pezim Award for Perseverance and Success in Financing Mineral Exploration by the British Columbia Association for Mineral Exploration. This award recognized Mr. McCluskey's role in the acquisition, financing, and encouragement of successive discoveries at Mulatos, as well as his ongoing success as CEO of Alamos.
- Mr. McCluskey was also named Ontario's 2012 Ernst & Young Entrepreneur of The Year, based on a judging panel's assessment of financial performance, vision, leadership, innovation, personal integrity and influence, social responsibility, and entrepreneurial spirit.

MARK GOODMAN

Director

- Former Executive VP and COO of Dundee Corporation and Chairman of Dundee Sustainable Technologies
- Previous CEO of Ryan Gold, Valdez Gold, Cogitore Resources, a base metal exploration company in Northern Quebec

BEN PULLINGER

Director

- Professional Geologist (in Ontario) with over 17 years of exploration and mining experience
- Currently Senior Vice President Exploration and Business Development at ATEX Resources Inc.
- Former Executive Vice President of Geology at Golden Star Resources Ltd.
- Former Senior Vice President of Geology and Business Development at Excellon Resources Inc.
- Former Vice-President Exploration at Roxgold Inc.

MONIQUE RABIDEAU

Director

- Monique is the Practice Lead, Capital Markets and Securities for Practical Law Canada at Thomson Reuters. Previously with Fogler, Rubinoff LLP, a full-service law firm in Toronto where she practiced for 22 years in the business law dept.
- Chair of the Board of the Dancer Transition Resource Centre.
- Graduated magna cum laude from McGill in 1988 then obtained her Juris Doctor from the University of Toronto in 1991
- Monique was previously a director of eCobalt Solutions Inc.



NUNAVIK AREA MINERAL PROPERTIES

Nunavik Lithium, Qiqavik Gold and West Raglan



NUNAVIK REGION EXPLORATION

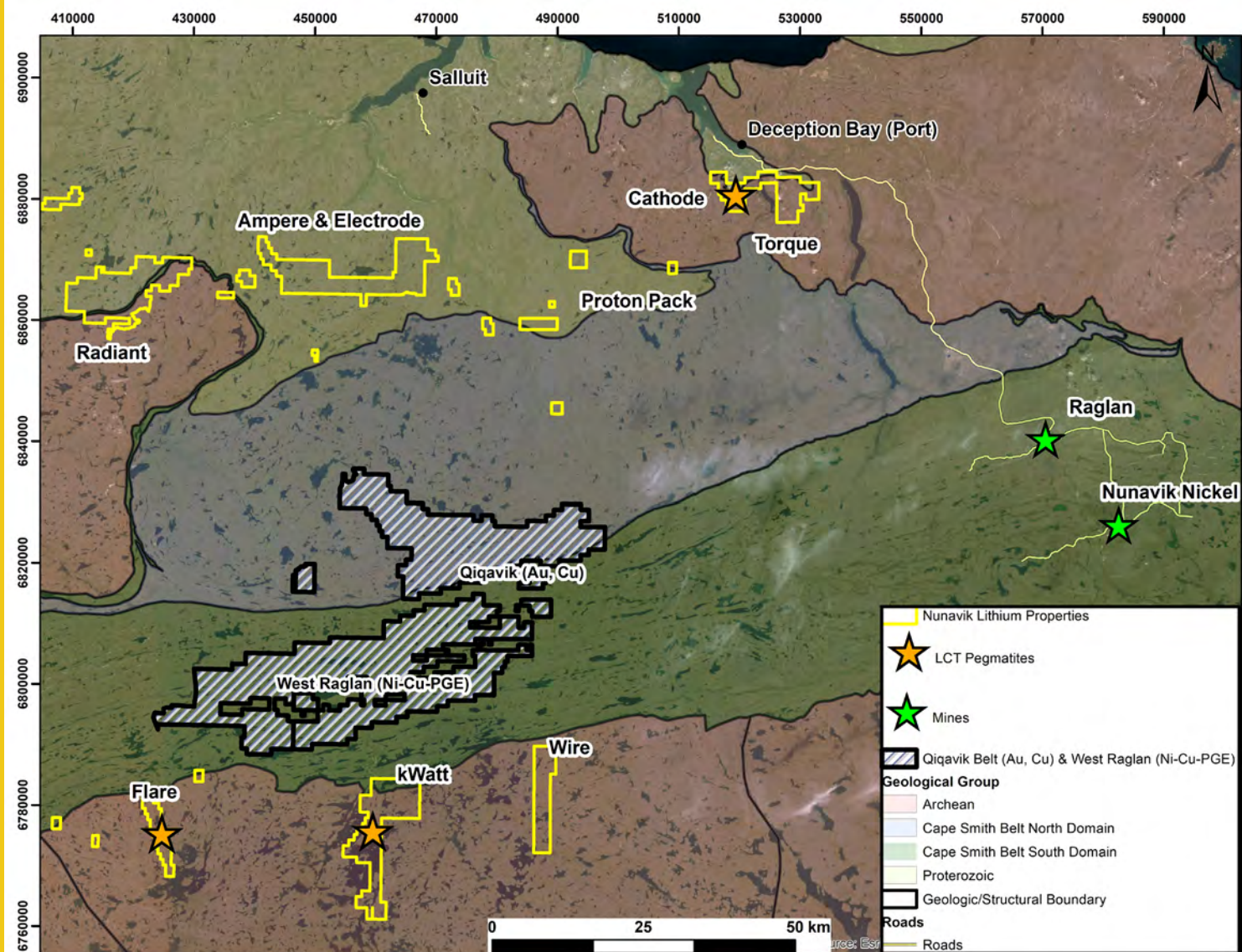
Multi Commodity – Multi
Disciplined Exploration

Orford has 1,683 km² of mining claims to explore in the Nunavik Region. The largest land position in the Cape Smith Belt Area.

Exploring for Lithium, Nickel-Copper-PGE and Gold in a vastly underexplored but proven mineral belt with two long life nickel-copper-PGE mines just to the east of Orford's property positions.

Established Chukotat Camp, airstrip, and fuel stockpile has given us a strong advantage in the region

The Deception Bay deep seaport adds a logistical advantage to the area.



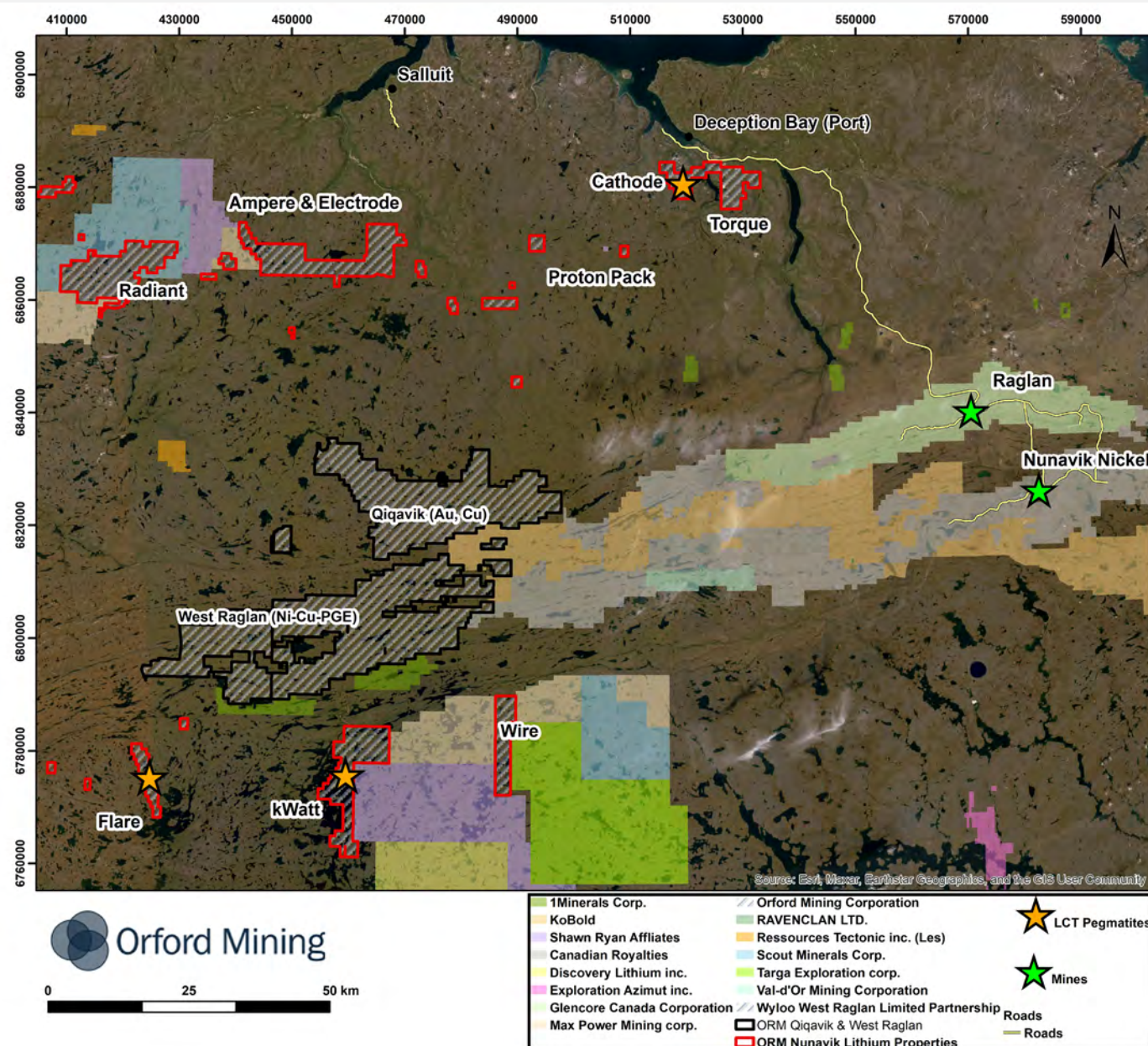
NUNAVIK NEIGHBOURS

Orford has largest Cape Smith Area Mining Claim Holdings

Orford had first mover advantage when staking its lithium ground. Since we staked our picks for lithium potential in the region, other groups have come in and blanket staked what was left.

Orford has staked what it believes is a new gold district at Qiqavik and again has had first mover advantage.

Kobold, a group backed by Bill Gates, Jeff Bezos and Richard Branson came into the area a few years ago and staked the ground that was left between ground controlled by Glencore, Orford and Canadian Royalties. Kobold is exploring for nickel sulphide deposits such as those found at the Raglan and Nunavik Nickel mines





