



# Orford Mining

Corporate Presentation



TSXV: ORM  
September 8, 2021

# 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.

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 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. Factors that could affect the outcome include, among others: 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.sedar.com](http://www.sedar.com).

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.

The TSXV has neither approved nor disapproved the contents of this presentation.

## 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 work program at Qiqavik was supervised by Alger St-Jean, P.Geo, Chief Geoscientist who is responsible for all aspects of the work, including the quality control/quality assurance program. On-site personnel at the project log and weigh all samples prior to sealing and shipping. Sample shipments are sealed and shipped to Techni-Lab, Sainte-Germaine-Boulé, Québec. All gold assays reported were obtained by either 350-g screen fire assay or standard 50-gram fire-assaying-AA finish or gravimetric finish (method 1A2-5 and 1A3-50) at. The 350-g screen assay method is selected by the site geologist or the lab when samples contain coarse gold or higher percentage of sulfide mineralization that may be associated with gold relative to surrounding intervals. All samples are also analyzed for multi-elements, including copper and silver, using a four-acid method with an ICP-EOS and ICP-MS finish at Tech-labs affiliated Actlabs in Ancaster, Ontario. Overlimits were analyzed by peroxide fusion with ICP-EOS finish. 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 of 10% and 5% for core and 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.

Techni-Lab Laboratory, is a subsidiary of Act Labs, is accredited (n. 707) by the Standards Council of Canada and found to comply with the requirements of ISO/IEC 17025:2005 (CAN-P-4E) and CAN-P-1579.

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.



# Orford Mining Corp. – Key Investment Points

Exploring two key volcanic belts on five 100% owned active properties – about \$6 million in Exploration Expenditures in 2021



## Strong Balance Sheet/ Strategic Investor Support

- Completed two private placements in past year C\$1.92 million on August 12, 2021, and a \$5.25 million on Oct. 16, 2020
- Alamos Gold is a supportive 23% shareholder and has been a strategic investor since 2019.
- Widely-held ownership with several strategic shareholders and strong institutional and retail ownership

## Qiqavik Project (100%): discovery of new gold district

- Property covers 390 km<sup>2</sup> of the highly prospective and underexplored Cape Smith Belt
- Identified a 40-km long Qiqavik Break Shear Zone with 12 gold mineralized areas, which remain largely unexplored
- The 2021 program of \$3.8 million will focus on the 7 km + long IP Lake Structural Zone where high
- -grade boulder trains and Glacial till dispersion trains point to the IPLSZ as a potential source for those dispersion trains

## Acquired three new Gold Properties (100%), in the Joutel Region of the prolific Quebec

- Three new properties acquired in 2021 the Joutel district of the Abitibi Region of Quebec.
- All are situated on key regional structures including the Joutel Volcanic Sequence structure or the southern splay of the Casa Berardi Structural Zone. The properties have seen very little exploration but are proximal to a number of past producers. The three properties total 209 km<sup>2</sup> in the Abitibi region of Quebec.
- A Program of till pit sampling, RC drilling and airborne geophysics was completed on McClure East and Joutel South.

## West Raglan (100%): high grade Ni-Cu-PGE Wyloo Metals Earn-In

- Wyloo Metals Entered a Earn-in agreement whereby expenditures of \$25 million can earn Wyloo 80% .
- Advanced stage Ni-Cu-PGE exploration project covering nearly 814 km<sup>2</sup> in the Cape Smith Belt
- Frontier Zone: similar geology to Glencore's Raglan Mine (MI&I: 35Mt at 3.2% Ni, 0.93% Cu and 3.2 g/t PGE<sup>1</sup>) with high-grade (2-3% Ni, 3+ g/t PGE) mineralized lens clusters over a 2,500 m strike
- \$1.7 million budget approved for 2021 field season consisting of geophysics, geological mapping and prospecting.

# Management & Board of Directors

## High Quality Exploration Team and Capital Markets-Focused Board

### David Christie *President, CEO, and Director*

- Professional Geologist 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 18 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 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 with +14 years of experience in mineral exploration and development
- Previously Senior Project Geologist with RNC Minerals (Karora Resources), and Senior Geologist of Orford Mining

### 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

### 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.

### Peter MacPhail *Lead Director*

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

### Ben Pullinger *Director*

- Professional Geologist with over 15 years of exploration and mining experience
- Current Senior Vice President of Geology for 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. Monique was previously with Fogler, Rubinoff LLP, a full service law firm in in Toronto where she practiced for 22 years in the business law department.
- Chair of the Board of the Dancer Transition Resource Centre.
- Monique 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.



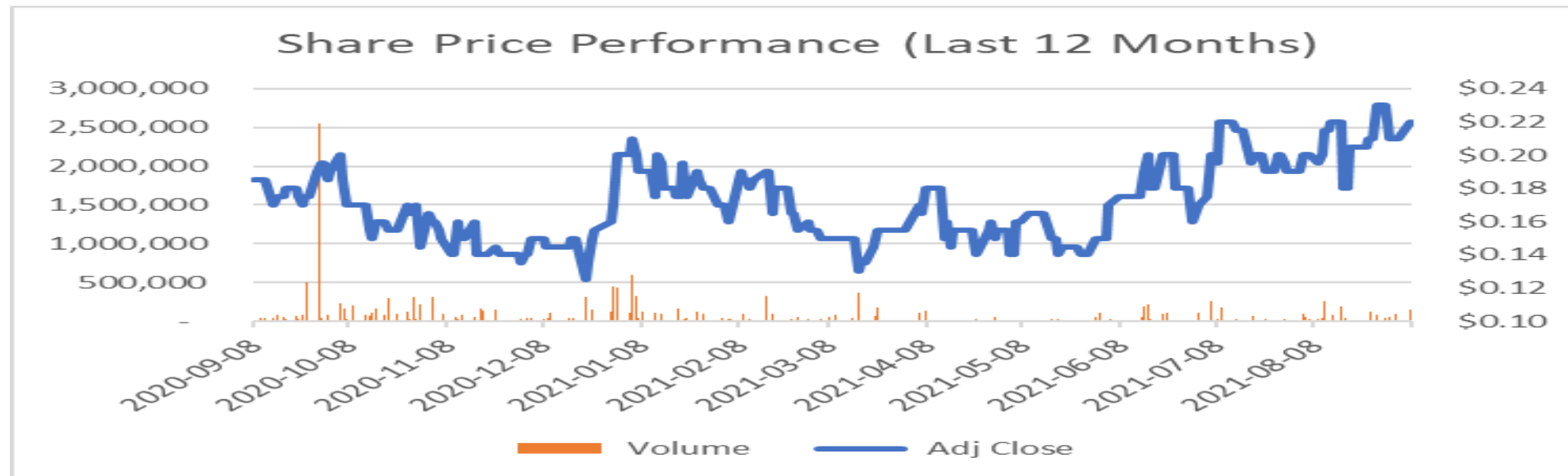
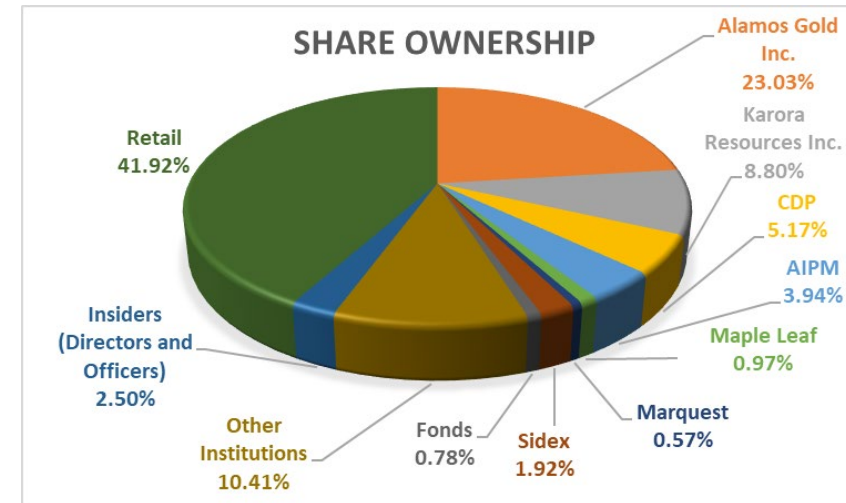
# Corporate Snapshot

## Capital Structure and Share Performance

### Capital Structure

Ticker	TSXV:ORM
Share Price (as of September 7, 2021)	C\$0.22
Basic Shares Outstanding <sup>1</sup>	127.83M
Options (weighted avg. strike of C\$0.18)	9.98M
Warrants	16.74M
Fully Diluted Shares Outstanding	154.4M
Market Capitalization (Basic)	C\$28.12M
Cash <sup>1</sup>	C\$3.47M

1. June 30, 2021, however on August 12, the company closed a \$1.92 million private placement.
2. Shareholders made up of 42% Retail, 2.5% Insiders (Directors and Officers), 24% Institutional, 31.9% strategic holders.

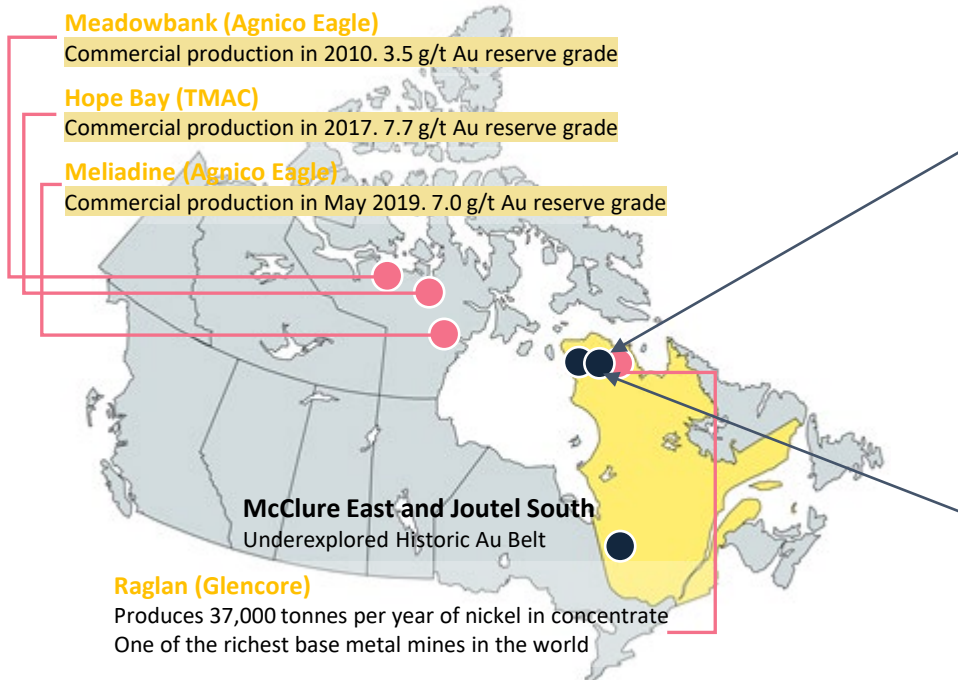


Source: Yahoo Finance

# Project Portfolio –Large Regional Properties

2021 Will be the Biggest Year of Exploration Expenditures in our History

Over 1,204 km<sup>2</sup> land position in the highly prospective and underexplored Cape Smith Belt and 209 km<sup>2</sup> in the heart of the Quebec Abitibi  
Quebec is consistently viewed as one of the most attractive jurisdictions from a mining investment point of view



## Qiqavik Project (Au)(100%)

- Camp Scale Property with more than 12 high grade gold showings at surface in an previously unexplored part of the Cape Smith Belt
- New Potential Gold Camp with Opportunity to host multiple deposits
- Early Stage Exploration- Less than 5 months of field work

## West Raglan Project (Ni, Cu, PGE's)(100% Interest)

- Wyloo Metals Pty Ltd. has entered an earn in agreement with Orford to earn up to a 80% interest by spending \$25 million amongst other items.
- ~814 km<sup>2</sup> property in the lower Cape Smit Belt Covering the stratigraphy of the North (Raglan Trend) and South (Nunavik Nickel) ultramafic Trends
- Advanced Exploration: Traced outcropping sulphide mineralization over +35 km strike
- 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)

## 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,.
- Properties are the underexplored extension of the Joutel trend that hosted both Agnico-Eagle Mines Ltd.'s (AEM-T) founding gold mine Eagle/Telbel which produced in excess of 1.1Moz of gold and a number of copper assets that have produced 244 Mlbs of copper, 116Mlbs of Zinc and 52Mlbs of silver<sup>1</sup>

## Royalties

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

1. (Système d'information géomineière of Québec "SIGEOM", Quebec Ministry of Energy and Natural Resources. April 20,2020)