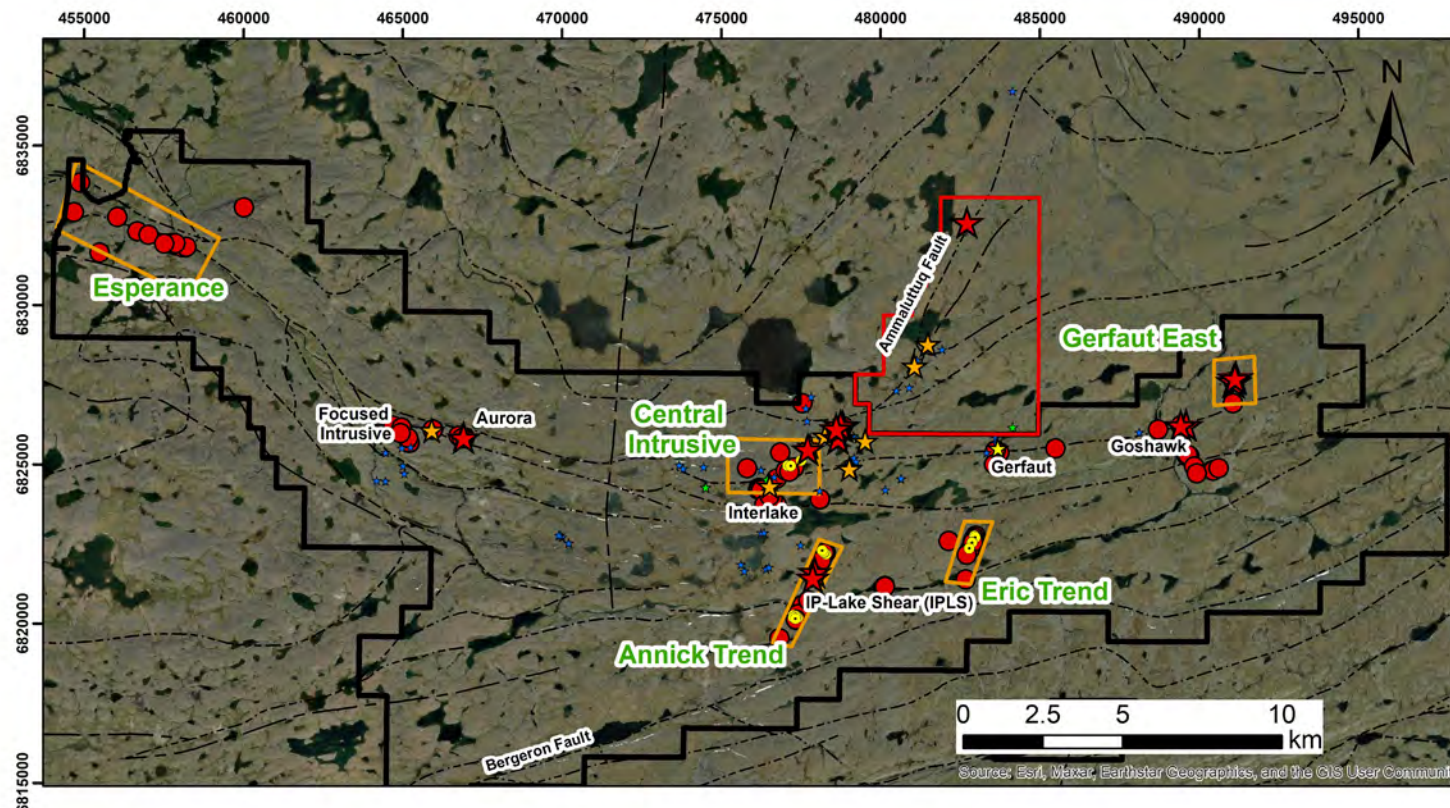
QIQAVIK GOLD PROJECT

Nunavik Region – New Gold District

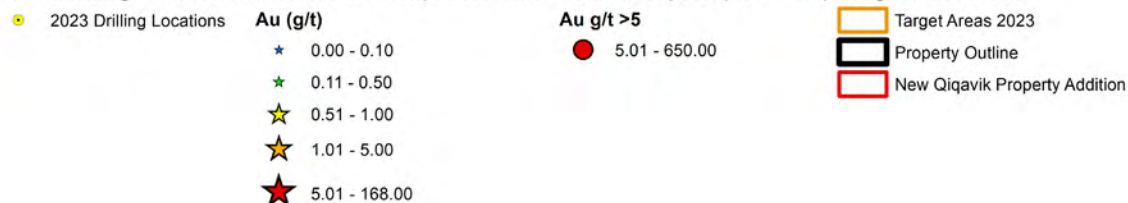


QIQAVIK GOLD/COPPER PROPERTY

2023 Areas of exploration focus



2023 Drilling Locations 2023 Grab Sample Results Grab Samples (Pre 2023) Target Areas 2023

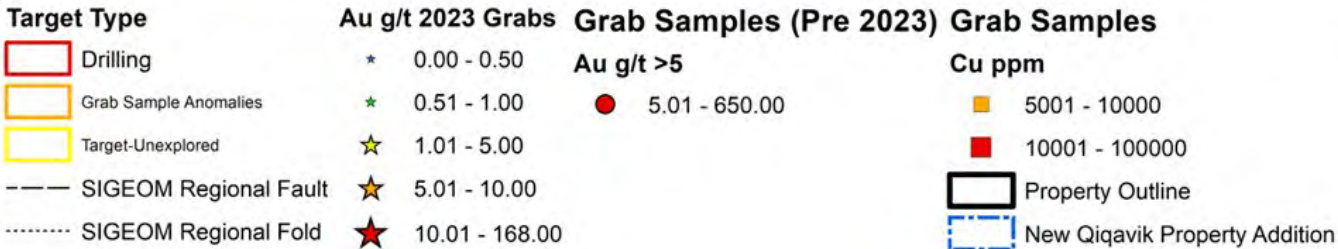
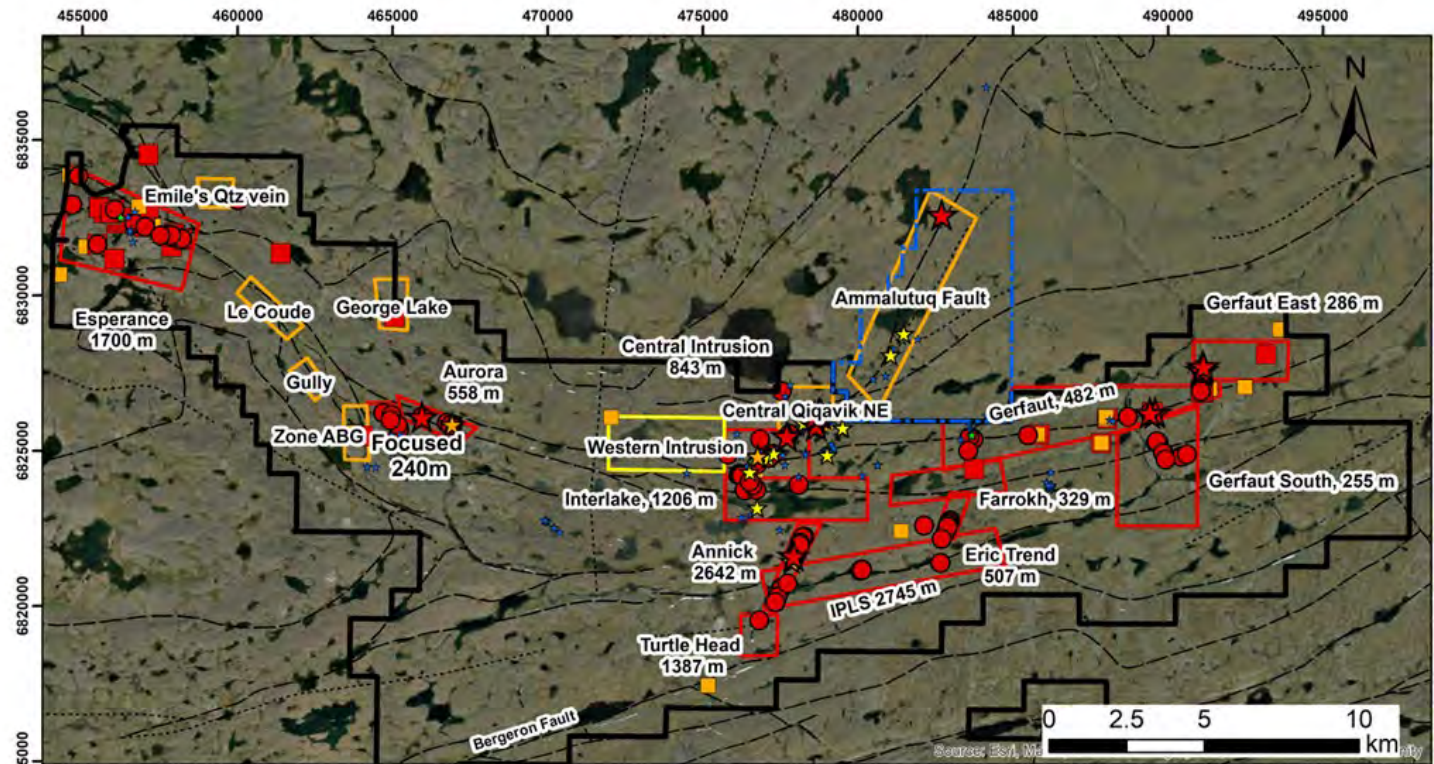


- 2023 work focused on drilling, geophysics, and prospecting on the Gerfaut East, Central, Annick and Eric project areas of the belt.
- In total 34 Rotary Air Blast (RAB) holes were drilled for a total of 2,435 metres and 32 line-km of ground IP (Induced polarization) surveys were completed.
- Increased the size of the property by 32 km² to cover the Ammaluttuq Fault/Central area and Gerfaut East gold mineralization potential.

Note that grab samples are selective by nature and values reported may not be representative of mineralized zones.

QIQAVIK GOLD BELT

43,875 hectares of Gold Exploraton Targets Remain Vastly Underexplored (1,073 Claim Parcels)

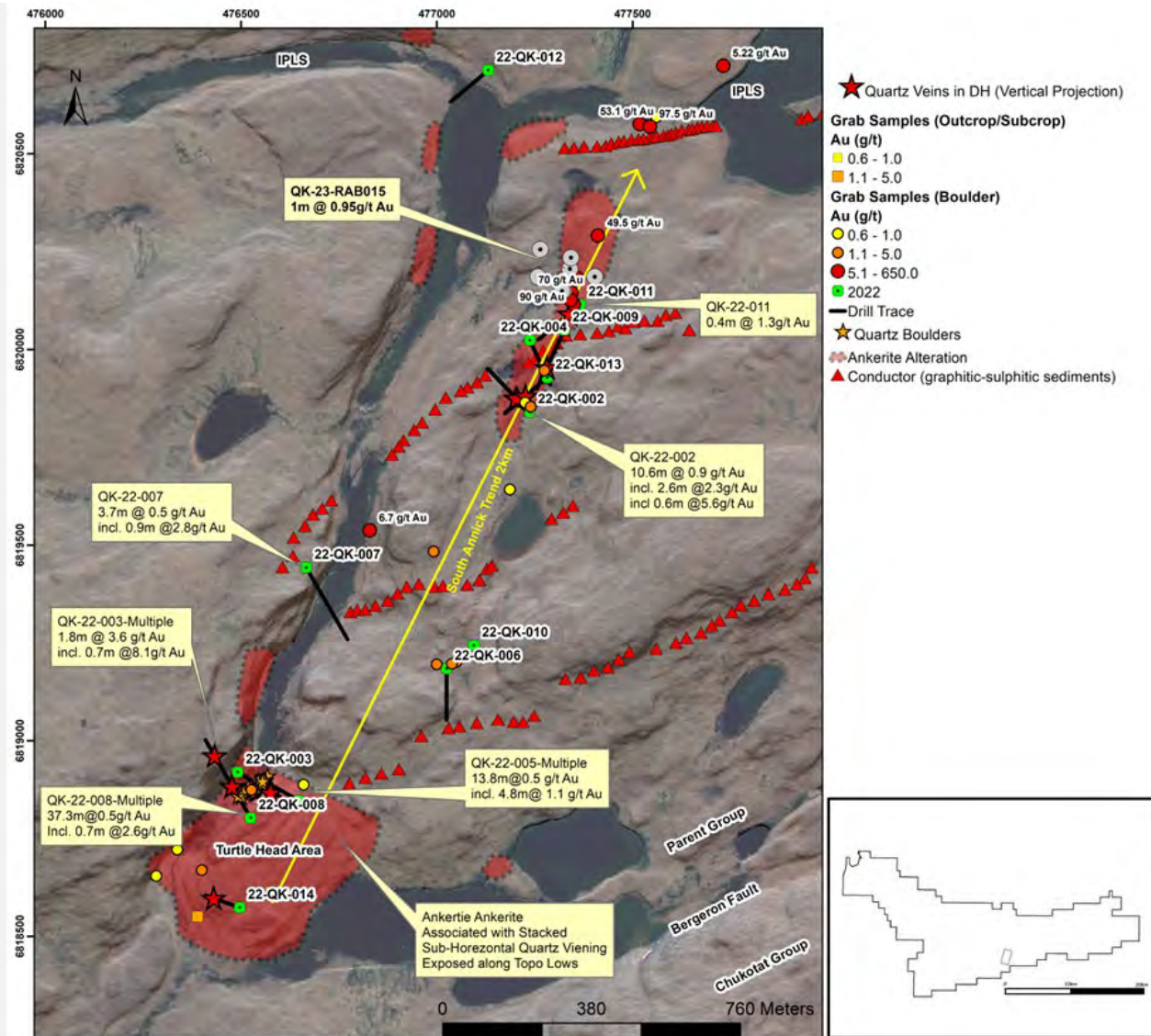


WEST	Property	# DDH	DDH (m)	# RAB	RAB (m)	Total (m)	Trend Length (km)	# Drill Programs
<div></div>	Esperance	15	1700			1700	4	1
	Aurora	4	558			558	2.2	1
	Focus Intrusive	1	240			240	1.2	1
	Central Intrusion	5	633	4	209.75	843	2.7 to 10(?)	2
	Interlake	6	1206			1206	2.5	2
	Annick Trend	7	1023	18	1619.41	2642	3.5	2
	Turtle Head	7	1387			1387	1.3	1
	IPLS	15	2745			2745	7.5	1
	Eric Trend			8	506.6	507	1.3	1
	Farrokh	2	329			329	unknown	1
	Gerfaut South	2	255			255	unknown	1
	Gerfaut East			6	286.02	286	0.5	1
	Gerfaut	5	582			582	11	1
	Total (m)					13279		
	EAST							

Note that grab samples are selective by nature and values reported may not be representative of mineralized zones.