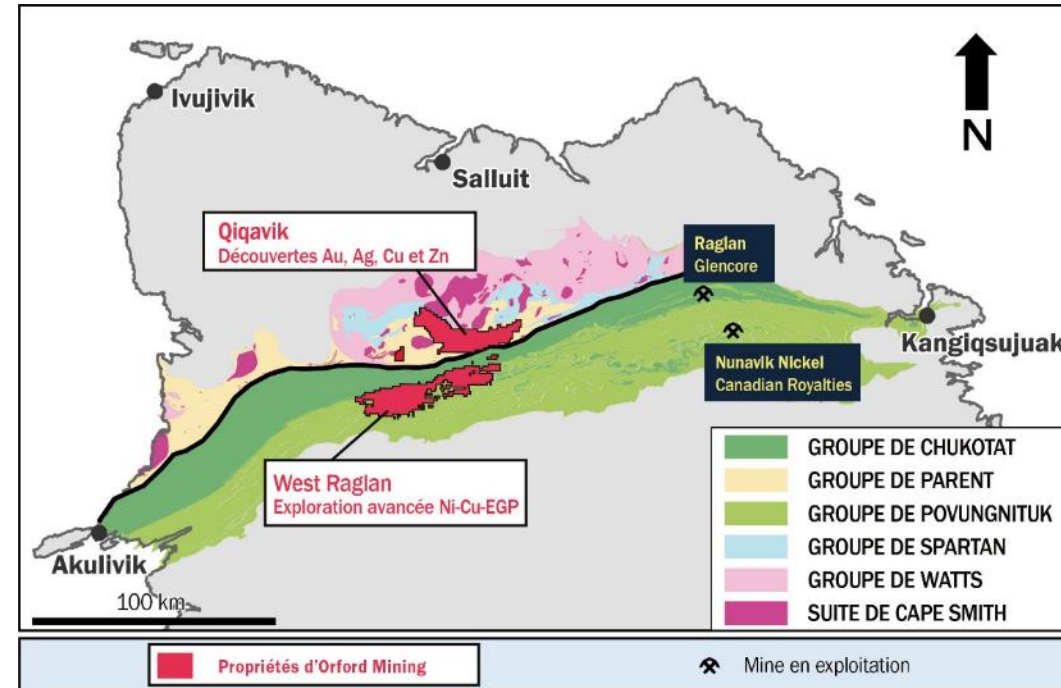


# Qiqavik Project

Large, Highly Prospective Land Package in an Underexplored Emerging Gold District

**40-km long Qiqavik Break Shear Zone remains largely unexplored with potential for multiple large gold deposits**

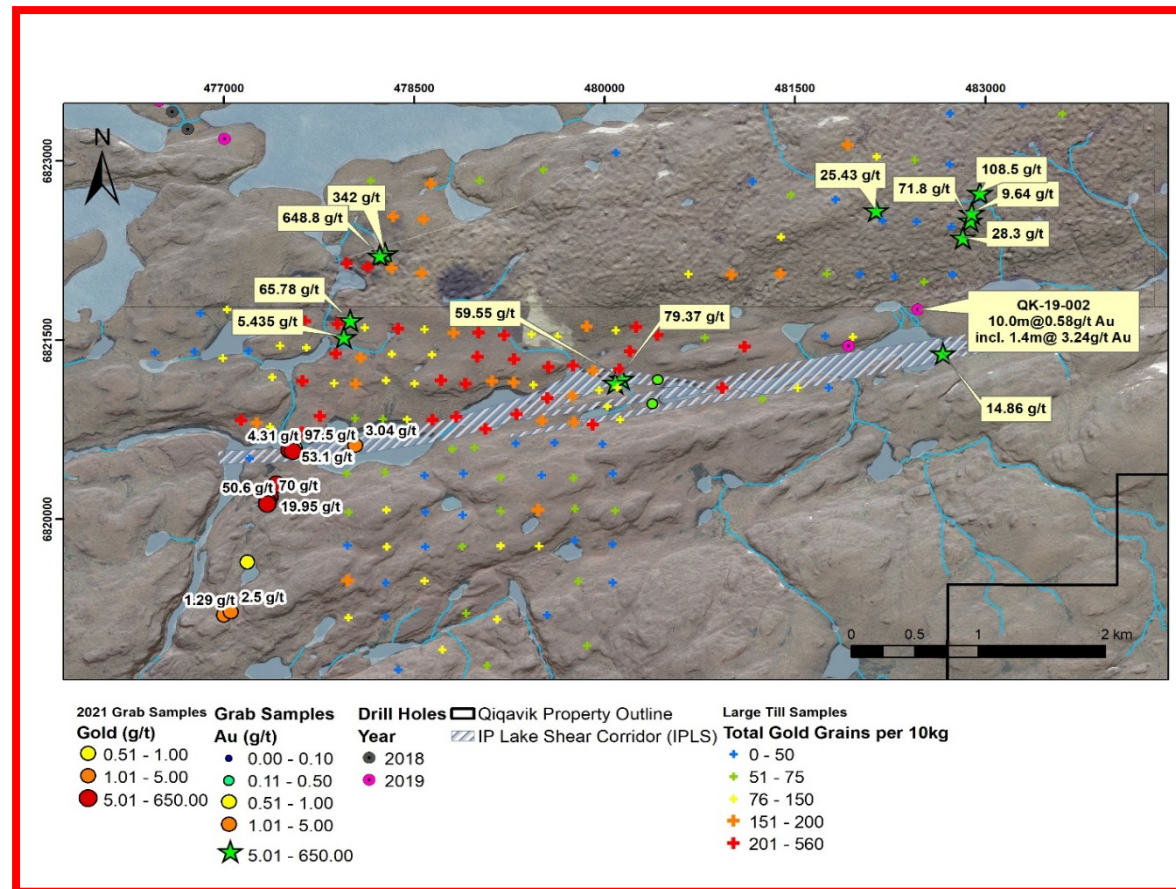
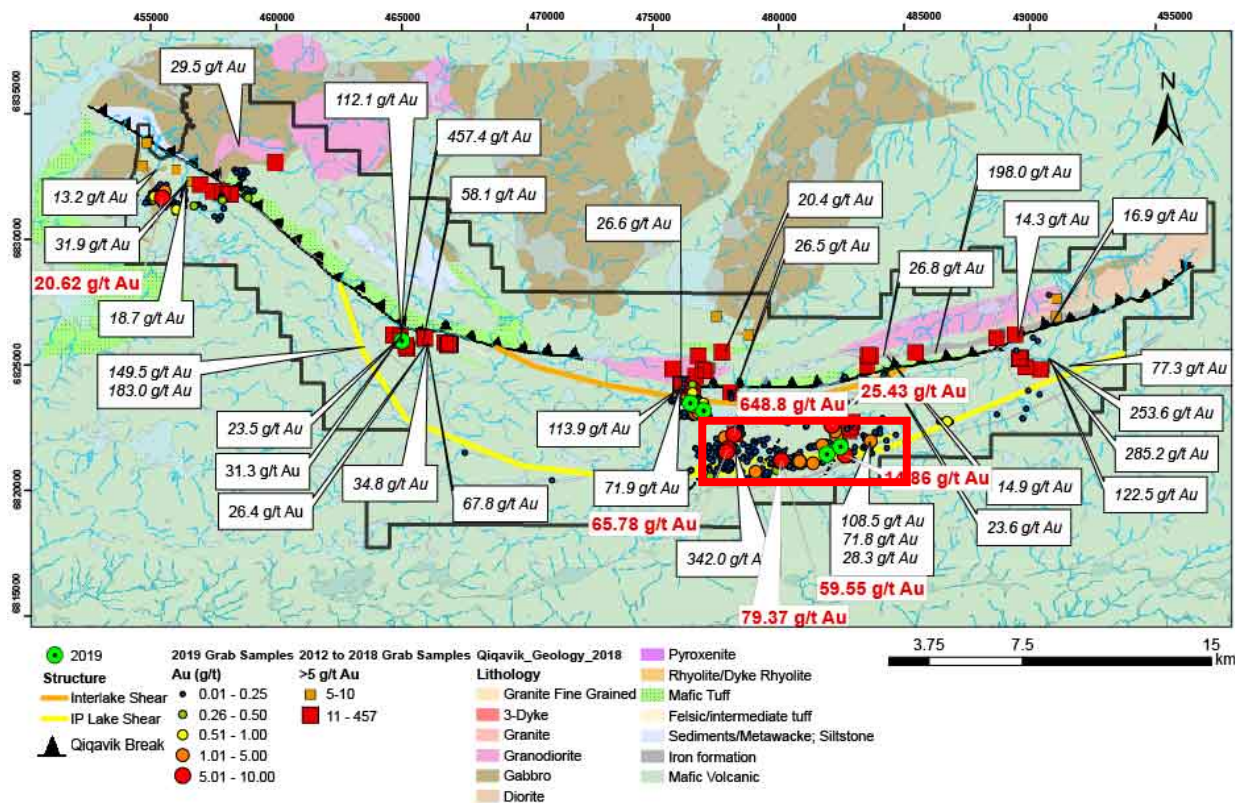
- 100% interest in ~390 km<sup>2</sup> of highly prospective gold properties in northern Quebec
- ~60 km from Glencore's world-class Raglan Mine
- The parallel ultramafic "Raglan Belt" has yielded world-class nickel deposits, but the northern volcano-sedimentary portion of the Belt remains virtually unexplored
- Property covers the 40 km long Qiqavik Break Shear Zone and part of the Cape Smith Belt
- Gold districts with similar tectonic and age setting to the Cape Smith Belt include<sup>1</sup>:
  - Flin Flon/Snow Lake, Canada
  - Ashanti Belt, West Africa
  - Tanami Goldfields, West Australia
  - Tapajos-Parima Belt, Brazil
- 12 significant mineralized areas discovered
  - Includes Interlake, Esperance, Esperance West, Horizon, Aurora, Aurora West, Gerfaut, Gerfaut South, ABG Zone, Focused Intrusive and Central Qiqavik, IP Lake Shear Corridor



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

# Qiqavik Gold Project

High grade gold surface showings are prolific across the +40 km long property

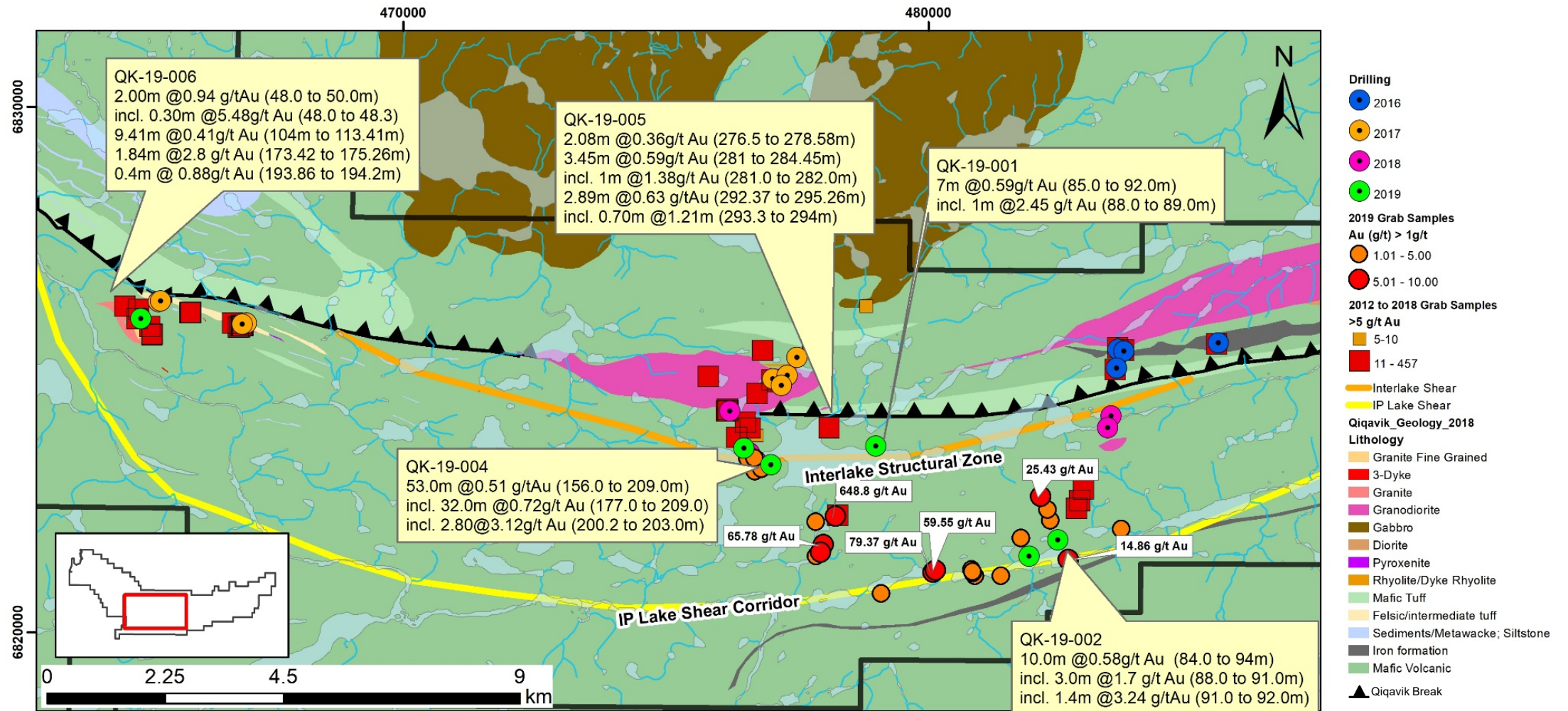


Note that grab samples are selective by nature and values reported may not be representative of mineralized zones



# Qiqavik - 2019 Drilling Summary

Gold in all 2019 Drill holes

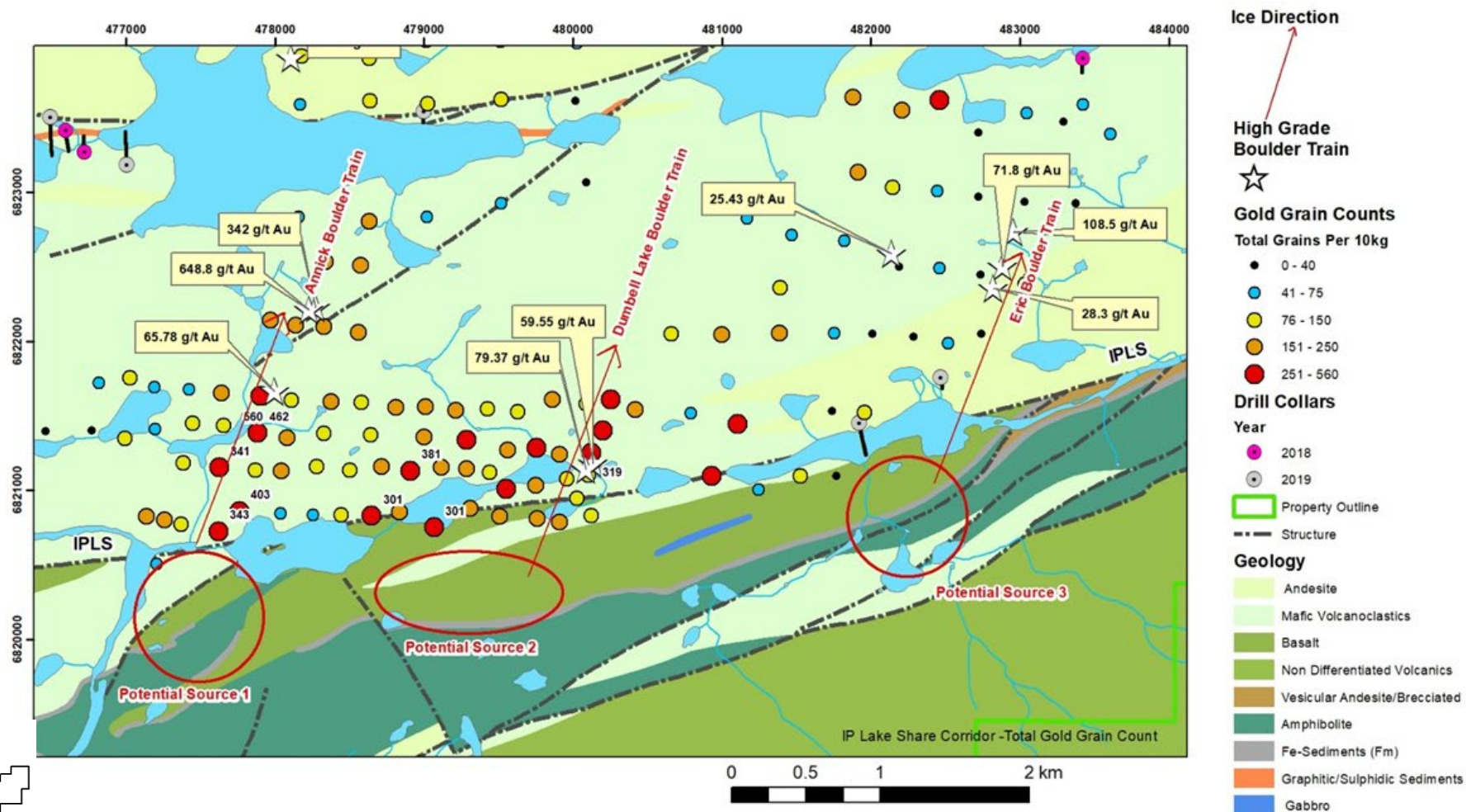


Note that grab samples are selective by nature and values reported may not be representative of mineralized zones

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

# Qiqavik – IP Lake Shear Corridor (IPLS)

## Total Gold Grain Counts and High Grade Boulder Trains

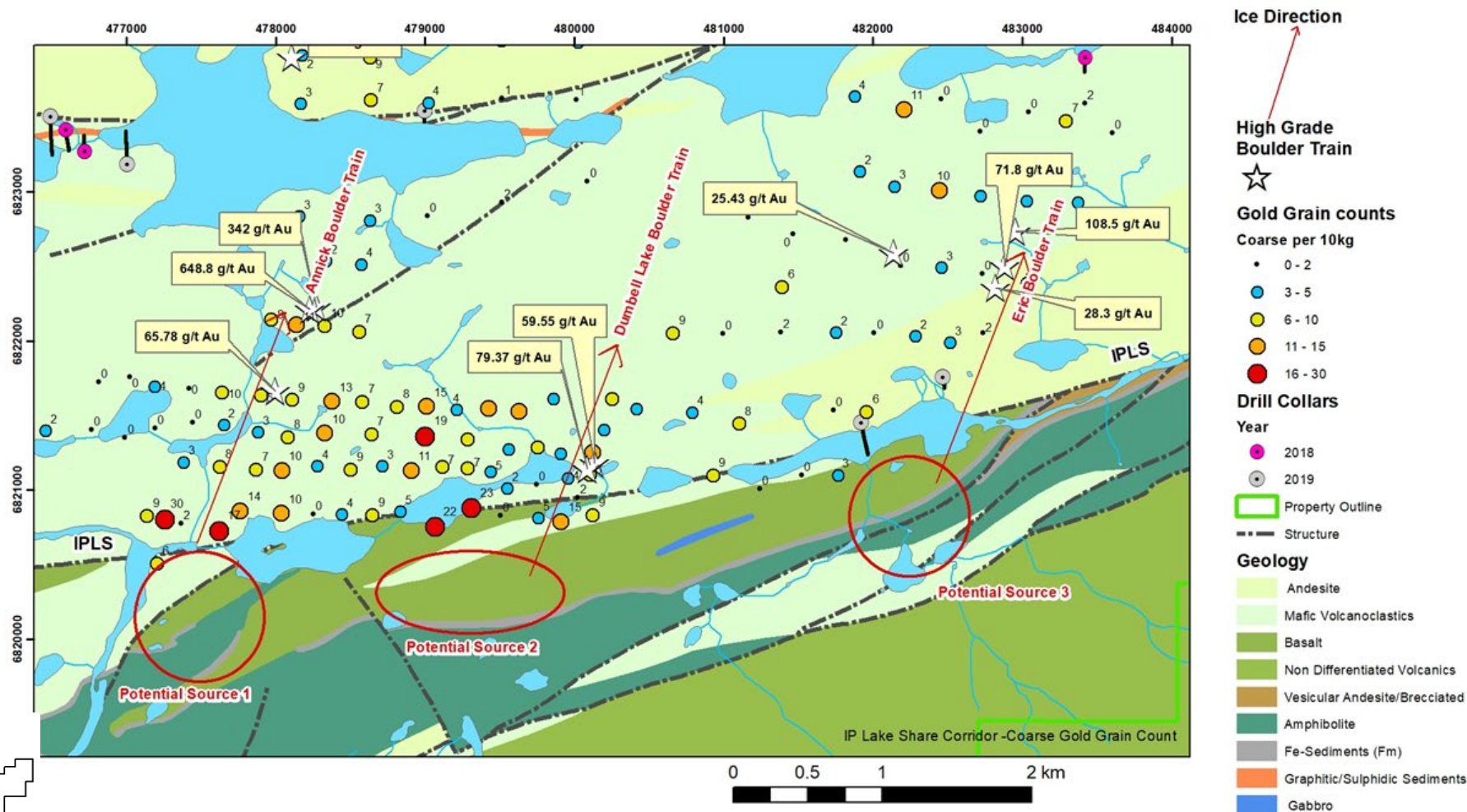


Note that grab samples are selective by nature and values reported may not be representative of mineralized zones



# Qiqavik – IP Lake Shear Corridor (IPLS)

## Coarse Gold Grain Counts and High Grade Boulder trains

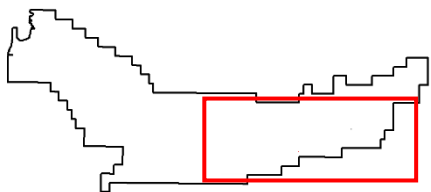
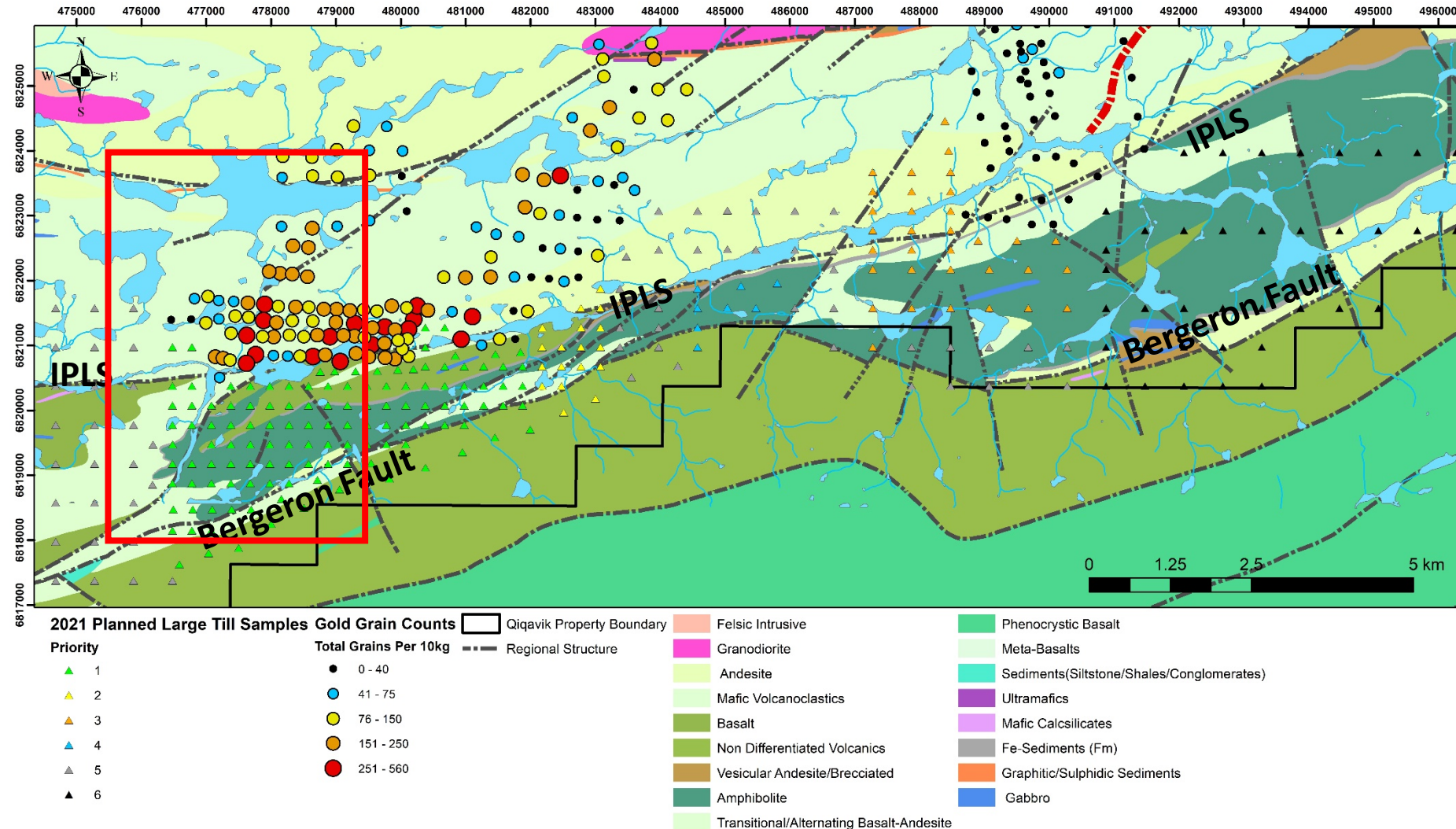


Note that grab samples are selective by nature and values reported may not be representative of mineralized zones