QIQAVIK GOLD PROJECT – ANNICK SOUTH TREND

The Annick story continues to evolve



- The Annick boulder train is an approximately 3.5 km long trend of angular quartz (+/- carbonate) boulders (up to several metres in size) containing pyrite +/- sulfosalts, galena, sphalerite, arsenopyrite and graphite grading up to 648 g/t Au
- RAB drilling potentially intersected the Annick structure in 3 places.
- Increased silicification, sericitization and ankerite alteration along the southern 2 km of the trend with elevated gold grades intersected in drill holes suggest this area is the right environment.
- Requires further detailed mapping and drilling.

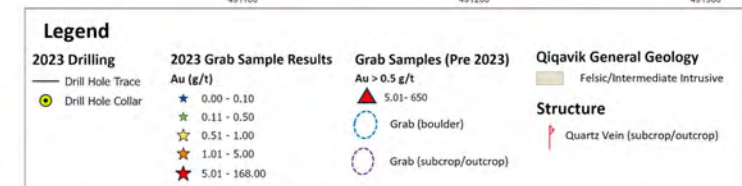
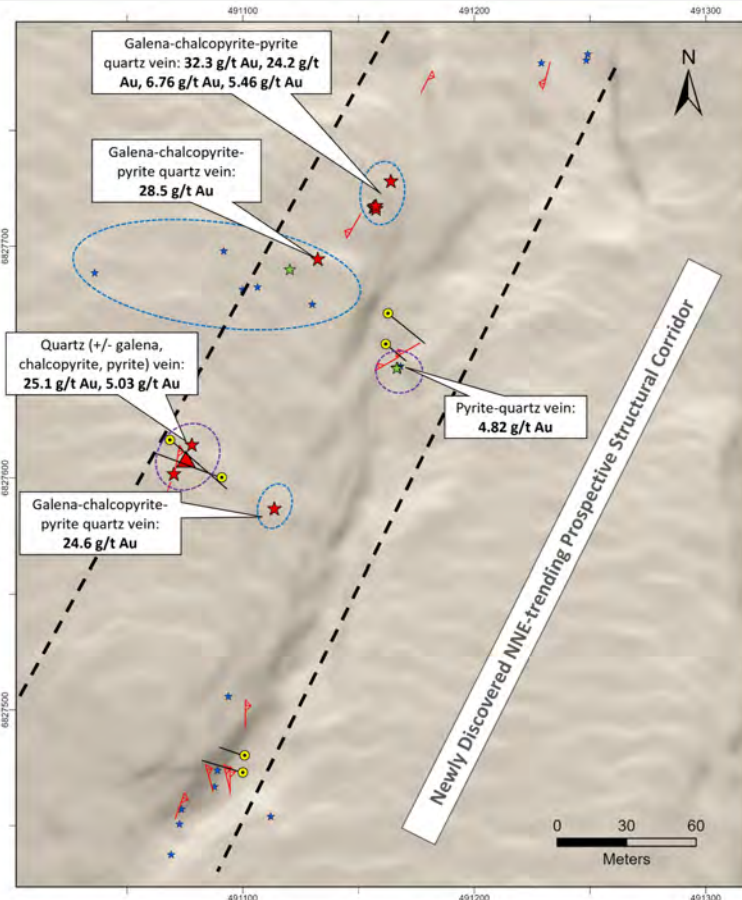
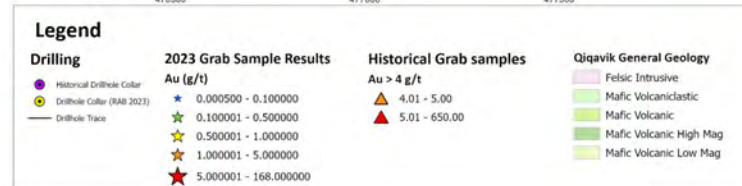
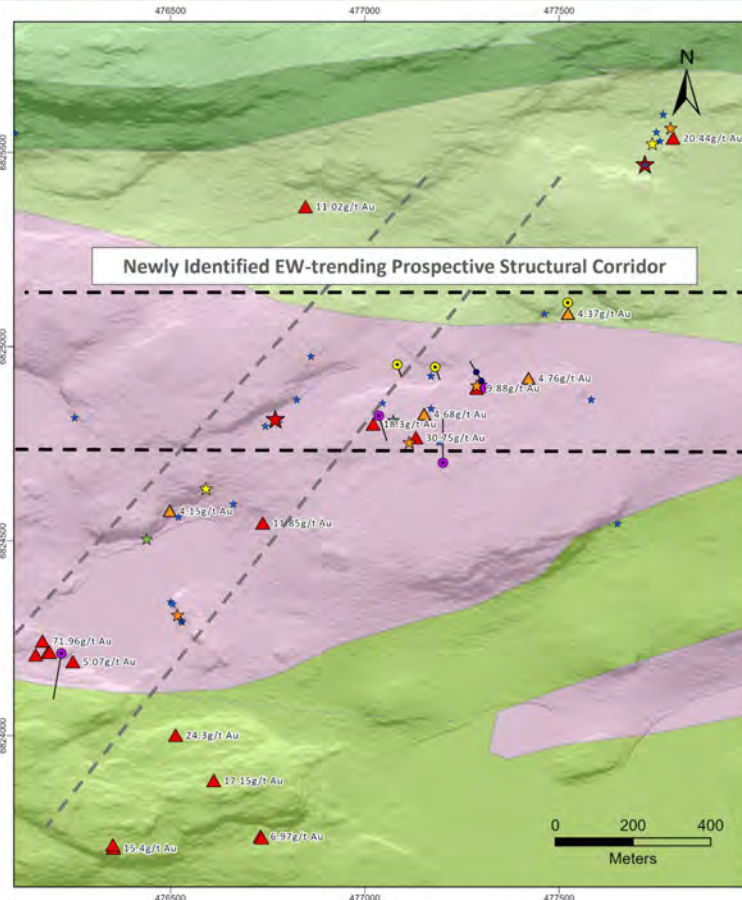
Note that all drilling intervals are down-hole lengths. True thicknesses cannot be estimated with available information. Note that grab samples are selective by nature and values reported may not be representative of mineralized zones.

NEW GOLD MINERALIZATION AT CENTRAL AND GERFAUT EAST

Gold in quartz vein in felsic Intrusive in outcrop

Central Intrusive Gold Mineralization

Gerfaut East Gold Mineralization

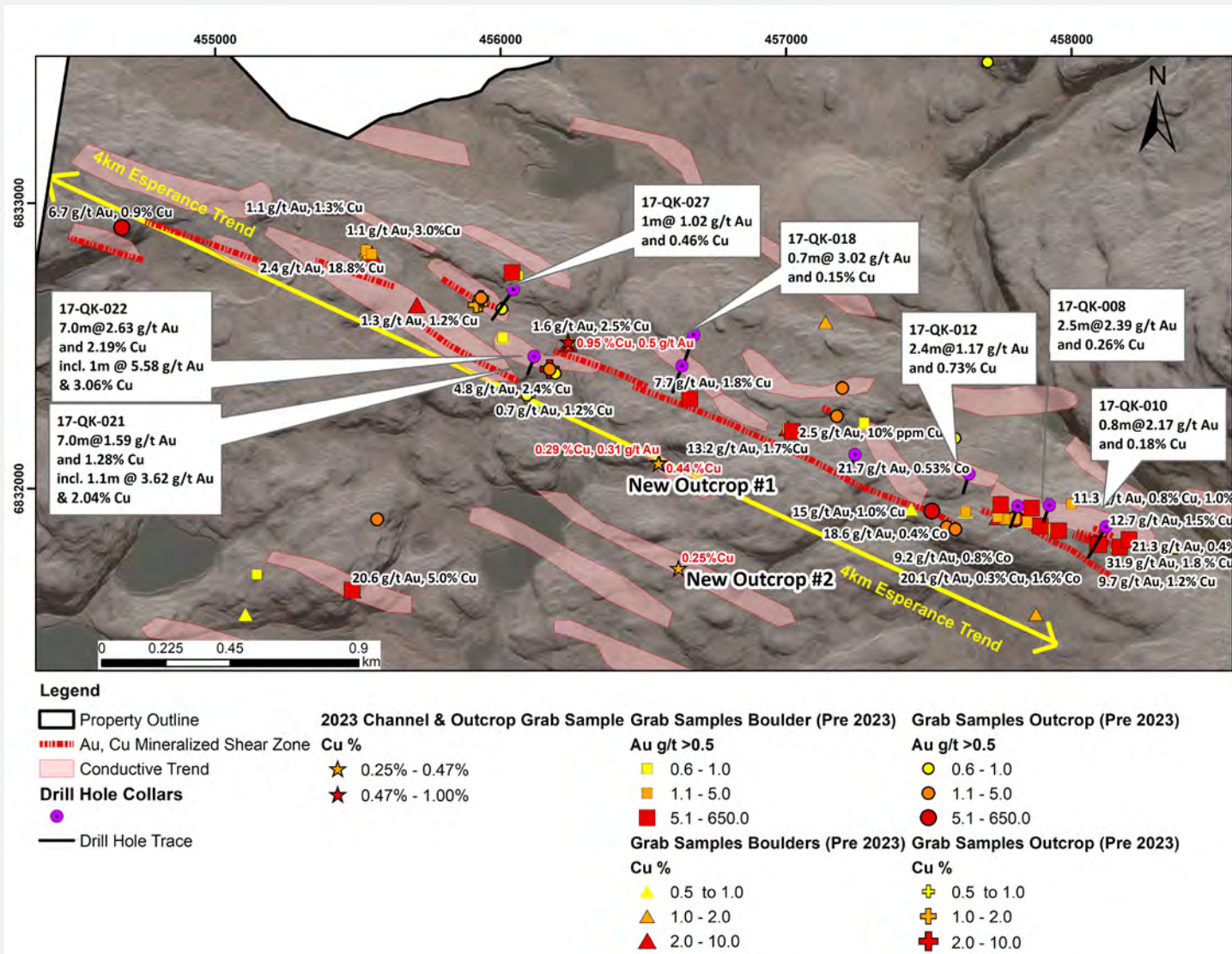


- Two vein systems discovered at the Central Intrusion and one at Gerfaut East.
- The Gerfaut East vein system is an intrusion associated gold vein system previously covered by permanent snow.
- The Central Intrusive sulphide-bearing vein system is defined by a series of subparallel E-W-trending shears zones with ankerite alteration in granodiorite.
- Surface grades of mineralization at the two similar systems grade up to 32.3 g/t gold at East Gerfaut and up to 30.75 g/t at the Central Intrusive.
- The extension of the Central structure to the northeast returned grab sample assays of as high as 168 g/t Au.

Note that grab samples are selective by nature and values reported may not be representative of mineralized zones.

QIQAVIK GOLD/COPPER PROPERTY

Esperance trend: multiple new copper showings discovered within 400 metres of the Main Trend



- The Esperance area hosts a trend of copper and gold mineralization over 4 km in length hosted in shear-hosted basalt
- In 2023, prospecting and mapping identified two new outcropping zones of copper sulphide 200 m and 370 m south of the main trend, hosted in same host rocks as the main trend basalt.
- Both new outcrops are coincident with VTEM conductors which run parallel to the main trend. This suggests replication of the main zone by folding and shearing, which could be a volume game changer for Esperance.
- Sampling of these newly discovered outcrops returned assays as high as 0.44% copper, and 0.29% copper and 0.31 g/t gold, and not worth a boulder sample further south and coincident with a conductor grades 20.6 g/t gold and 5% copper.
- Airborne EM conductors suggest the mineralization may extend to the east for 250m.

Note that all drilling intervals are down-hole lengths. True thicknesses cannot be estimated with available information. Note that grab samples are selective by nature and values reported may not be representative of mineralized zones.



NUNAVIK LITHIUM PROPERTIES

First Exploration year on this ground by anyone



NO SHORTAGE OF PEGMATITE IN FIRST PASS EXPLORATION

In 2023 Field teams have taken 640 samples including some channel samples

- On February 6, 2023, Orford announced that it had staked 455 sq km for lithium. We have increased claim size a number of times with it now at 557 sq kms a 22% increase and since then increased our land position to 589 sq kms.
- New ground staked based on one or all of the following criteria (MRN data):
 - Mapped pegmatite
 - Lake bottom sediment geochemistry with anomalies in 90th percentile or higher for elements of interest such as Li, Cs, Rb, Nb and Be.
 - Anomalous grab samples for pathfinders and Li.
 - Geologic boundaries where spodumene-bearing pegmatitic rocks may be emplaced
 - Later remote sensing work helped to refine our search.
- Used remote sensing satellite imagery to fine tune targeting before summer field season.