# Qiqavik 2021 Work Program

## Geology and Geochemistry

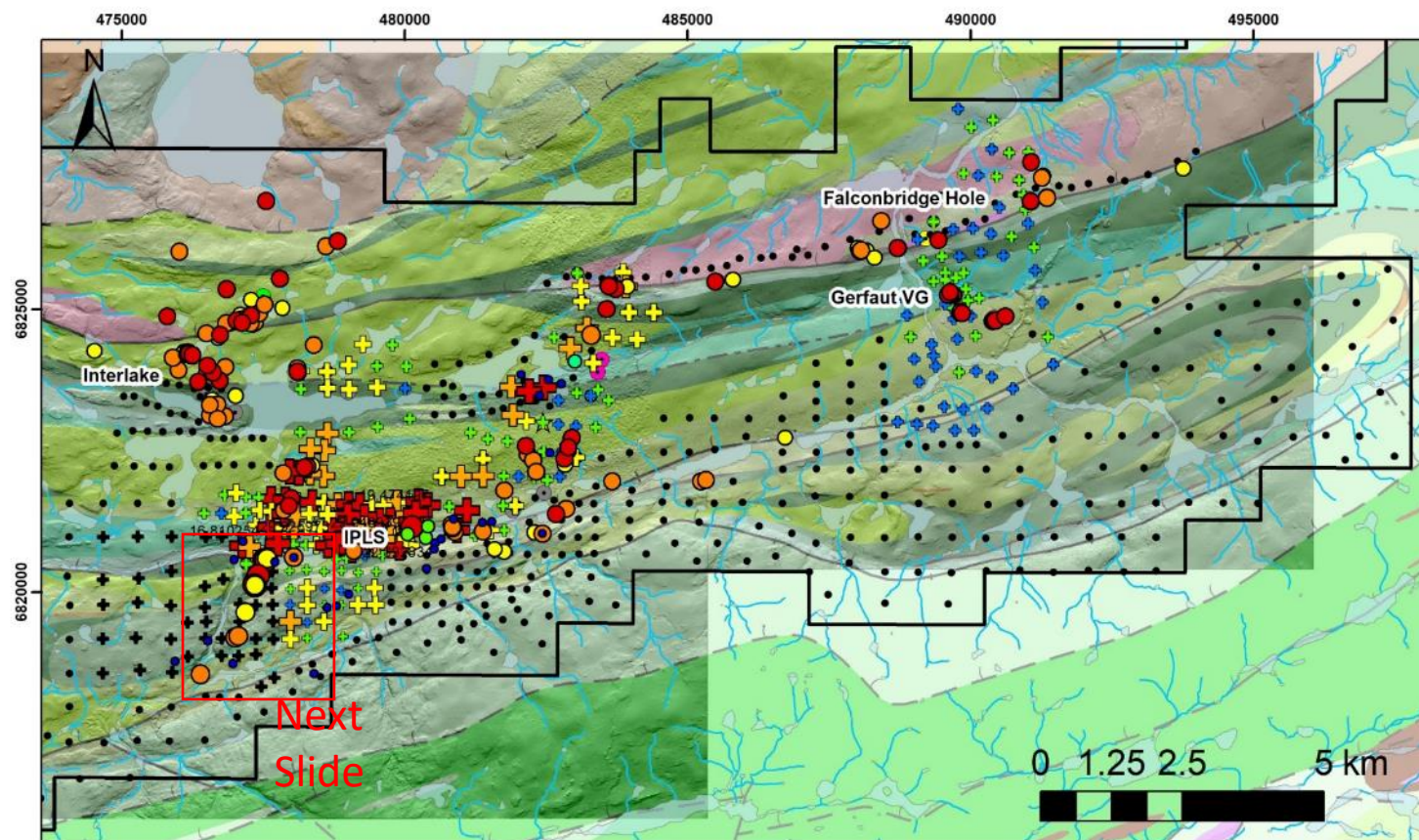
- Focus on infilling large till anomaly south of the IPLS down to the Bergeron fault (Late June) and key areas to the West and East (492 collected to date, another 2000 planned the last week)
- 3 weeks prospecting and mapping starting early July, focused on the IPLS and south towards the Bergeron Fault
- Geophysics on new targets or potential source of the IPLS boulder trains
- 2000m Drilling on IPLS Targets
- 15 day program extension into Sept (increasing drilling from 1,500 m to 2,000 m)





# Qiqavik – IP Lake Shear Corridor (IPLS)

Large Tills Collected 2021 – Future Targeting and Ground Exploration



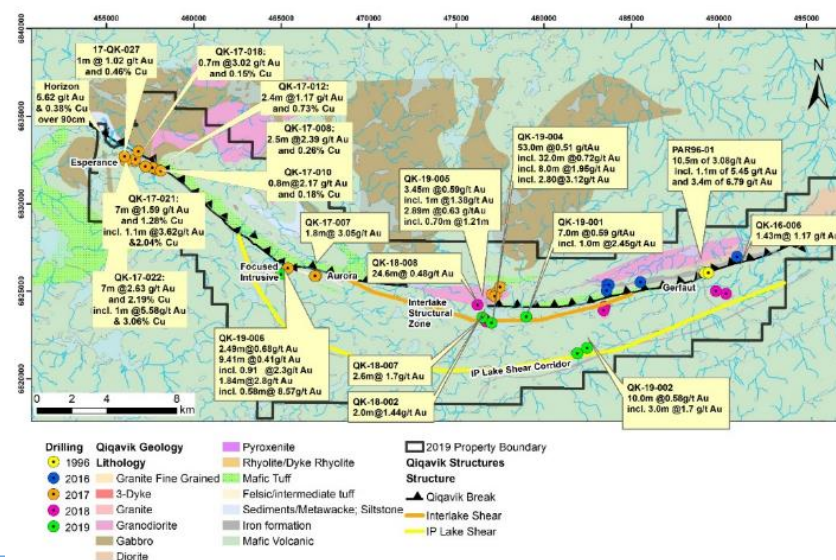
7kg Till	Grab Samples	Large Till (IOS)	DH_Collars_All
Qiqavik_Property_Outline	Au (g/t)	Total Au Grains 10kg	Year
Qiqavik_Property_Outline	0.00 - 0.10	0 - 25	1996
Large Till Data (CFM -Coarse Grains-None)	0.11 - 0.50	26 - 75	2016
+ Large Till Data (CFM -Coarse Grains-None)	0.51 - 1.00	76 - 150	2017
	1.01 - 5.00	151 - 200	2018
	5.01 - 650.00	201 - 560	2019

## Main drill targeting methodology

700 Large Tills Collected to Date in strategic places on the center to eastern part of the property where frost boils

Airborne magnetics and EM survey flown (1,413 line kms)

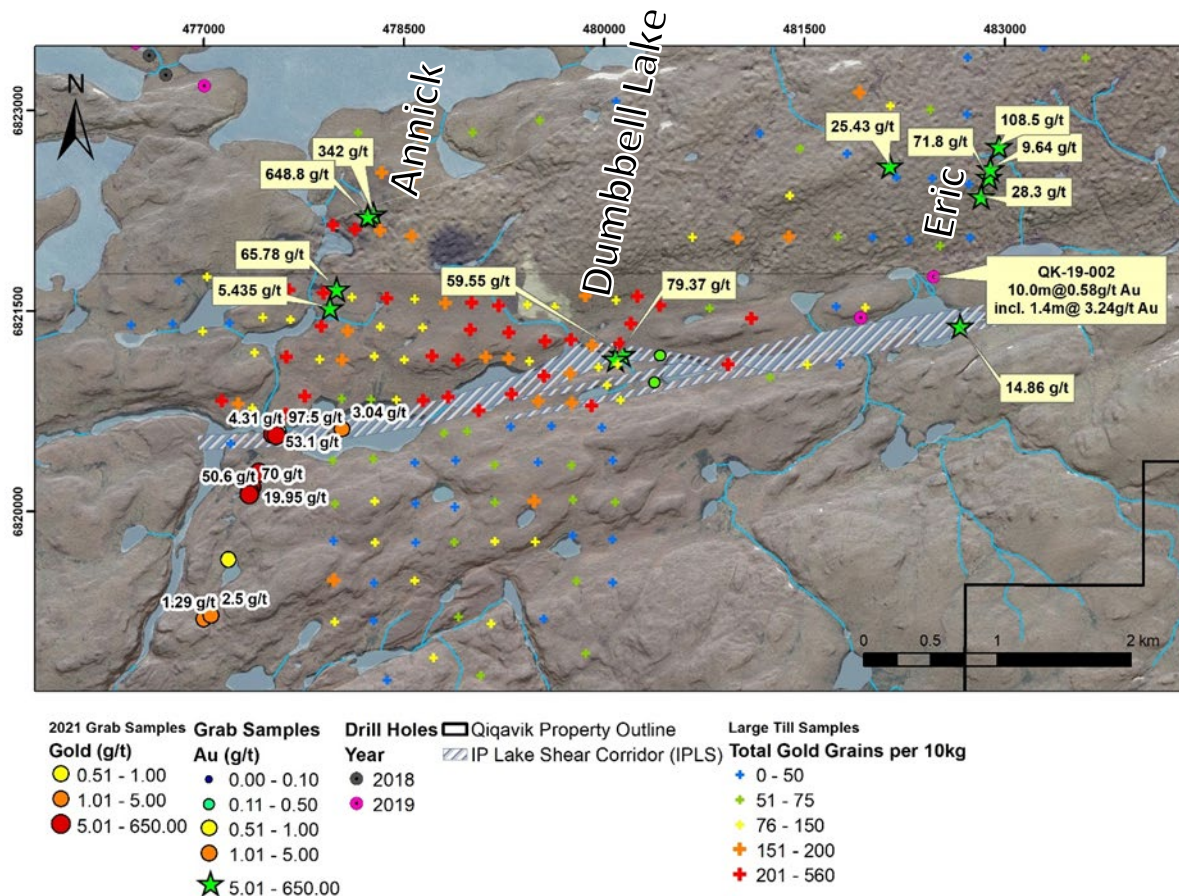
Geological Mapping and prospecting





# Qiqavik – IP Lake Shear Corridor (IPLS)

2021 Large Till Results Around the IPLS – **Cut off Located - a huge success of the 2021 program**



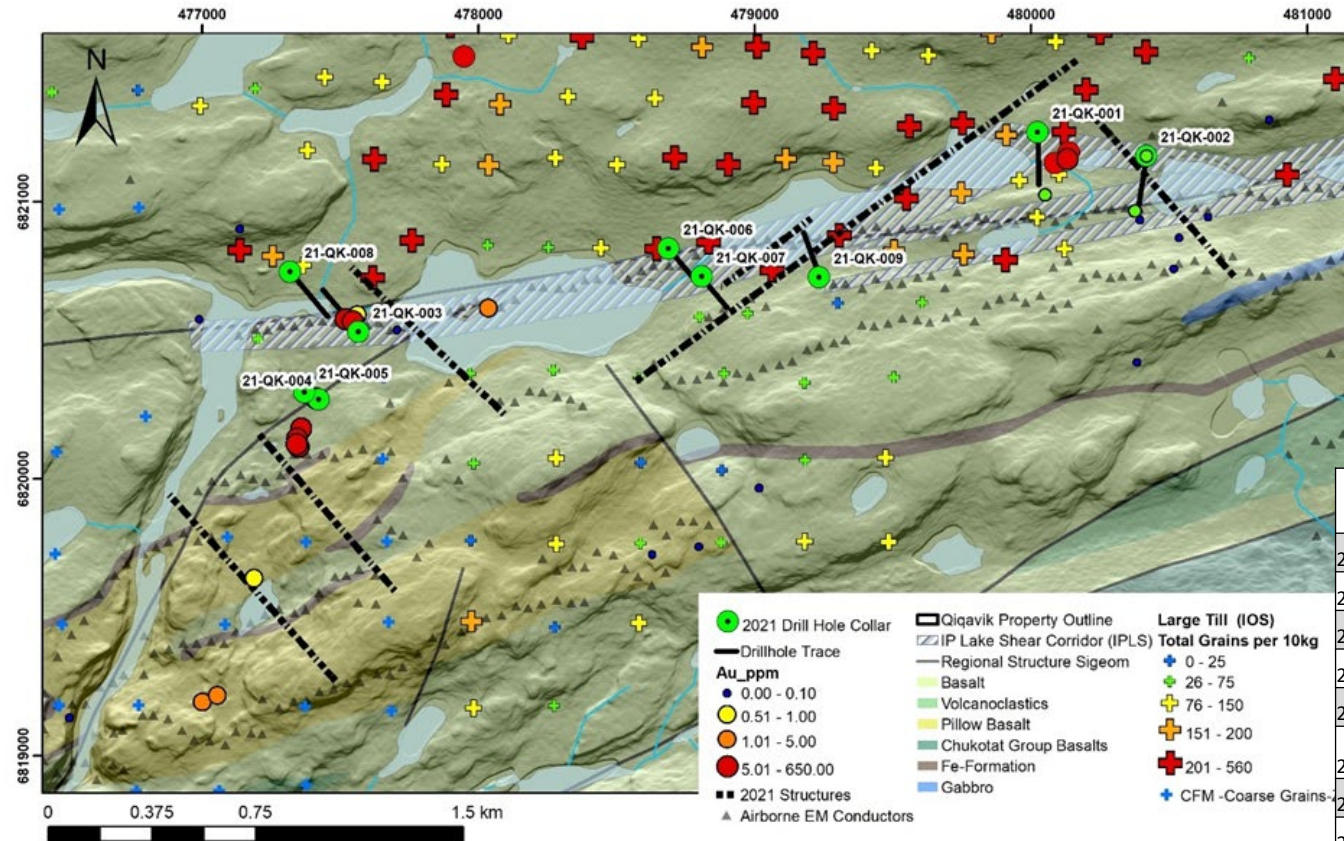
- Definition of Gold Grain Count in Till, cut-off at the southern end of the IPLS by 85 samples (tills) that were process in “rush”
- The Annick Boulder Train Extended South, new assays report up to 97.5g/t Au. Grey quartz veins with pyrite and arsenopyrite.
- Annick “train” may not be a train but associated with a structure that is parallel/subparallel to NE-SW at ~N20deg

Note that grab samples are selective by nature and values reported may not be representative of mineralized zones. For Results from IOS Geoscientific, total gold grain is coarse(+50um) plus fine (-50um). For Results from CF Mineral Research Coarse is defined as greater than 250um. Grab samples labeled in g/t Au are 2021 rush assay results.



# Qiqavik Drilling to date and next (9 & 10) two holes

## Plan Map of the IPLS

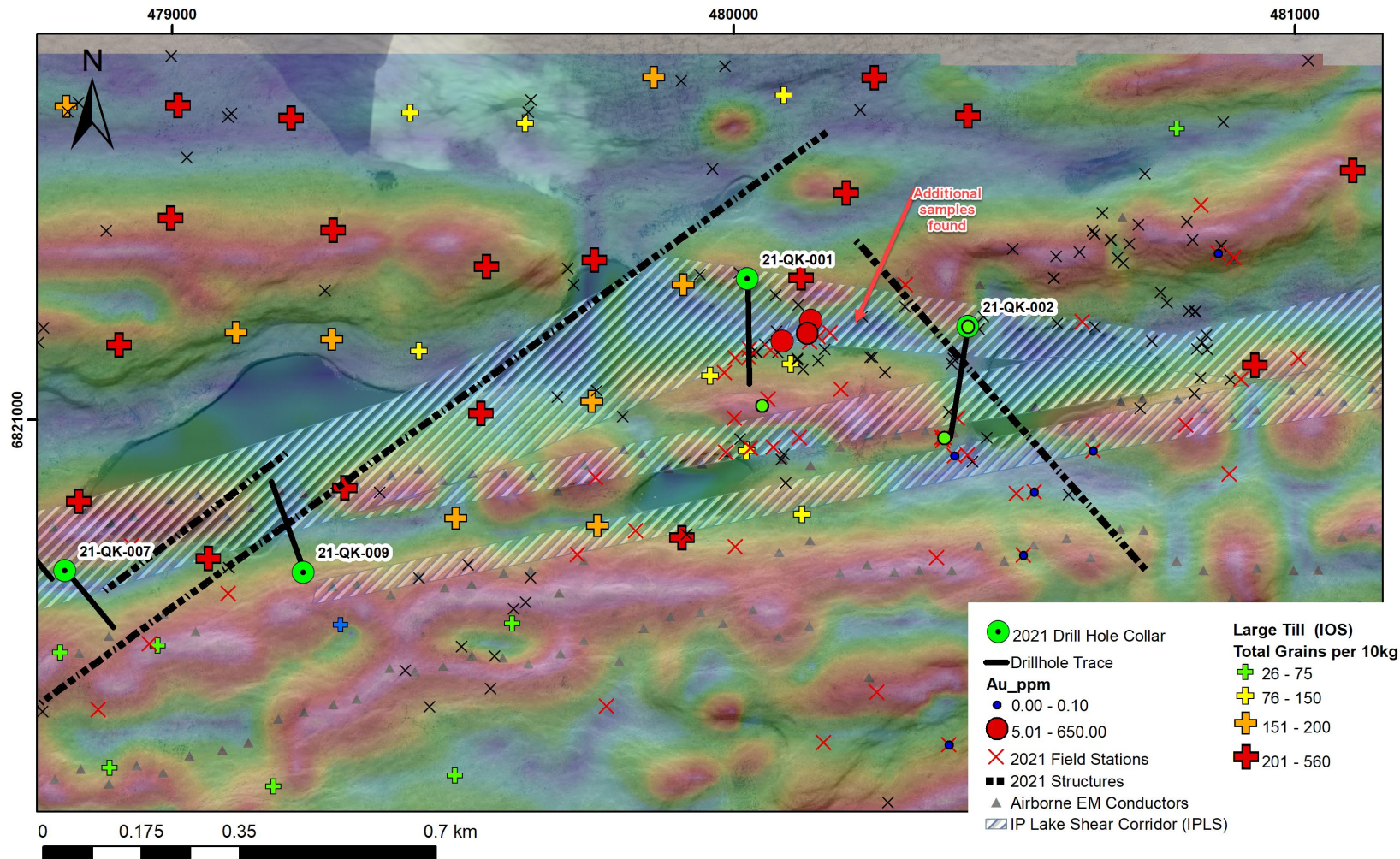


Hole Name	UtmE	UtmN	AZ	DIP	L(m)	Target
21-QK-001	480025	6821251	180	-45	198	head of high gold grain tills, source of high grade quartz vein boulders
21-QK-002	480418	6821166	192	-45	303	Intersection of IP Lake shear and cross cutting Az325 structure
21-QK-003	477566	6820531	310	-45	219	Intersection of IPLS and Annick's trend
21-QK-004	477423	6820287	293	-45	84	Cisor hole at the crater, Large bouldres on Annick Trend
21-QK-005	477371	6820312	113	-45	51	Cisor hole at the crater, Large bouldres on Annick Trend
21-QK-006	478689	6820832	130	-45	219	Oblique section on South part of IPLS. Includes change of conductivity on EM cdcr+local low mag visible on FVD and Full tilt mags.
21-QK-007	478809	6820731	130	-45	192	Oblique section on South part of IPLS.
21-QK-008	477319	6820748	130	-45	78	Follow up on Hole 3, possible structure of Annick Trend with IPLS
21-QK-009	479234	6820728	340	-45	250	Follow up on Hole 7 intersection and mag decrease in main conductor, dumbell lake structure?
21-QK-010	480136	6821168	200	-45	140	Follow up on Hole 1 -More dumbell lake mineralizee boulders found post drilling hole
					1734	Total m

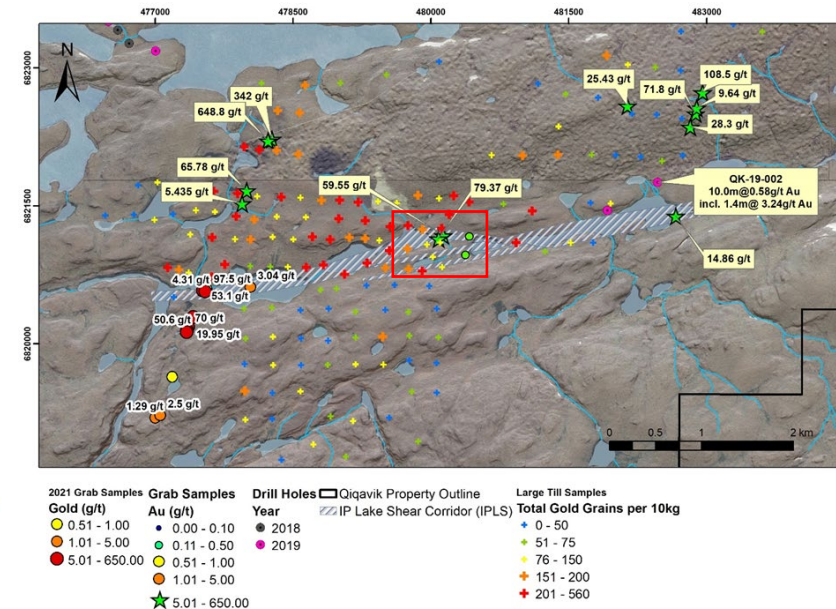


# Qiqavik Drilling

QK-21-001 & QK-21-002



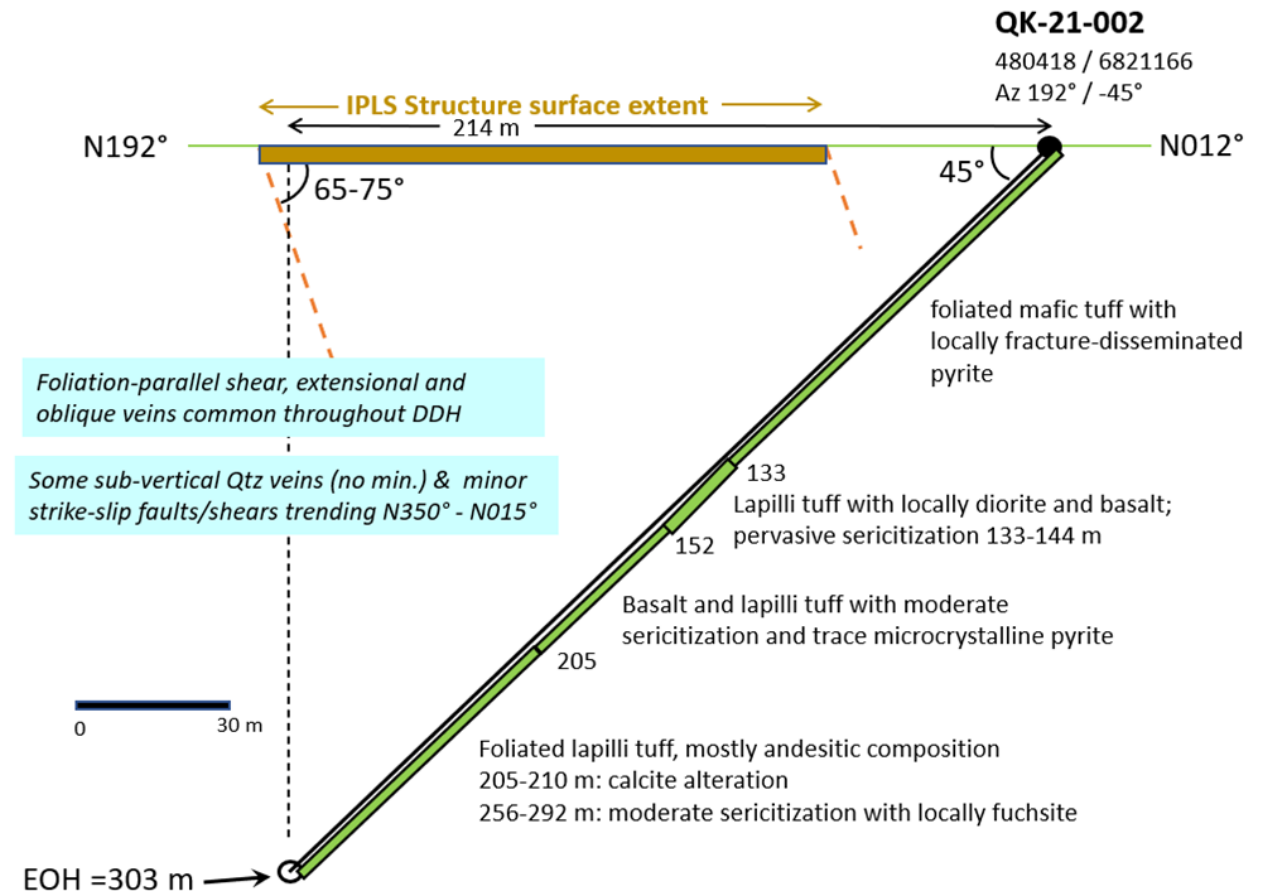
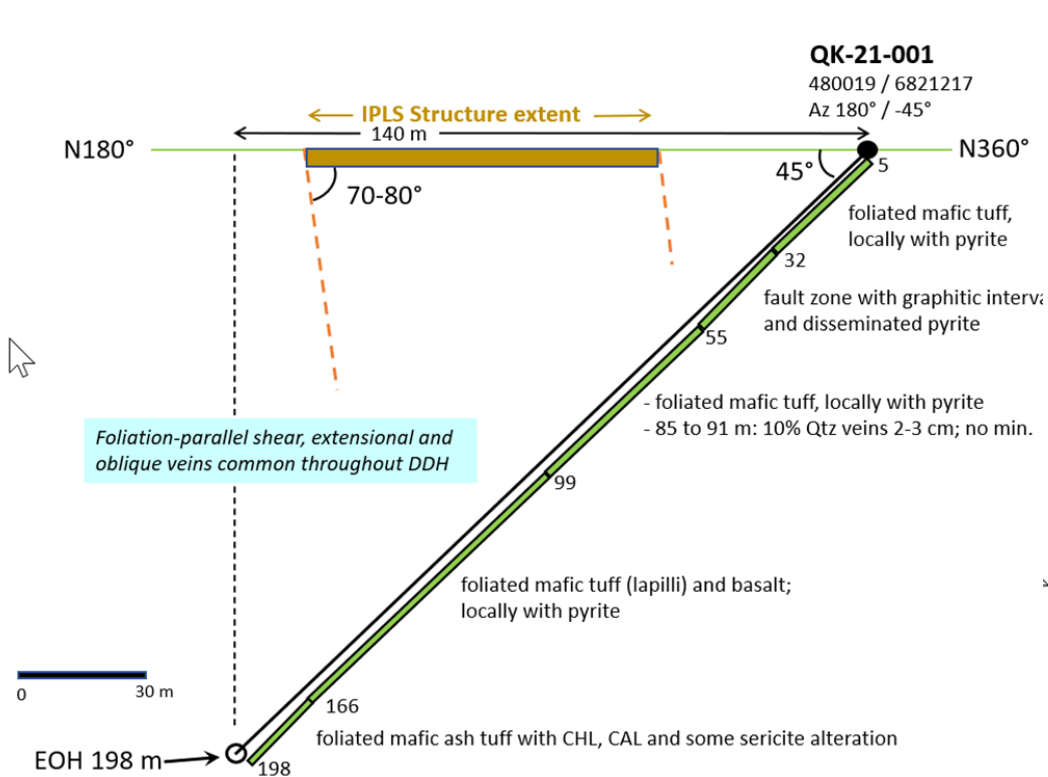
Eastern End of Dumbell Lake  
Target: Dumbell Lake Boulders –  
Quartz with VG, Pyrite, Arsenopyrite  
grading up to 98 g/t