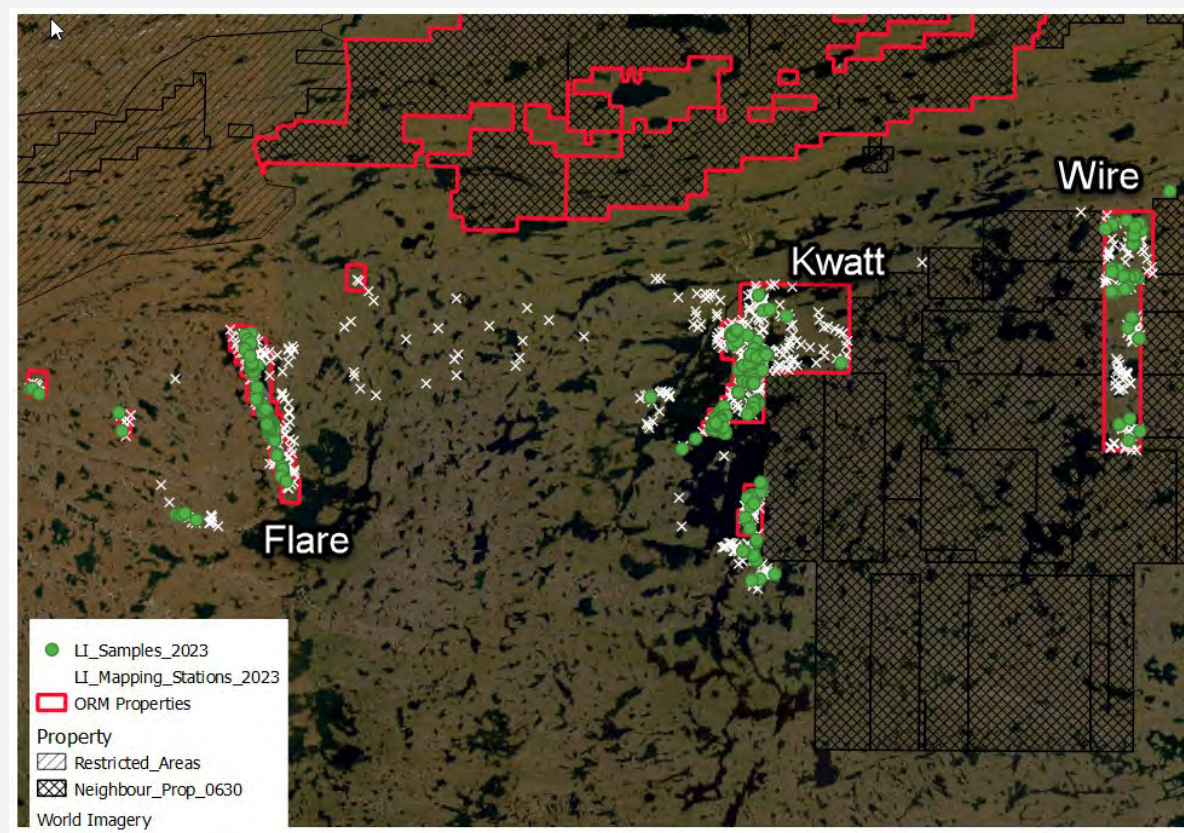
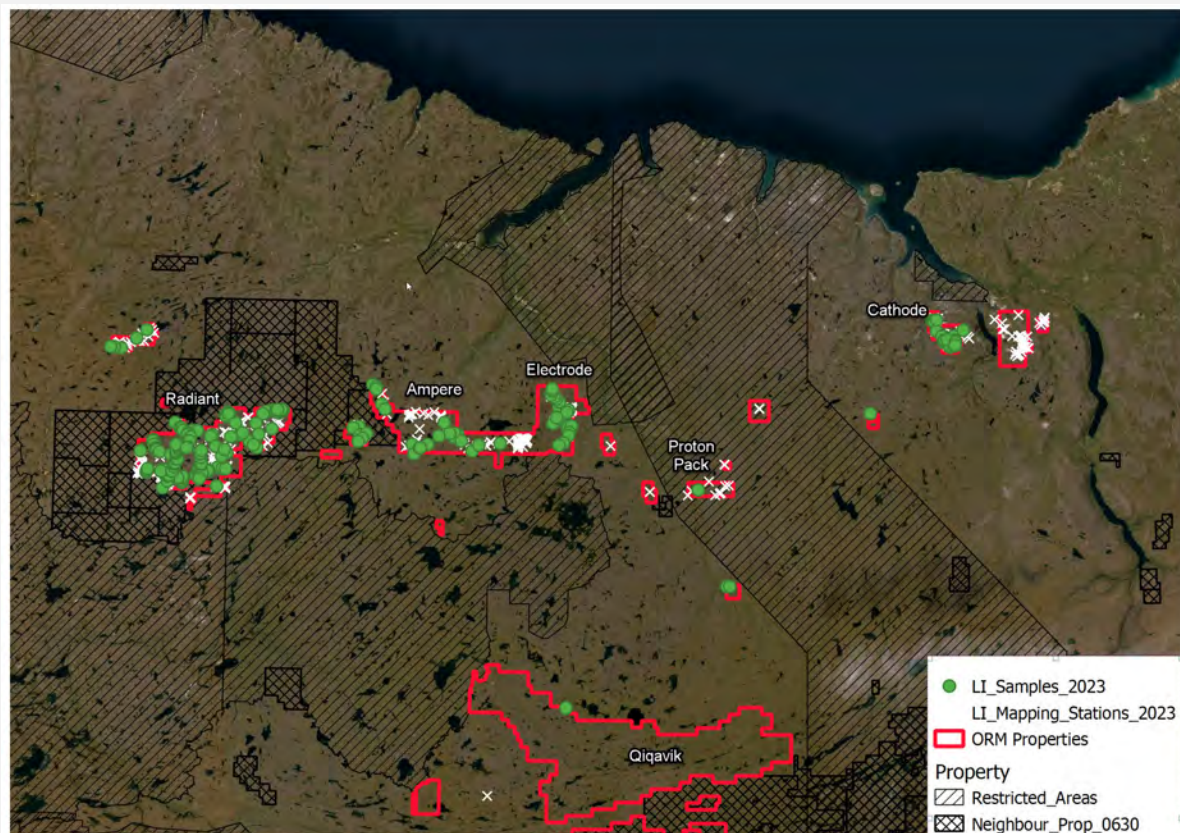


NUNAVIK LITHIUM – LCT PEGMATITES DISCOVERED

1st Pass Prospecting Complete and was a success proving we have the right environment for Lithium

Type	Number	Pegmatite
Mapping Stations	1534	580
Grab Samples	621	489
Channel Samples	19	19
Till Samples	550	

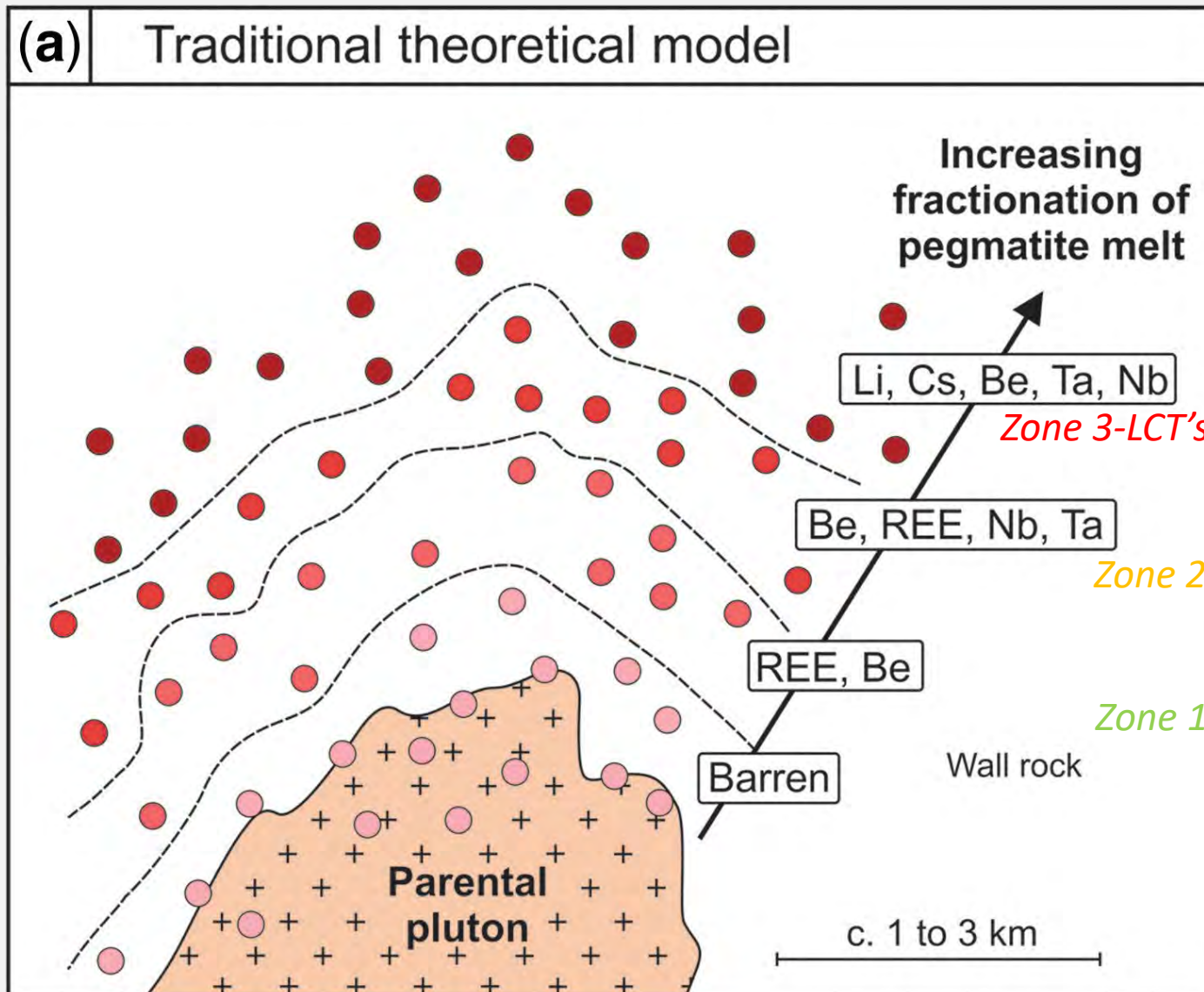
- Pegmatites bearing green muscovite, tourmaline +/- beryl, garnet, appetite (along with albite, quartz and feldspars) observed on 3 properties: Cathode, Flare and Kwatt and are considered the most prospective.
- Results from the assays indicate the discovery of LCT bearing pegmatites on three properties: kWatt, Flare and Cathode
- On these 3 properties pegmatites intrude into volcanics and sediments a favorable environment for LCT's
- 550 till samples taken on the northern properties where government lake sediments indicate a strong lithium source as a tool to fine tune that search.



Note that grab samples are selective by nature and values reported may not be representative of mineralized zones.

NUNAVIK LITHIUM

Orford's properties have the right fractionation for Lithium

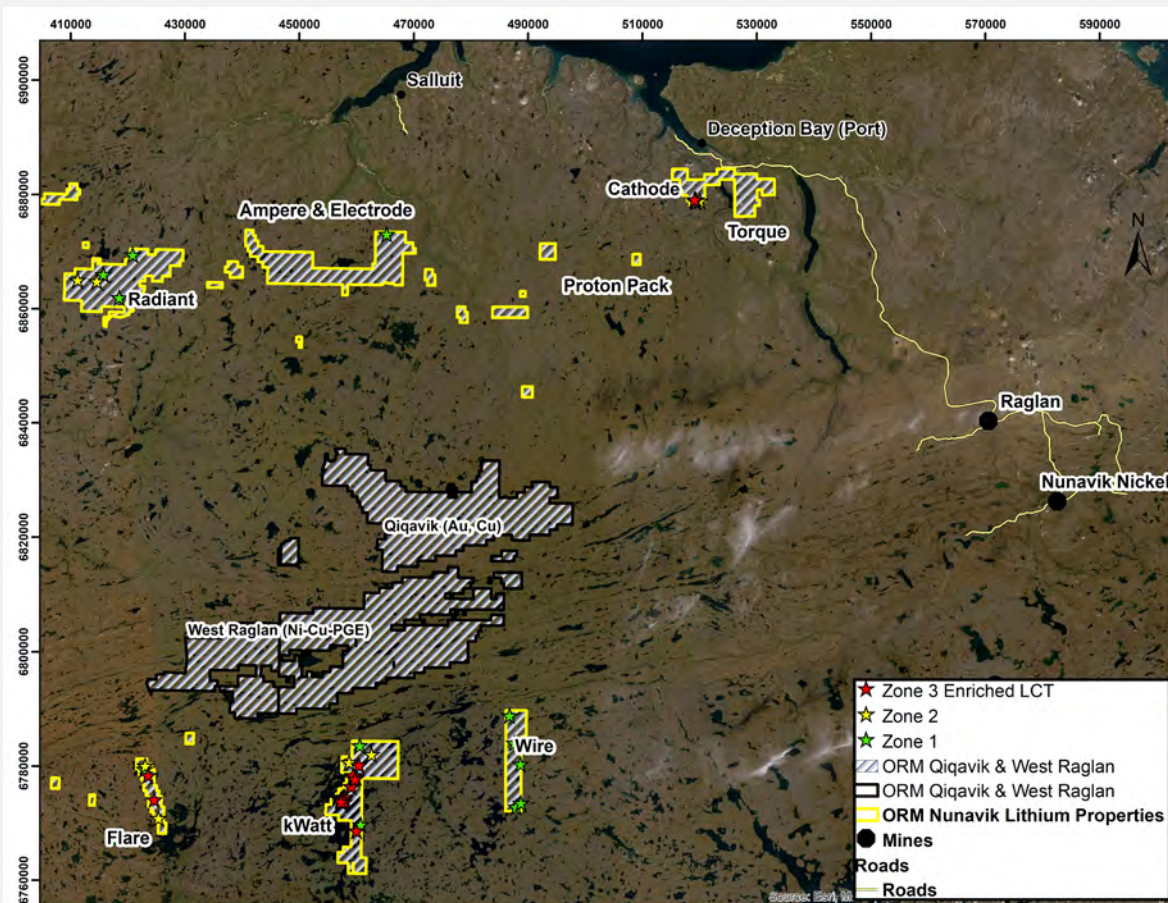


- ★ Cathode, Kwatt, Flare
- ★ Radiant, Ampere
- ★ Radiant, Ampere, Wire

Image: Altered from Muller et Al. 2022. GREENPEG-exploration for pegmatite minerals to feed the energy transition: first steps toward the Green Stone Age. Geological Society, London, Special Publications Volume 526. Pages 193 - 218

INCREASED PROPERTY SIZE BY 8% TO COVER LCT PEGMATITES

The lithium potential on Flare, kWatt and Cathode is proven by hosting LCT pegmatites.



Pegmatite sample from kWatt

(sample E5841824, 375ppm Li, 50.3 ppm Cs, 12ppm Ta, 1280ppm Rb)

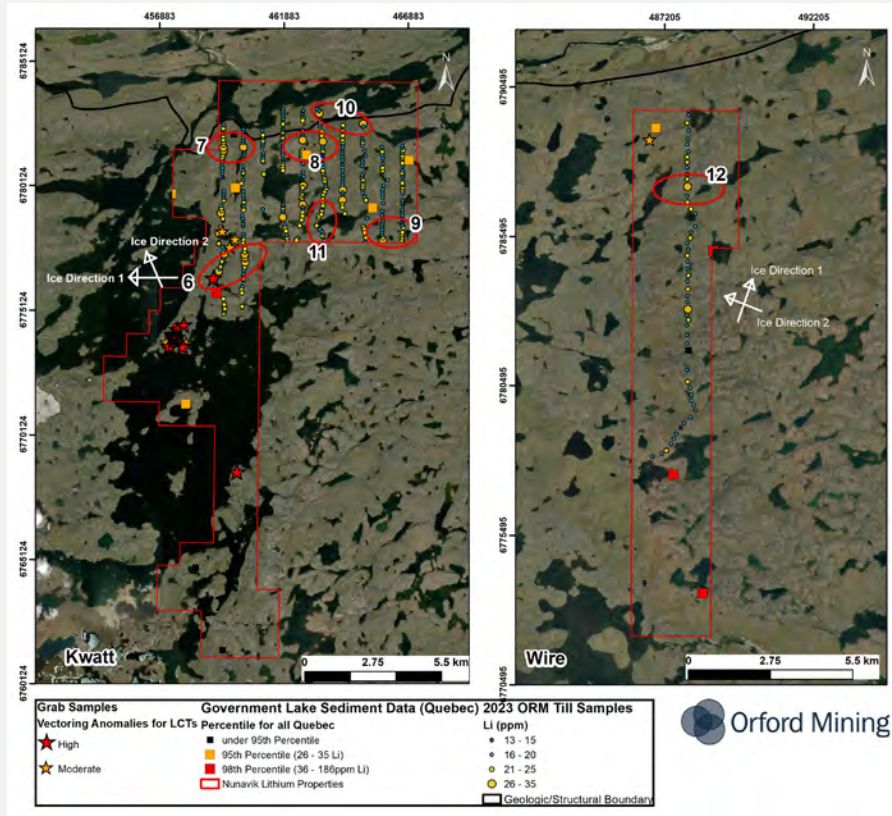


Note that grab samples are selective by nature and values reported may not be representative of mineralized zones.

LCT enrichment is defined by the following concentrations in ppm which are values greater than Cs>30, or Ta>20, or Li>100, or Rb>1000, or Sn>30, or Ga>20
Zone 2 Enriched are anomalous in Be, Nb, Ta

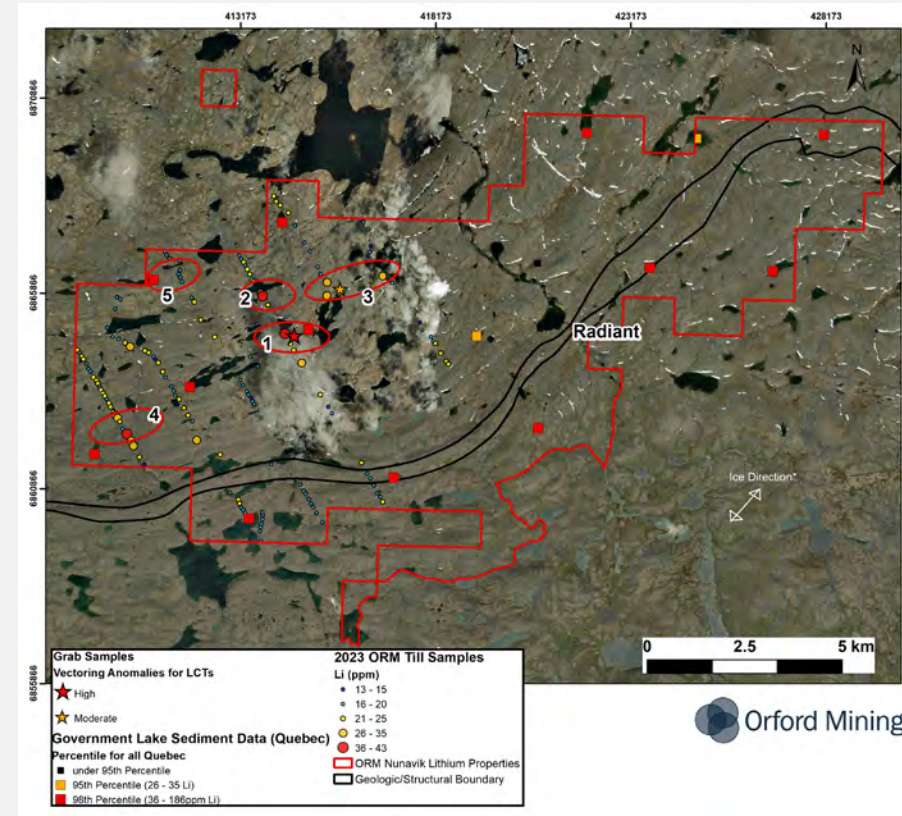
NUNAVIK LITHIUM PROPERTY TILL SAMPLING RESULTS

Identified 12 new target areas that are anomalous in lithium, cesium and tantalum



kWatt and Wire

352 glacial till samples were collected in the northern part of kWatt and 52 samples from the wire property. Sites on kWatt were sampled every 80 m at 800 m-line spacing covering ~35 km² of the property. Initial results identified 15 samples with elevated values in lithium, cesium and tantalum with six new prospective target areas outlined that are locally spatially associated with enriched pegmatites. On Wire there was one anomalous sample generating one new target area.



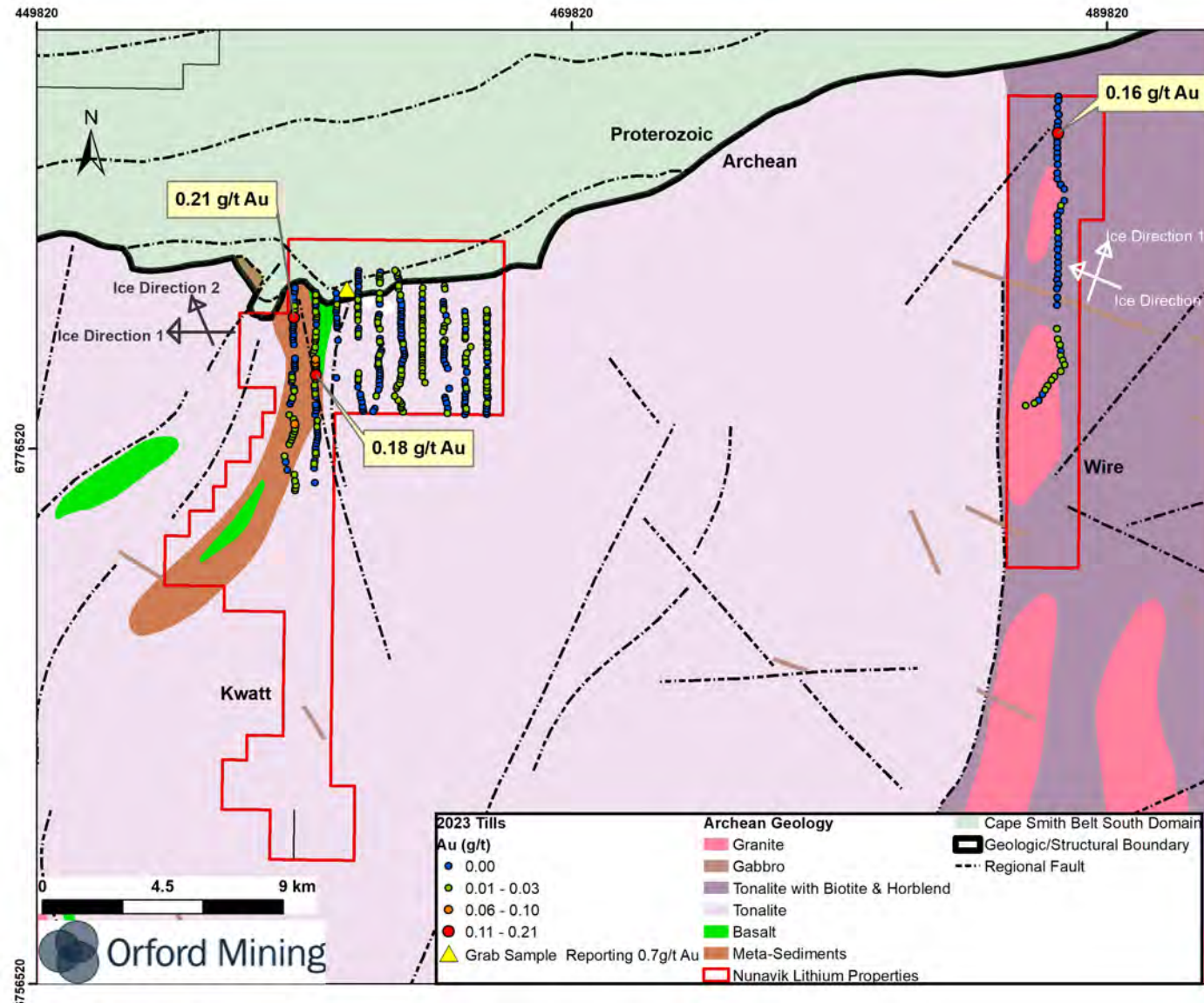
Radiant

146 glacial till samples were collected (100 m x 1.5 km) over the western half of the Radiant property (~50 km²). Of these samples, 11 were anomalous in lithium and indicated enrichment in cesium and tantalum yielding 5 new target areas, some of which are proximal to known enriched pegmatites that were discovered during the 2023 field program.

Note that grab samples are selective by nature and values reported may not be representative of mineralized zones

NUNAVIK LITHIUM PROPERTY TILL SAMPLING RESULTS

Gold results on kWatt and Wire are in the 99.5 percentile of Orford's regional database



- The glacial till results indicate gold prospectivity at kWatt.
- Samples returning significant values (e.g., 0.18 and 0.2 g/t Au).
- Anomalous Till samples are close to a subcrop grab sample of quartz vein in metasediment that returned 0.7 g/t Au.
- Till geochemistry specifically for gold has been very successful in the region, specifically at its camp scale Qiqavik gold property.
- The magnitude of the gold values obtained in till on Kwatt and Wire are in the 99.5th percentile of Orford's regional till database of 5,650 till samples.
- The location of the higher-grade till samples on kWatt appear to be coincident with a regional NNW-trending structure identified in government mapping.