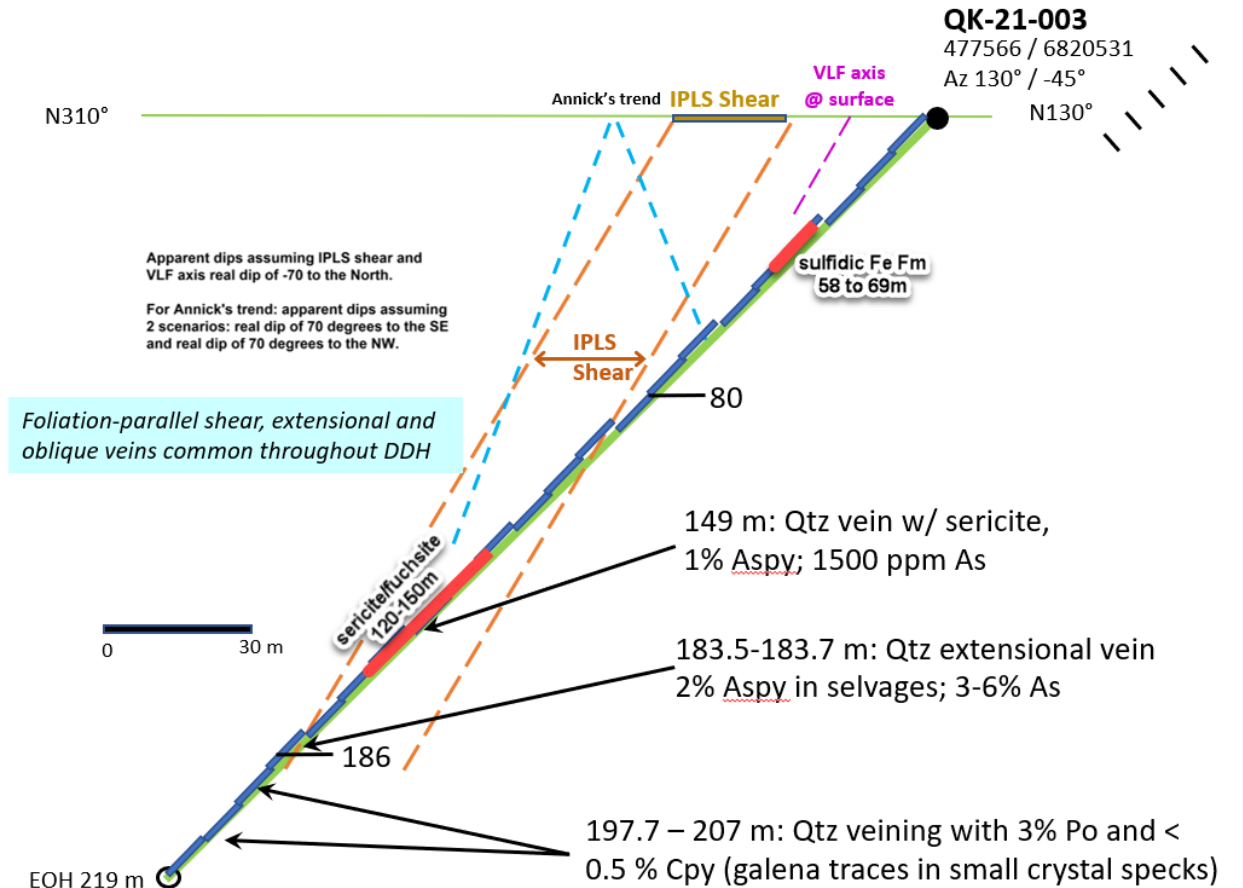
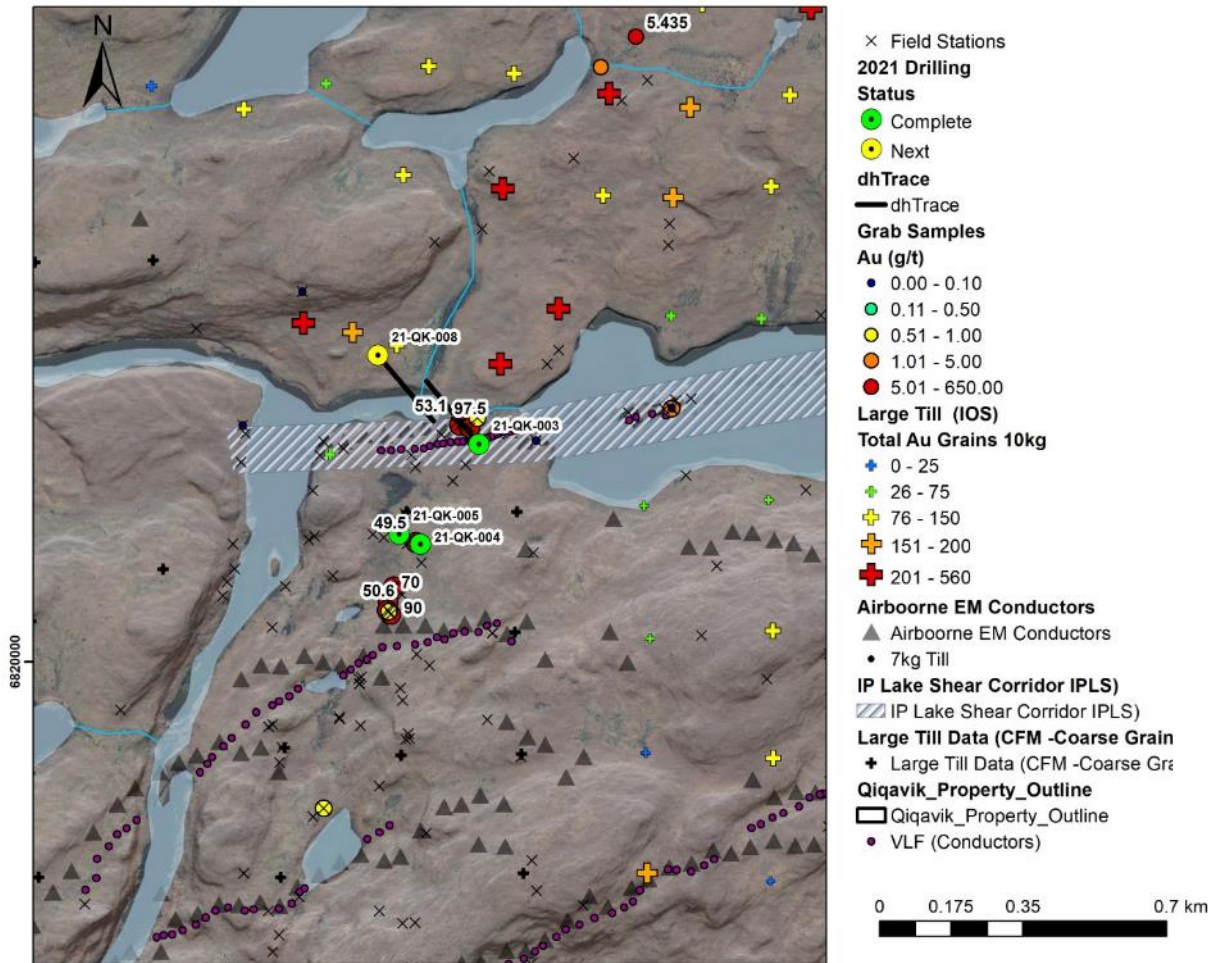
# First two holes drilled at Dumbell Lake on IPLS

Drilled 400 metres apart and successfully intersected the IPLS with strong sericite, calcite and local fuchsite alteration



# QK-21-03 – Targeted IPLS near Annick Boulder Trend

Intersected sulphide iron formation and a thick mineralized section with Arsenopyrite and sericite/fuchsite alteration and Quartz veining



Note that all references to elemental concentrations have been measured via portable XRF and not representative. Assays are not yet available



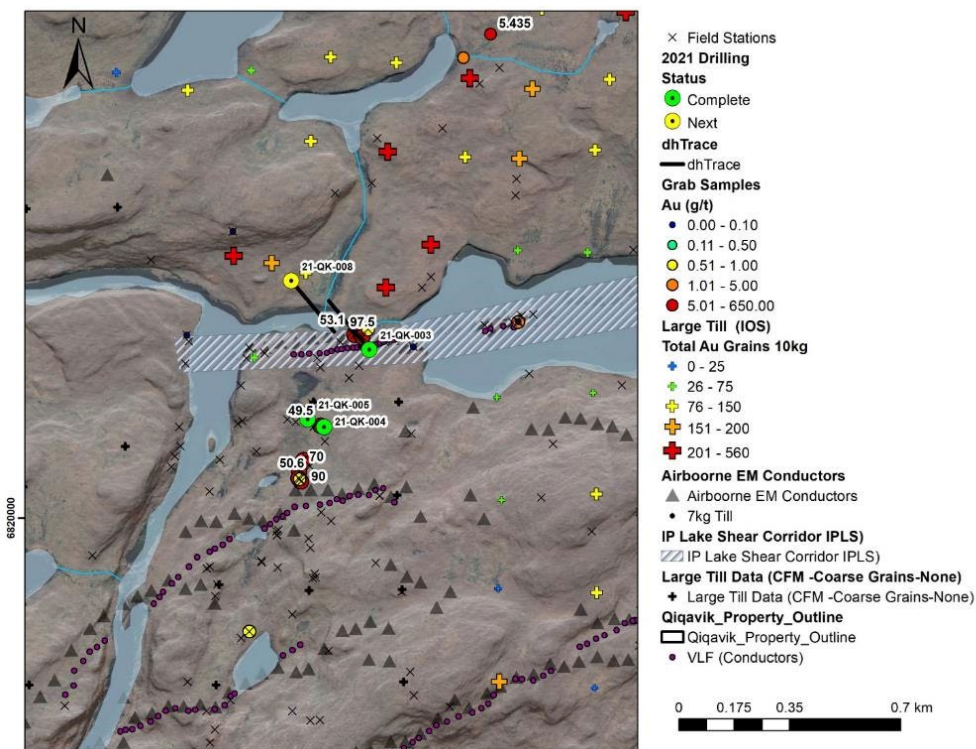
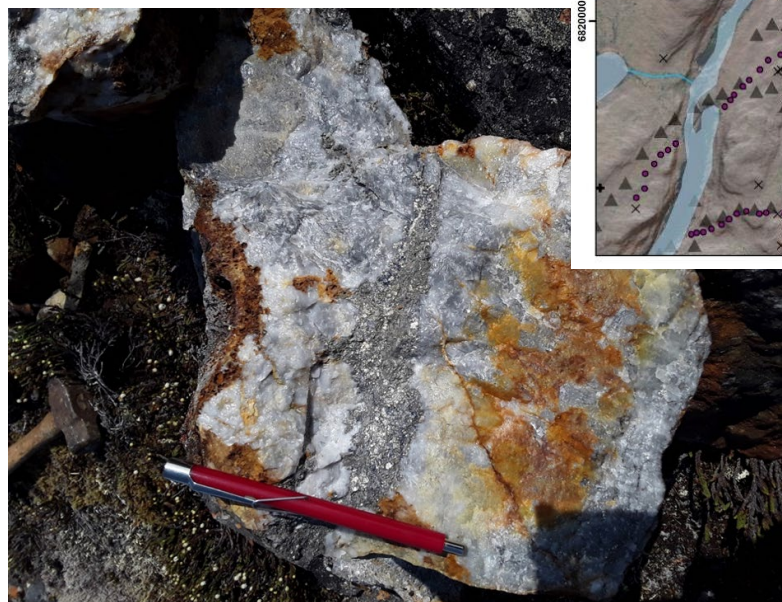
# Annick Boulder Train - Change of geological thought

Appears to be a 2.6 km NNE structure cross cutting the IPLS, will take more till samples to locate the vein

*Sample 167041, example of the Annick Style Samples: Grey quartz with veins of massive pyrite and arsenopyrite. Sample reported 49.5g/t Au , found 200 metres south of the IPLS*

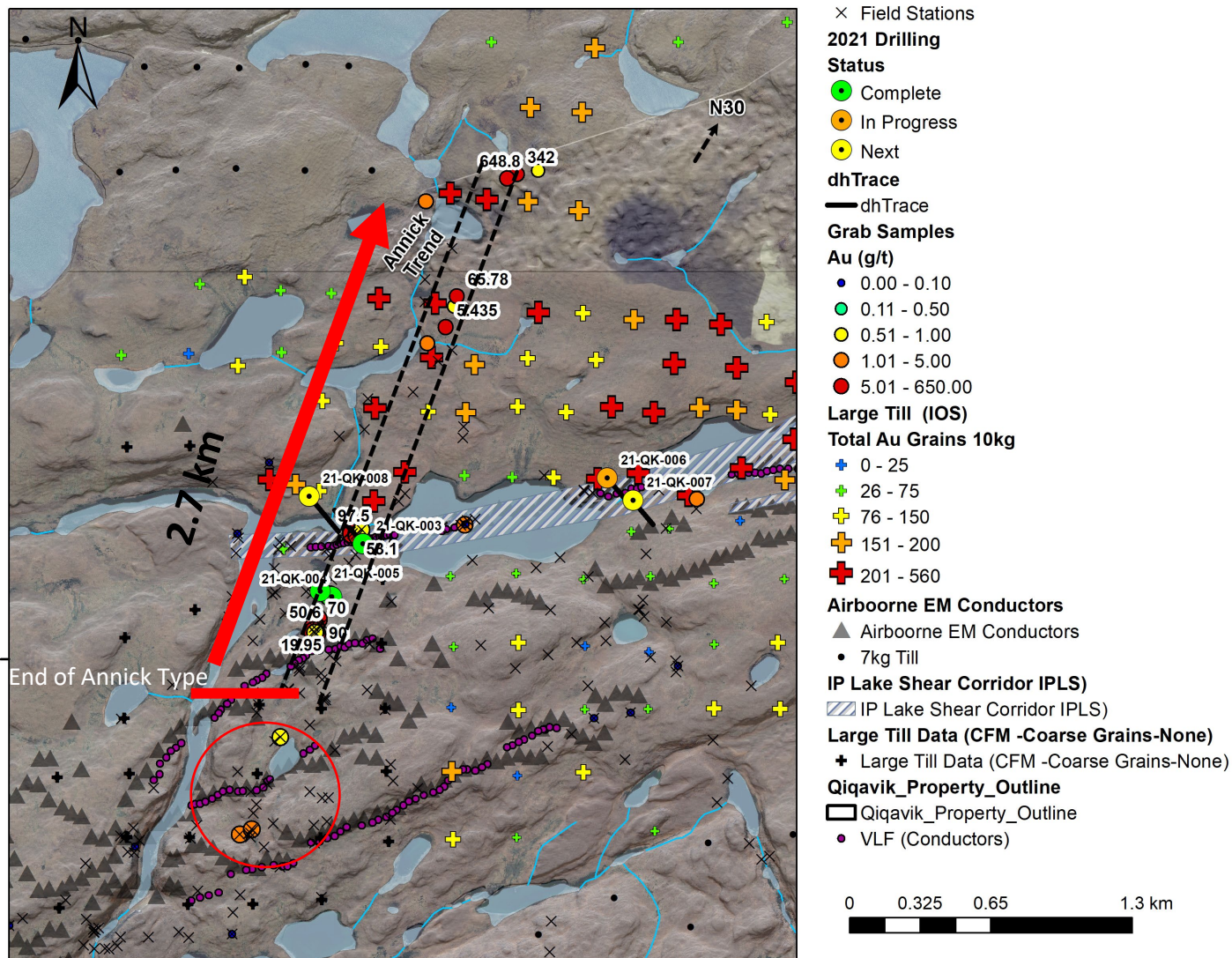
With grades of up to 648 g/t Au along the Annick boulder train it is a major conduit of gold bearing fluids resulting in spectacular gold mineralization.

Drilled holes 4 and 5 under pit of 2 m x 2m sized Annick material, but did not hit the vein.





# Annick Gold Boulder Trend –Train or Structure ?



**Annick Trend: Grey Quartz Boulders with As-rich pyrite and galena +/- Sb anomalies +/- Graphite +/- VG**

## Evidence supporting Phantom structures

- Gold grain count does not decrease to the north of IPLS like other areas
- “Boulders” line up too perfectly to form a 20m wide corridor, no fanning to the north.
- Mineralized samples continue to the south (lower grade different associations), different part of the same system?
- Graphite is present in samples to the south of IPLS. Possible that phantom structure is in contact with graphic units to the south.
- Series of depressions/lakes parallel to train (to west)

## Evidence Annick Trend is a Boulder Train

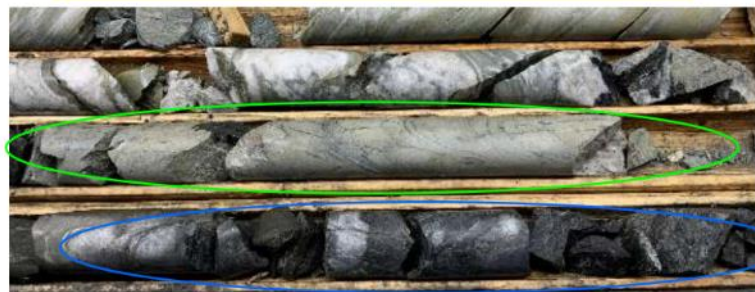
- No evidence of phantom structure in holes 3/4/5/8.
- Boulders are bigger to the south
- Striae: 23 to 30 deg -> parallel



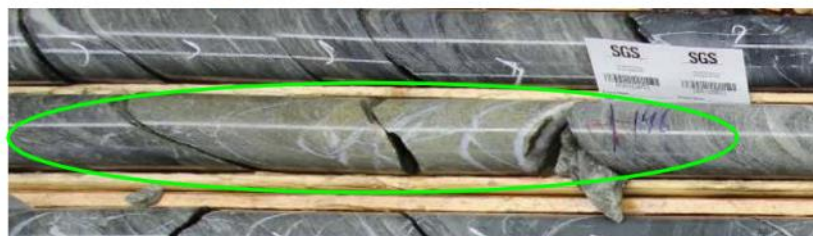
# Qiqavik Drilling

QK-21-006 Sulphide Facies Iron Formation intersected, appears the same as in Hole QK-21-003 1.2 kms west

Vein and sericitization associated mineralization in QK-21-006

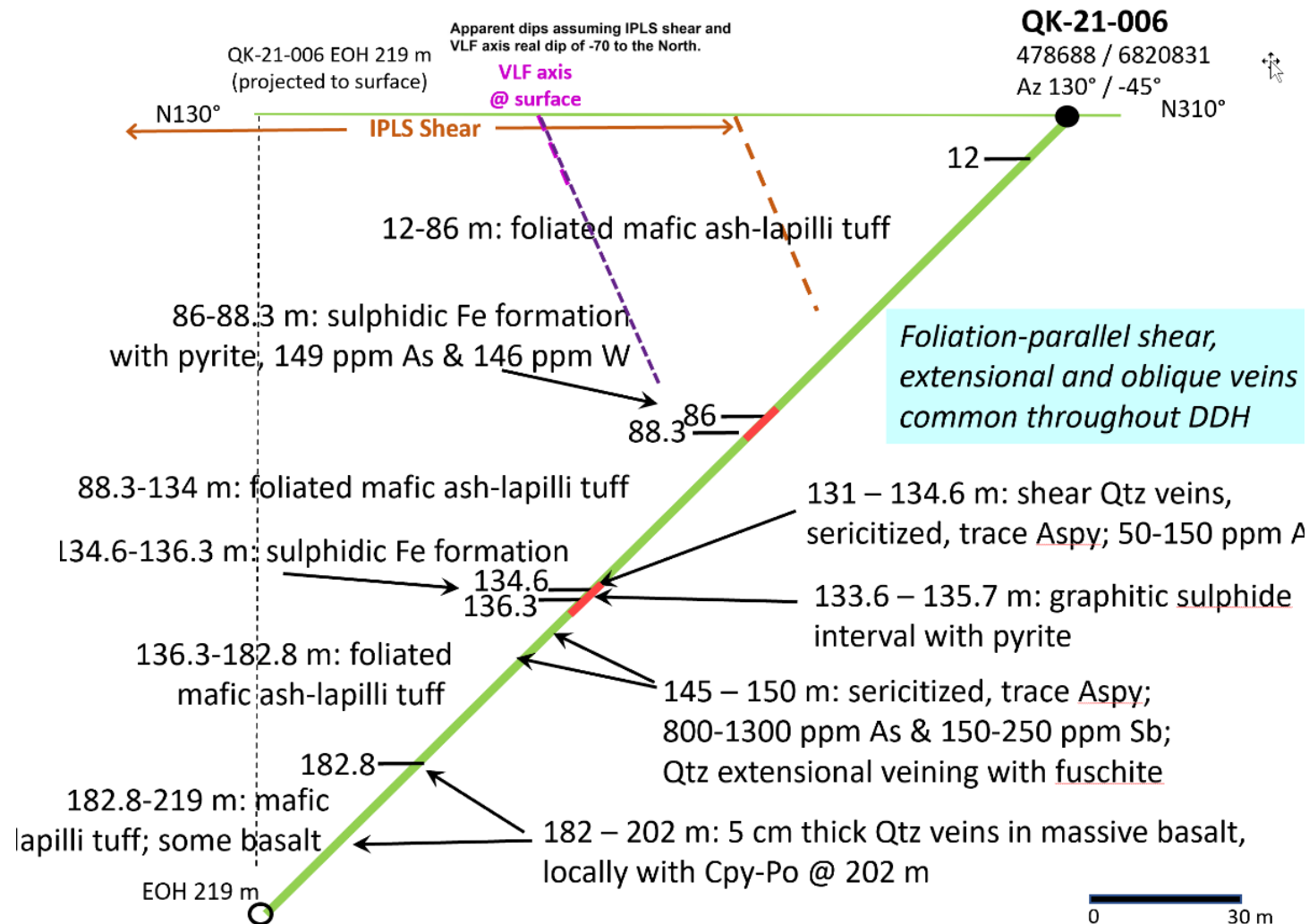


131 – 134.6 m: shear Qtz veins, sericitized, trace Aspy; 50-150 ppm As  
133.6 – 135.7 m: graphitic sulphide interval with pyrite



145 – 150 m: sericitized tuff and chert, trace Aspy; 800-1300 ppm As & 150-250 ppm Sb; Qtz extensional veining with fuschite

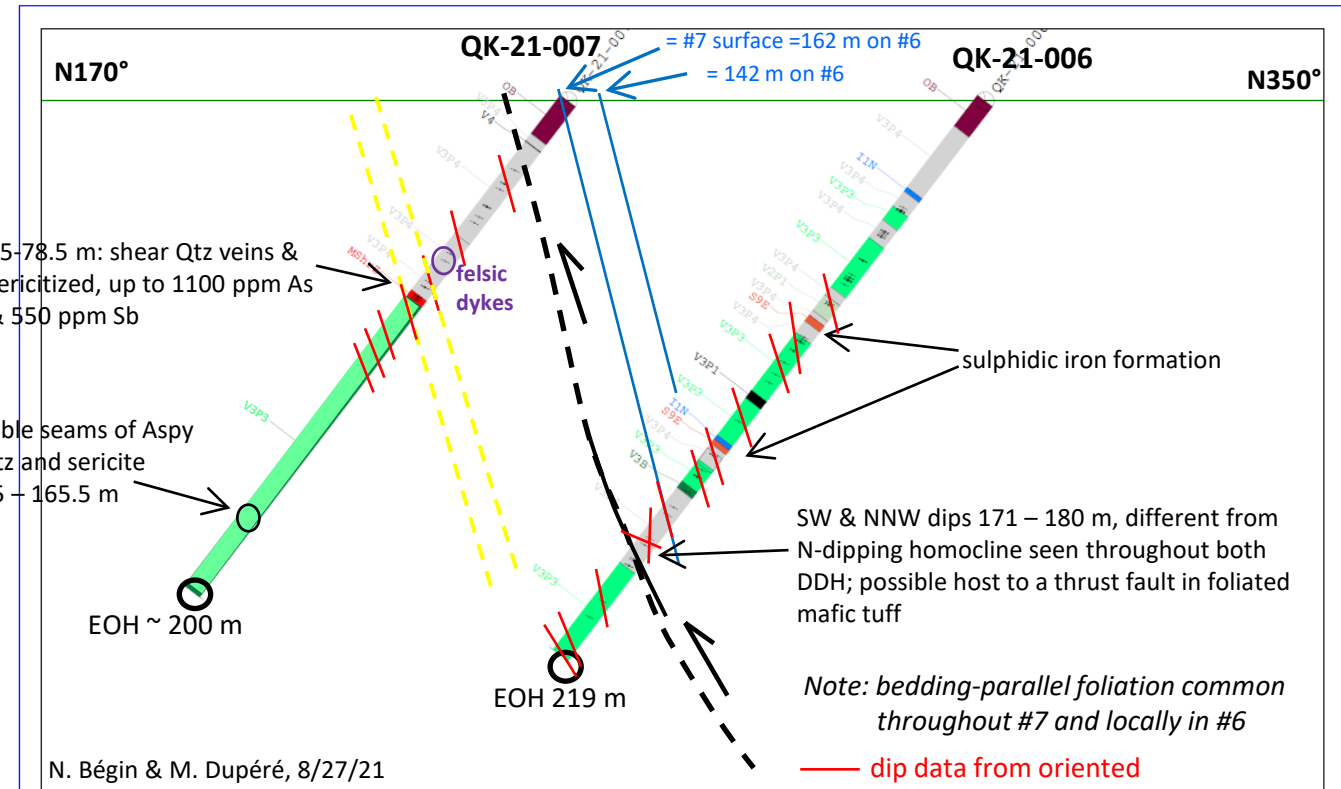
Note that all references to elemental concentrations have been measured via portable XRF and not representative. Assays are not yet available