Note that grab samples are selective by nature and values reported may not be representative of mineralized zones.



WEST RAGLAN NI/CU/PGM/CO PROJECT

Wyloo Metals 51%/ Orford 49%



WEST RAGLAN PROJECT – HIGH GRADE NI/CU/CO/PGM WYLOO METALS EARN-IN TO LARGE RICH LAND PACKAGE

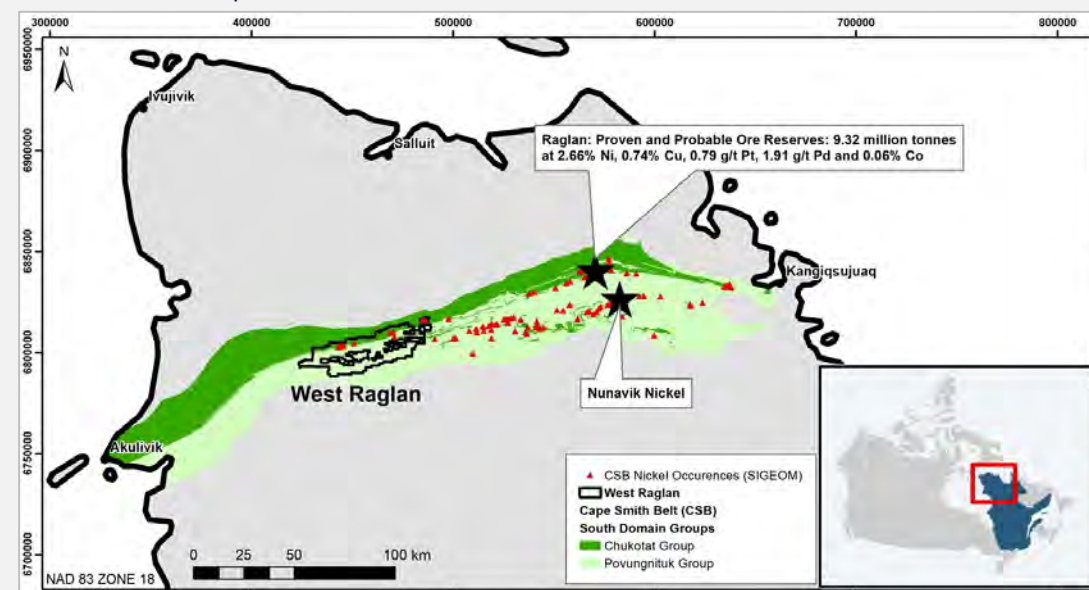
Massive 713 km² property in a prolific, yet underexplored region in Quebec

- 51% Wyloo, 49% Orford Mining, advanced stage Ni-Cu-PGE exploration project covering nearly 707 km² in the Cape Smith Belt, Nunavik, Quebec
- Wyloo notified Orford that it is exercising the second earn-in option to complete an additional C\$5 million in expenditures on the West Raglan property to earn an additional 19% interest in the property (to reach 70%) by January 18, 2026.
- Cape Smith Belt is host to prolific high-grade polymetallic nickel deposits and includes two operating mines: Raglan and Nunavik Nickel
- Located ~80 km from Glencore's Raglan Mine
 - Raglan is a first quartile cash cost nickel operation
 - One of the highest ore grades among significant global nickel deposits (Raglan's Proven and Probable Reserves as of Dec. 31, 2021, stood at 9.32 Mt at 2.66% Ni, 0.74% Cu, 0.79 g/t Pt, 1.91 g/t Pd and 0.06% Co¹)
- Orford executed an earn-in agreement with Wyloo Metals in January 2021 on West Raglan.
 - Wyloo can earn up to 80% in the West Raglan Project by spending \$25 million and completing a feasibility study and making a cash payment to Orford.

Note The information disclosed herein in respect of the West Raglan Property is based on the independent report of Clement Dombrowski, P.Geo of IOS Services Geoscientifiques Inc. titled "NI 43-101 Technical Report on West Raglan Project, Northern Quebec, Canada" effective February 20, 2017

1. Source: Glencore Resources & Reserves Dec 31, 2021

Location in the Cape Smith Belt



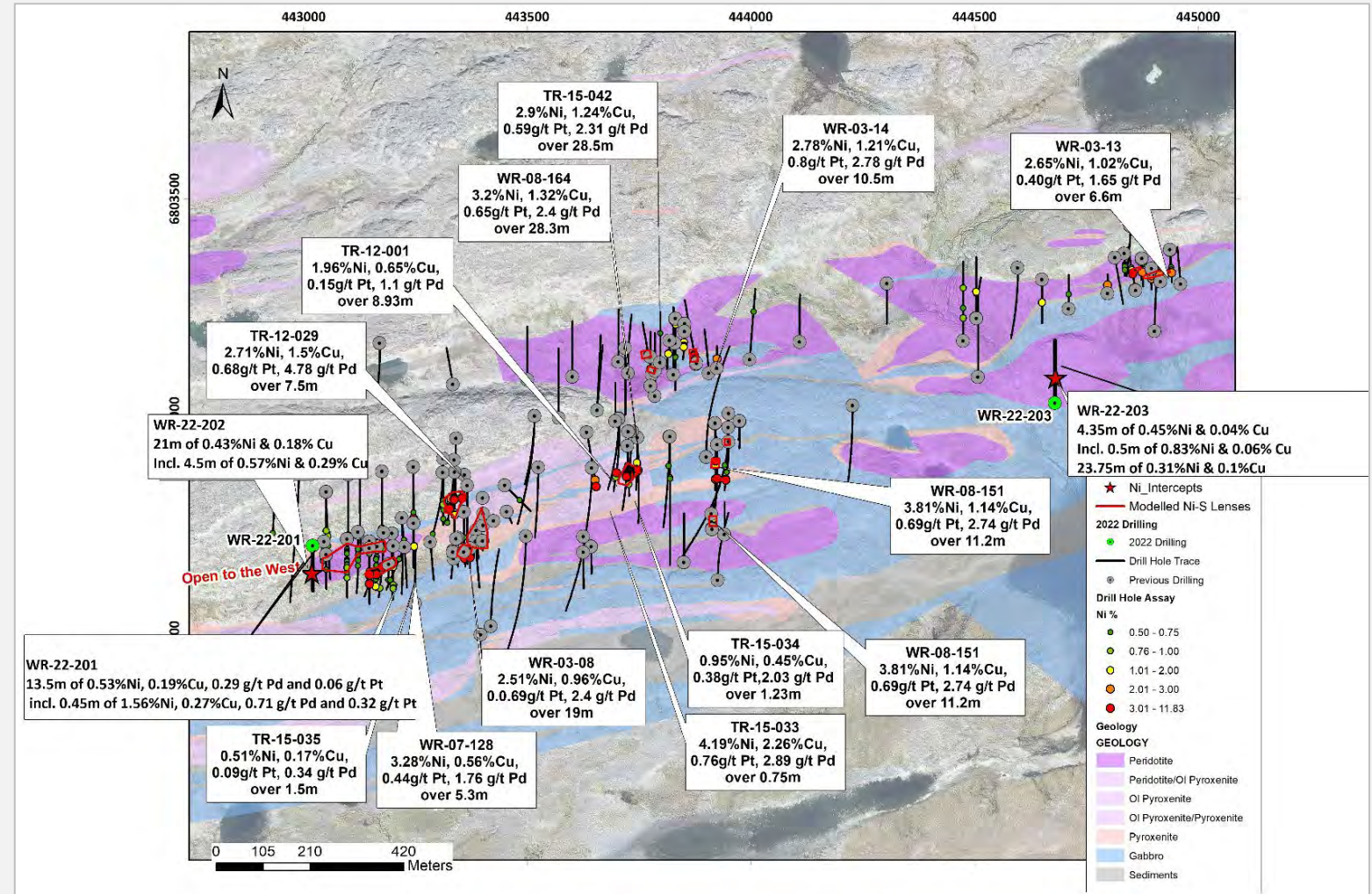
Ground views of West Raglan property



WEST RAGLAN NI/CU/PGM PROJECT

Frontier Zone - three holes drilled in 2022 program with Ni sulphide in all three

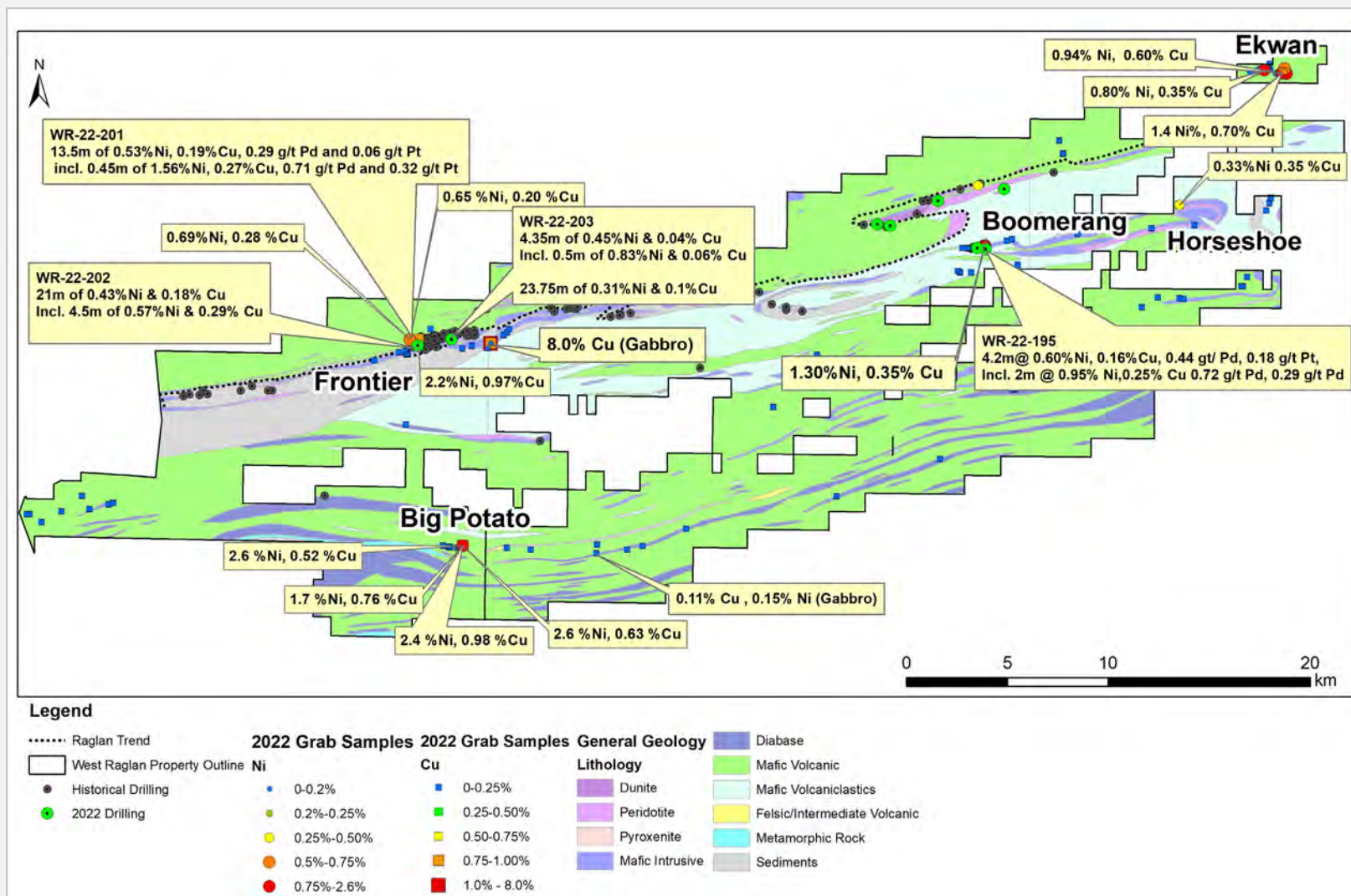
- Historically, the Frontier Area of West Raglan hosts the majority of the West Raglan Drilling
- Several Raglan Styles Nickel-Sulphide lenses have been discovered.
- Raglan-type grades and intercepts are shown on this map.
- In 2022 Drilled three extensional type targets on west and east sides with strong SQUID EM targets and hit nickel sulphides in all three.



Note that All drilling intervals are down-hole lengths. True thicknesses cannot be estimated with available information

WEST RAGLAN NI/CU/PGM – 2022 WORK

2022 Diamond Drilling program – 2,589 metres in 9 holes testing Squid EM targets

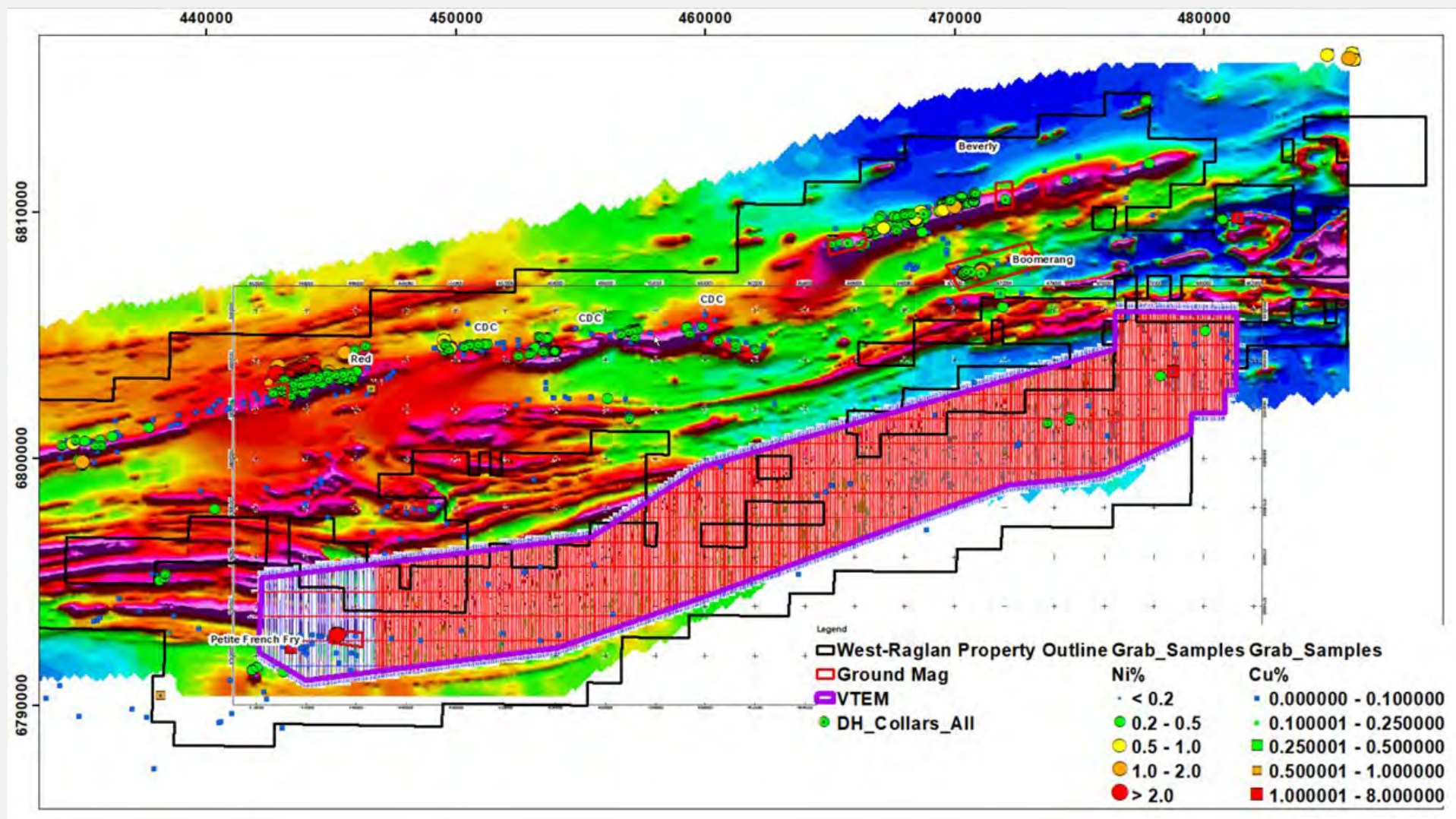


The 2023 program funded by Wyloo and operated by Orford is a target-building program and includes 1,981 line-km of airborne magnetic and EM surveying over the South Trend (also referred to as the Canadian Royalties Nunavik Nickel Mine trend).

Note that grab samples are selective by nature and values reported may not be representative of mineralized zones. Note that All drilling intervals are down-hole lengths. True thicknesses cannot be estimated with available information

WEST RAGLAN NI/CU/PGM – 2023 WORK

2023 Geophysical program completed



- VTEM airborne geophysics totalling 1,783.9 line-km were flown in 2023.
- Ground Magnetics geophysical surveys at Frontier, Boomerang, Beverly and Petite French Fry of about 120 line-km were completed in 2023.

Note that grab samples are selective by nature and values reported may not be representative of mineralized zones.



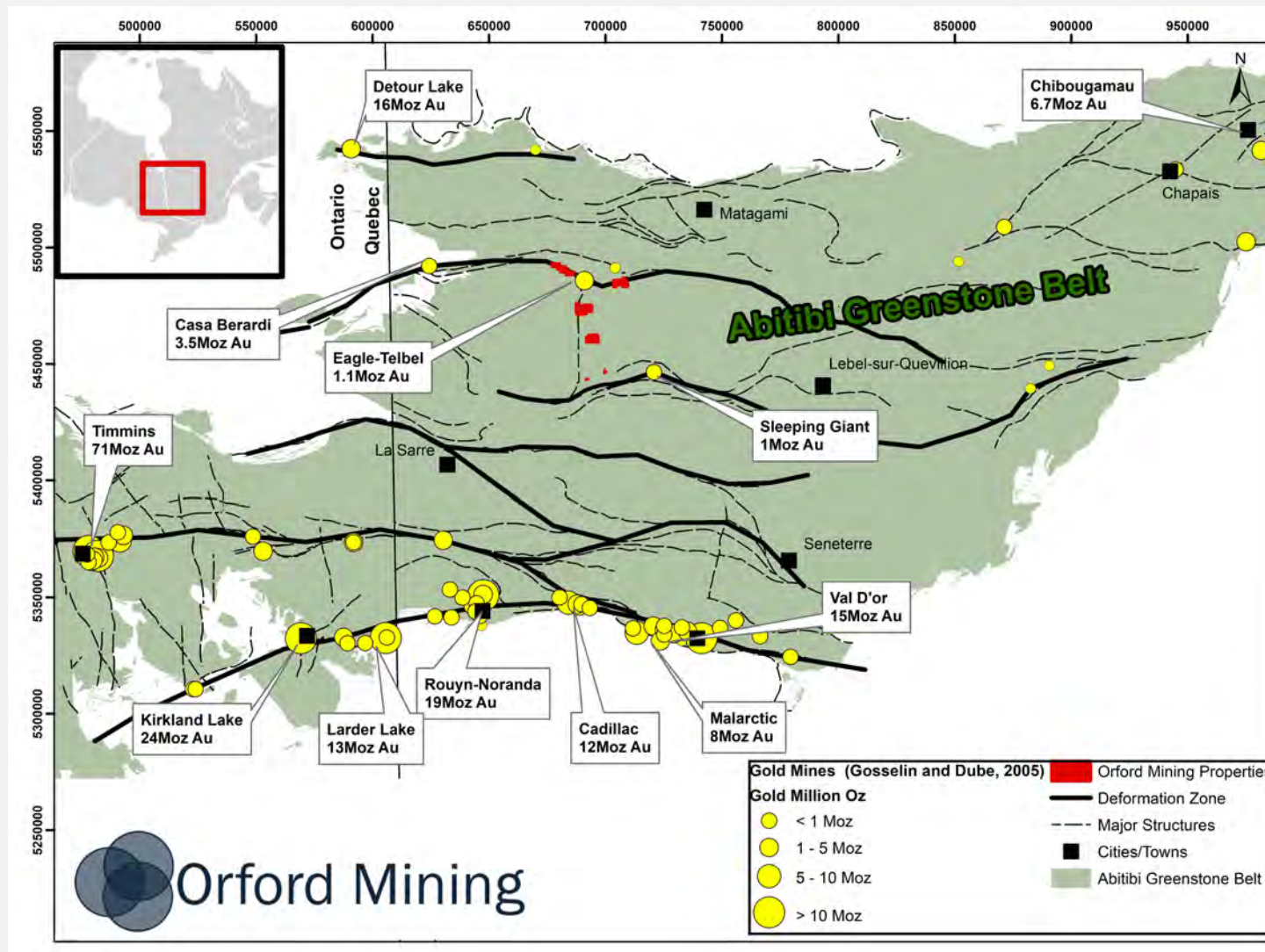
GOLD EXPLORATION IN THE ABITIBI

Joutel District Gold Projects



ORFORD HOLDS LARGE GOLD PROPERTY POSITION IN THE ABITIBI

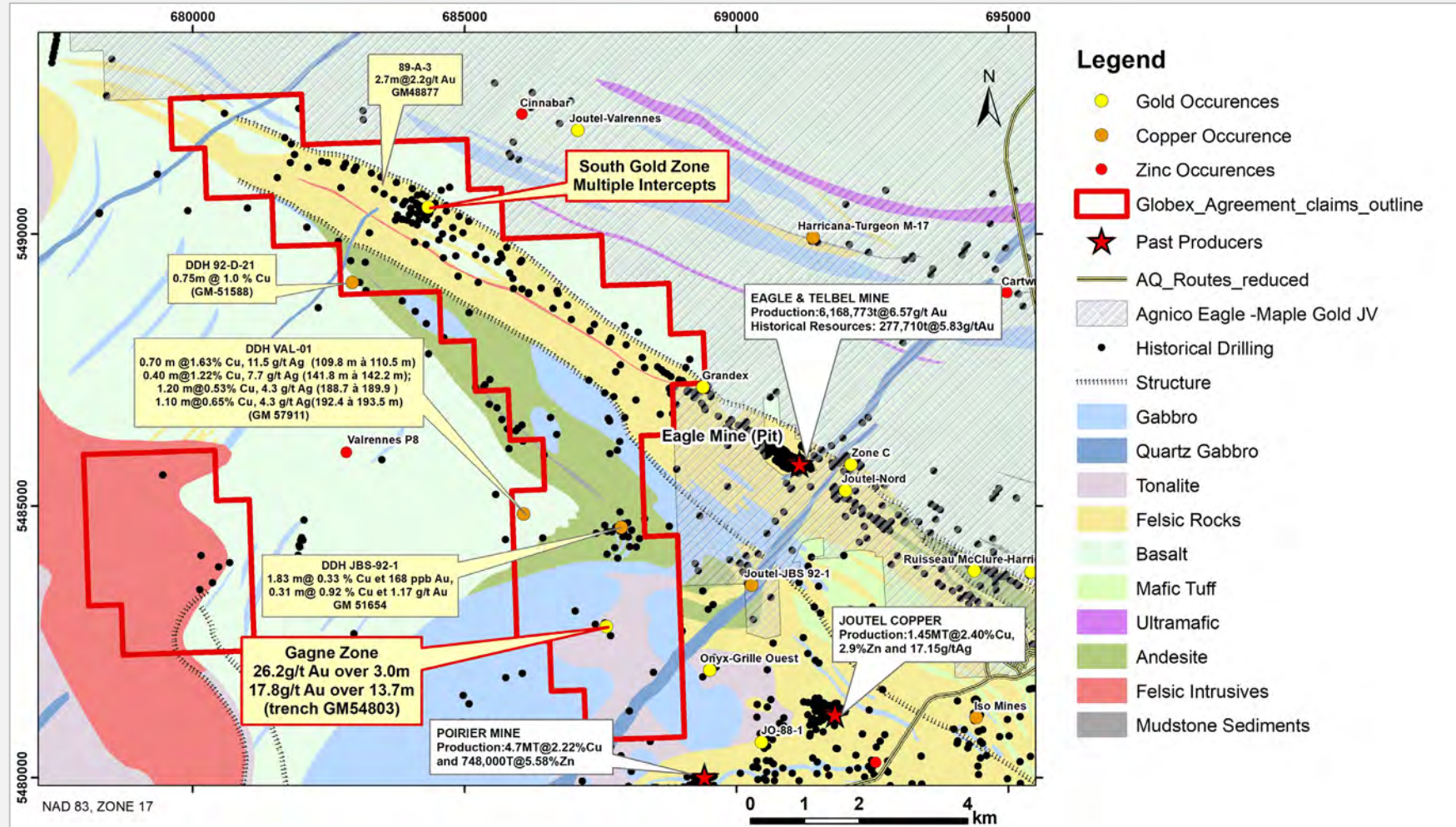
Four properties totalling 104 sq kms in the heart of the Abitibi – vastly under-explored



This information is not necessarily indicative of the mineralization on Orford Mining's properties

JOUTEL – EAGLE GOLD PROJECT

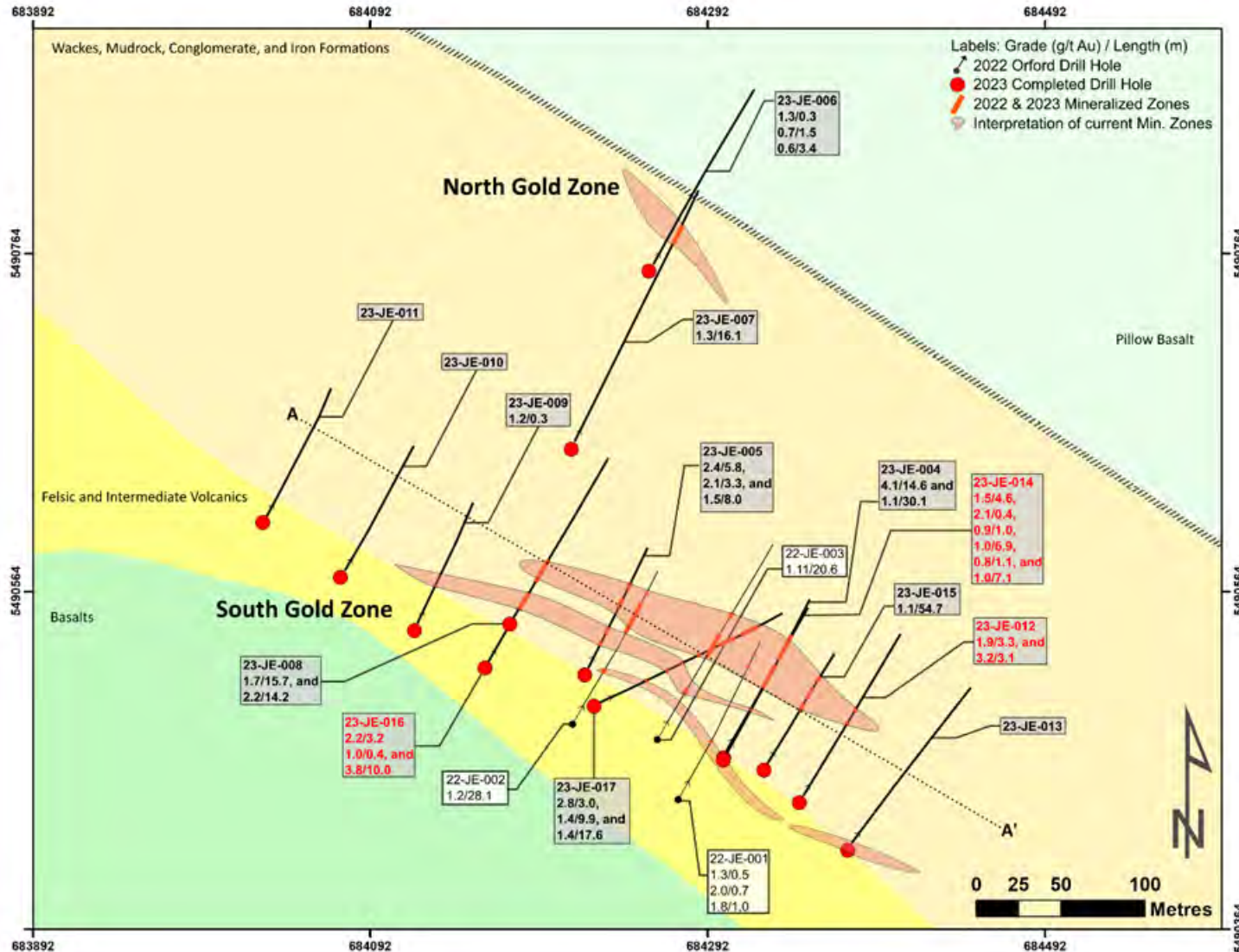
Advanced exploration property next door to past producers



Note that All drilling intervals are down-hole lengths. True thicknesses cannot be estimated with available information. Note that grab samples are selective by nature and values reported may not be representative of mineralized zones

JOUTEL EAGLE GOLD PROJECT - 2023 DRILLING

14 drillholes 2,535 metre program

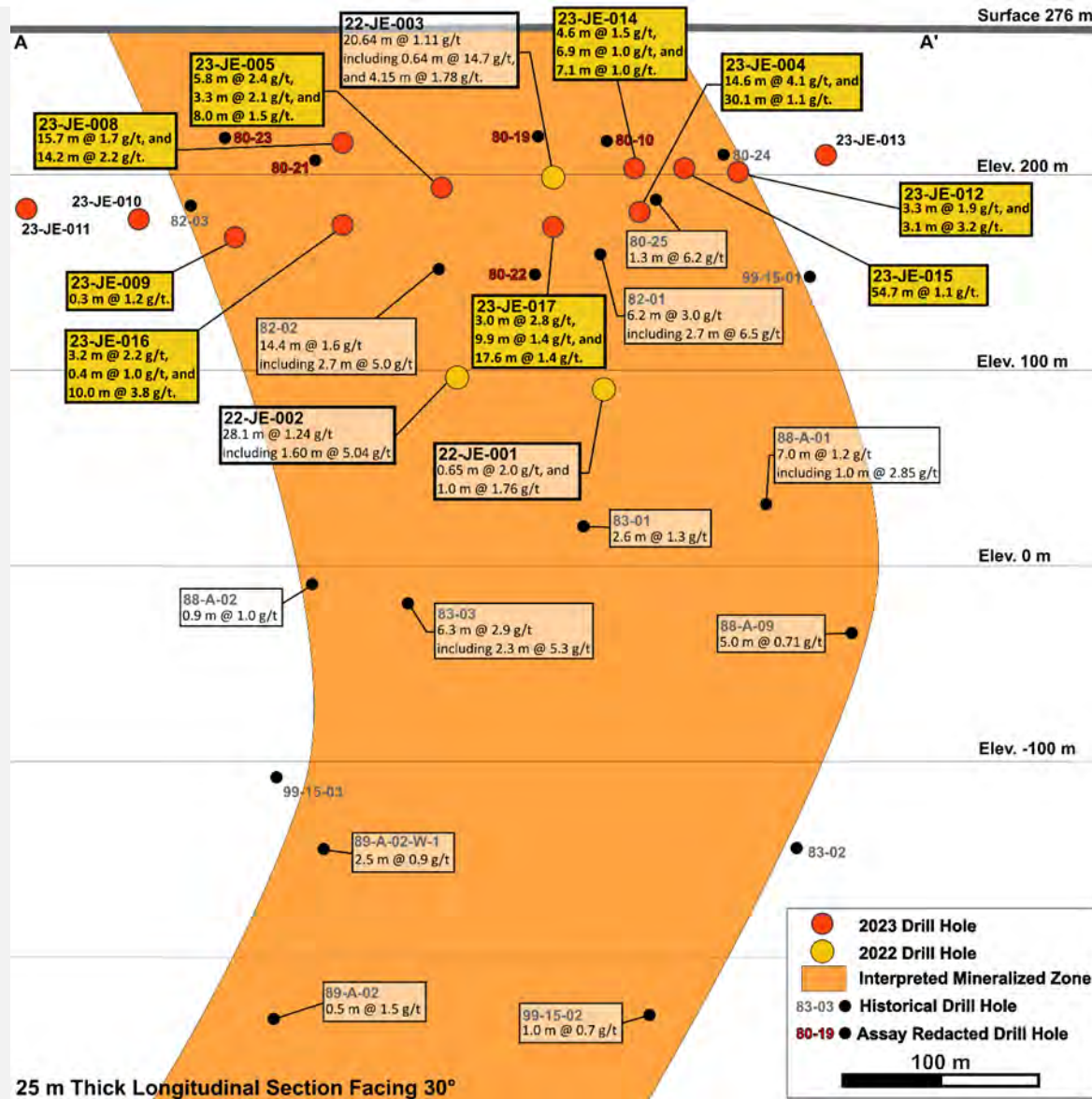


- **23-JE-004:** Grades of up to 28.7 g/t gold over 0.32 metres included in an interval of 4.1 g/t gold over 14.6 metres
- **23-JE-005:** Grades of up to 1.5 g/t over 8.3, or 2.4 g/t over 5.8 metres including 27.7 g/t over 0.4 m
- **23-JE-008** has reported two thick intersections of gold mineralization: 15.7 metres @ 1.7g/t Au (21.7 to 35.1 metres) and 14.2 metres @ 2.2g/t Au (61.9 to 70.1 metres) which is approximately 200 metres to the north west of hole **23-JE-015** which reported 54 metres @1.1 g/t including higher grade intervals of up to 9.1g/t Au over 0.4 metres.
- **Hole 23-JE-017** intersected multiple thick gold zones such as 1.4 g/t gold over 9.9 metres including 5.0 g/t over 2.3 metres, 1.4 g/t over 17.6 metres including 5.0 g/t over 2.5 metres and 0.80 g/t over 21.3 metres
- **Hole 23-JE-016** intersected 3.8 g/t Au over 10.0 m from 108.0 m to 118.0.
- **New North Gold Zone:** Hole **23-JE-007** has reported 1.3 g/t Au over 16.1 metres from 201.0 metres including higher grade intervals of up to 4.5g/t Au over 1.1 m, in a previously untested area of the Joutel Eagle Property

Note: The historical assays referred to in this release and shown in this figure were obtained from historical work reports filed with the Quebec Ministry of Energy and Natural Resources and has not been independently verified by a Qualified Person as defined by NI 43-101. True thicknesses cannot be estimated with available information. Composited intervals are reported at a cut-off of 0.5g/t Au.

JOUTEL EAGLE GOLD PROJECT

Long Section showing 2022 and 2023 results along with historic results from 1980's and 1990's



Results from assays have confirmed, extended, and better defined a series of thick, near-surface mineralized zones ("South Gold Zone") within 150 metres of surface including:

- Gold mineralization intersected in the top 40 metres in hole 23-JE-008 which reported **1.7g/t Au over 15.7m** from 21.65 to 37.35 m, including **5.8g/t Au over 4.1m** (Table 1).
- 23-JE-004 that reported **4.1g/t Au over 14.6m** from 100.30 to 114.90m including higher grade intervals.
- 23-JE-16 reported **3.8 g/t Au over 10.0 m** from 108.0 m to 118.0m.

Note: The historical assays referred to in this release and shown in this figure were obtained from historical work reports filed with the Quebec Ministry of Energy and Natural Resources and has not been independently verified by a Qualified Person as defined by NI 43- 101. True thicknesses cannot be estimated with available information. Composited intervals are reported at a cut-off of 0.5g/t Au.

ORFORD MINING

Local Community Involvement

Fostering strong relationships with government, local communities and First Nations Groups



Open dialog with local communities in Nunavik & Abitibi

Representatives of Salluit, Akulivik and Kativik Regional Gov. (KRG) have visited Camp Chukotat and the West Raglan & Qiqavik Properties

Previous to 2021 (on hold due to COVID restrictions): Working with Salluit & Akulivik Landholding Corporations to hire local workforce during summer exploration programs in Nunavik. Inuit hiring and training in each exploration program.

In 2022, 19% or \$1.6 million of exploration expenditures were with Nunavik Inuit Enterprises

Identifying and notifying communities and Avataq of archeological sites

Provided in-kind support to KRG for abandoned mineral exploration site rehabilitation in Nunavik

Work with the Coopérative de Solidarité de Pikogan on contracts for the Joutel Area Work

6% of 2021 exploration expenditures for the McClure East and Joutel South properties in the Joutel Area were with the Coopérative de Solidarité de Pikogan



ORFORD MINING

Reasons to Invest

Orford Mining offers the largest land exposure in the Cape Smith Belt of Nunavik Quebec. A new gold district with the Qiqavik property, Nickel Sulphide project with Wyloo Metals as its partner at West Raglan, first mover advantage on very large property position staked for lithium in Nunavik and a gold property at Joutel Eagle in the Abitibi which is moving towards a resource.

New Gold District at Qiqavik - Underexplored

Joutel Gold Potential in the Prolific Abitibi and ignored for over 30 years.

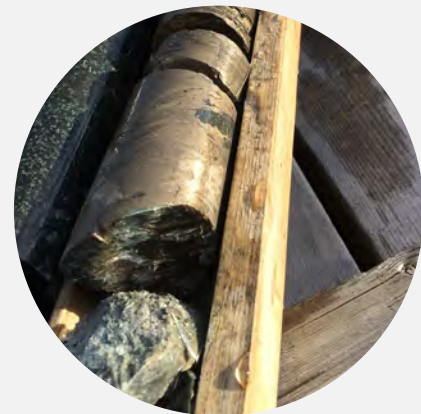
Large new land tenure covering very strong Lithium targets in Nunavik

Strong Financial and Technical Partner on West Raglan Nickel Project

Safe, proven mining jurisdiction

First mover advantage on new gold district in and new Lithium District in Nunavik

Significant exploration success at its Qiqavik and Joutel Gold projects, West Raglan Nickel project and Nunavik Lithium Projects in 2023.





TSXV: **ORM**
OTC: **ORMFF**

THANK YOU



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