# Qiqavik Drilling QK-21-007

Mineralized intersection

## Structural dip section through QK-21-006 & -007, IPLS deformation zone



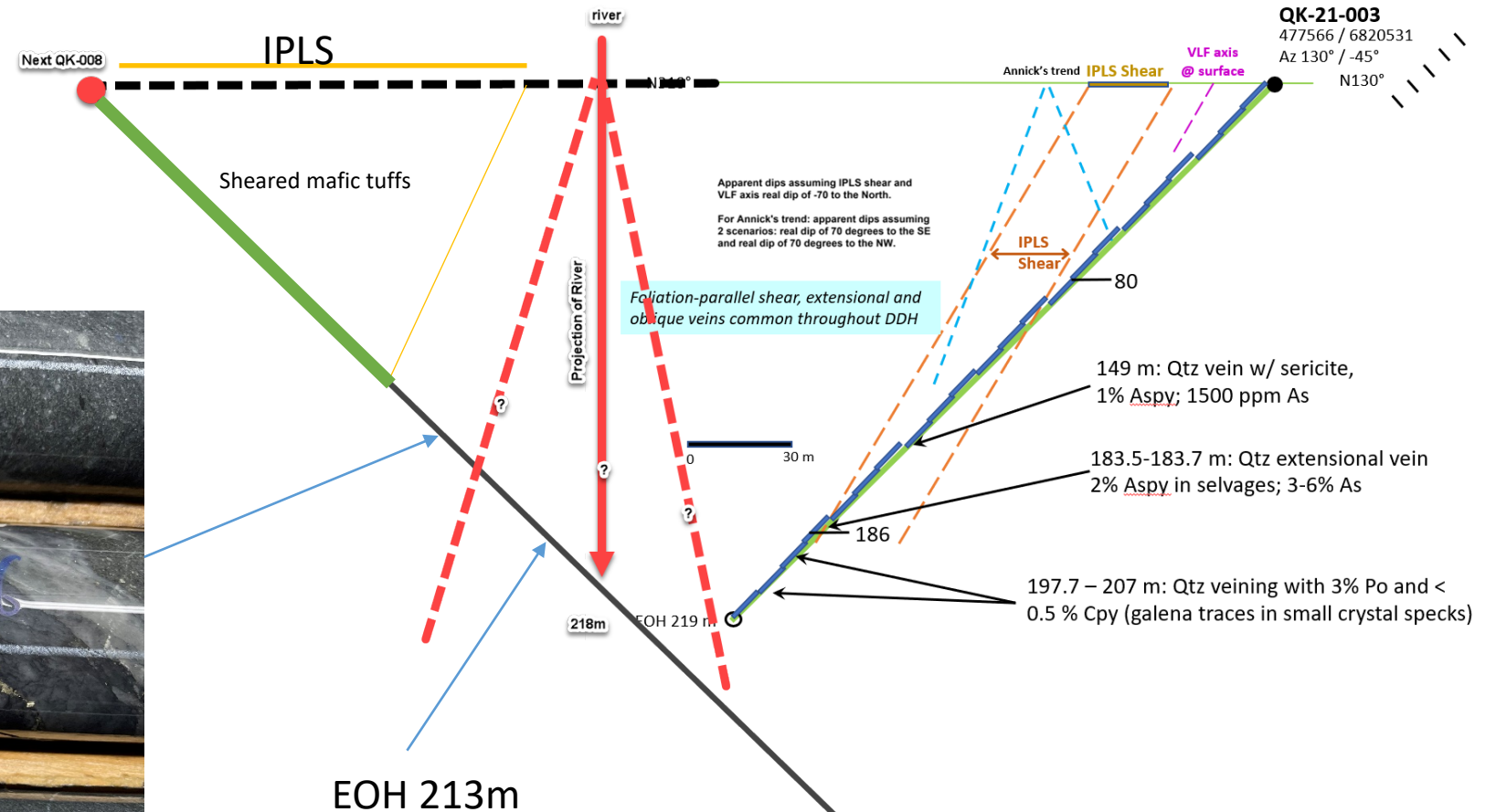
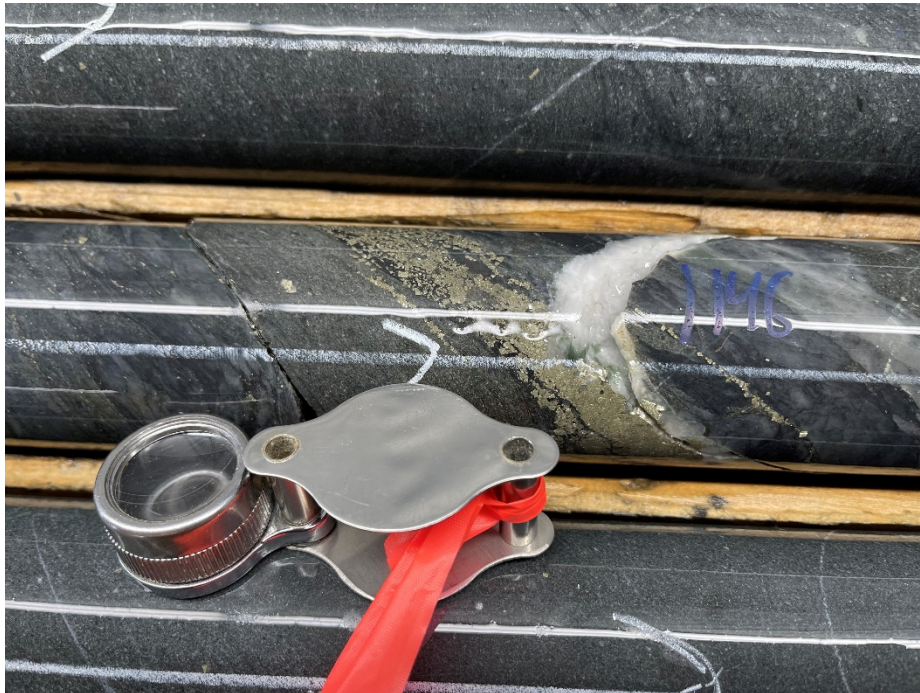
ENVELOPES	SYMBOLS	HOLES
	Collier Marker	Lithology Summary (level 0)
	End of Hole	
	Hole Cross Plane	
	Hole Cross GeoSection	

DRAWN BY	DATE
REVISED BY	DATE
SCALE 1 : 1000	
DWG Sect350	

Note that all references to elemental concentrations have been measured via portable XRF and not representative. Assays are not yet available



As rich py with grey quartz->IPLS  
shear parallel @148m



Note that all references to elemental concentrations have been measured via portable XRF and not representative. Assays are not yet available

# Other Potential Targets

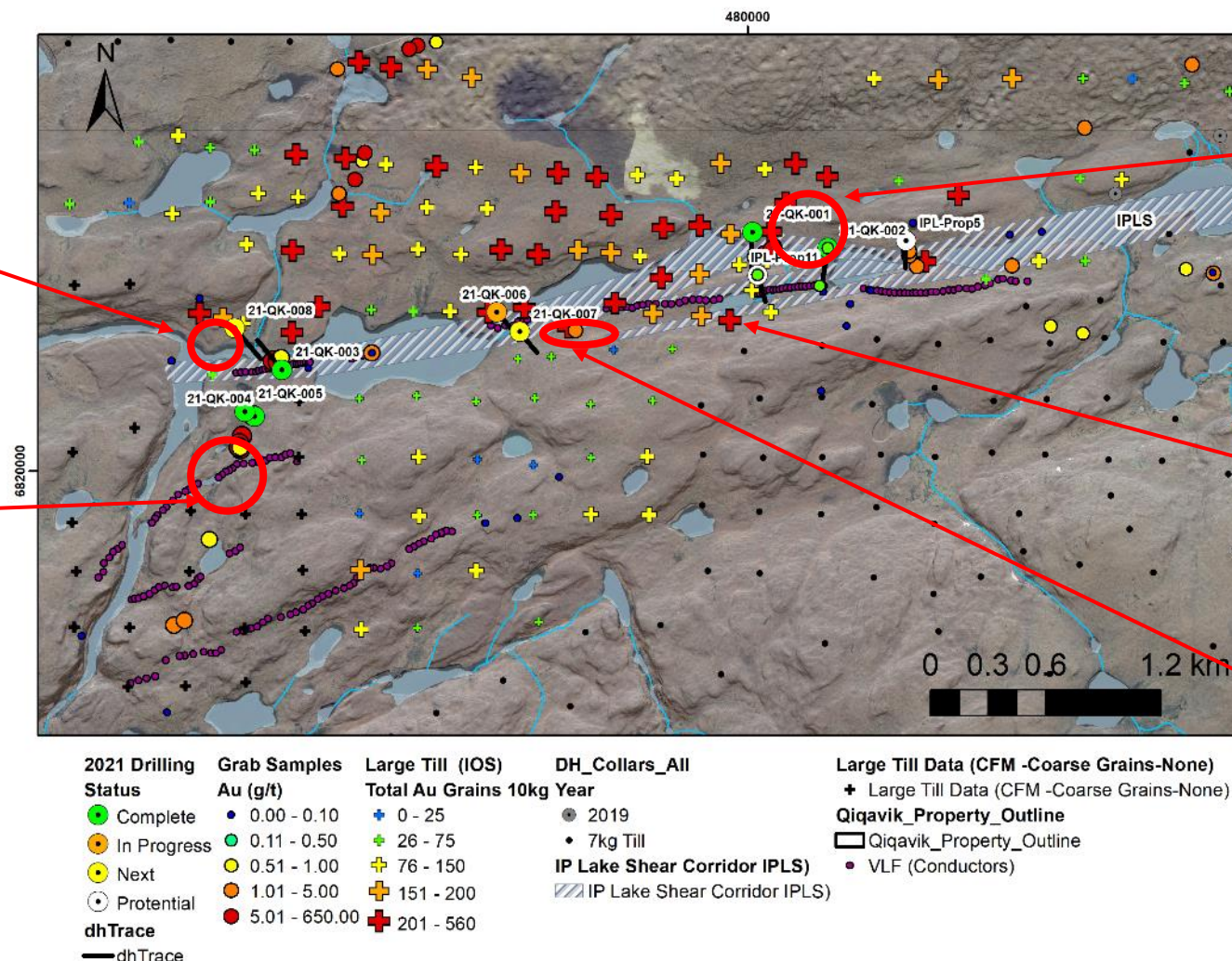
Where the IPSL meets the NE-SW River, highest coarse gold grain count of survey

Where the Annick trend meets the North Limb of graphitic Conductor

QK-010 Follow up on QK -001 dumbbell lake boulders

Southern splay of IPSL. Ankerite-fuchsite subcrop XRF As

QK-009





# West Raglan Project – Wyloo Metals Earn-in

Large Land Package in a Rich Nickel, PGE District

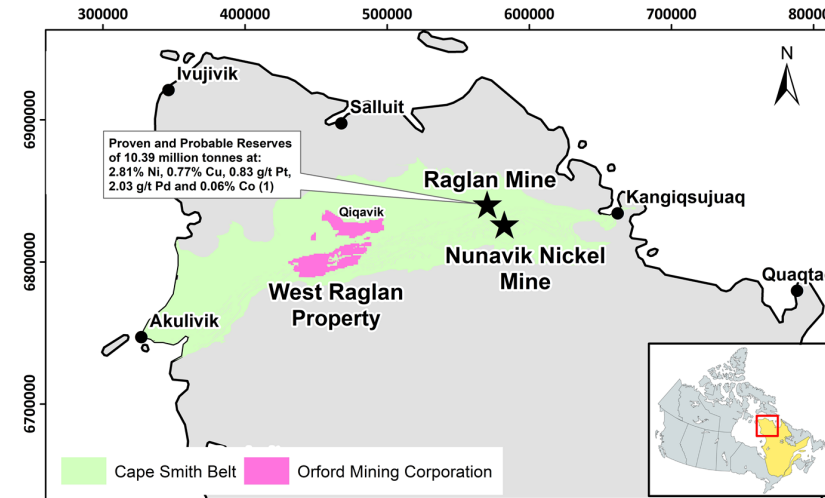
Massive 814 km<sup>2</sup> property in a prolific, yet underexplored region in Quebec

- 100%-owned, advanced stage Ni-Cu-PGE exploration project covering nearly 814 km<sup>2</sup> in the Cape Smith Belt, Nunavik, Quebec
- Cape Smith Belt is host to prolific high-grade polymetallic nickel deposits and includes two operating mines: Raglan and Nunavik Nickel
- Located ~60 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. 2019 stood at 10.39 Mt at 2.81% Ni, 0.77% Cu, 0.83 g/t Pt, 2.03 g/t Pd and 0.06% Co (1))
- **Orford executed a earn-in agreement with Wyloo Metals in January 2021 on West Raglan**

(1) Source: Glencore Resources & Reserves Dec 31, 2019.

**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

## Location in the Cape Smith Belt



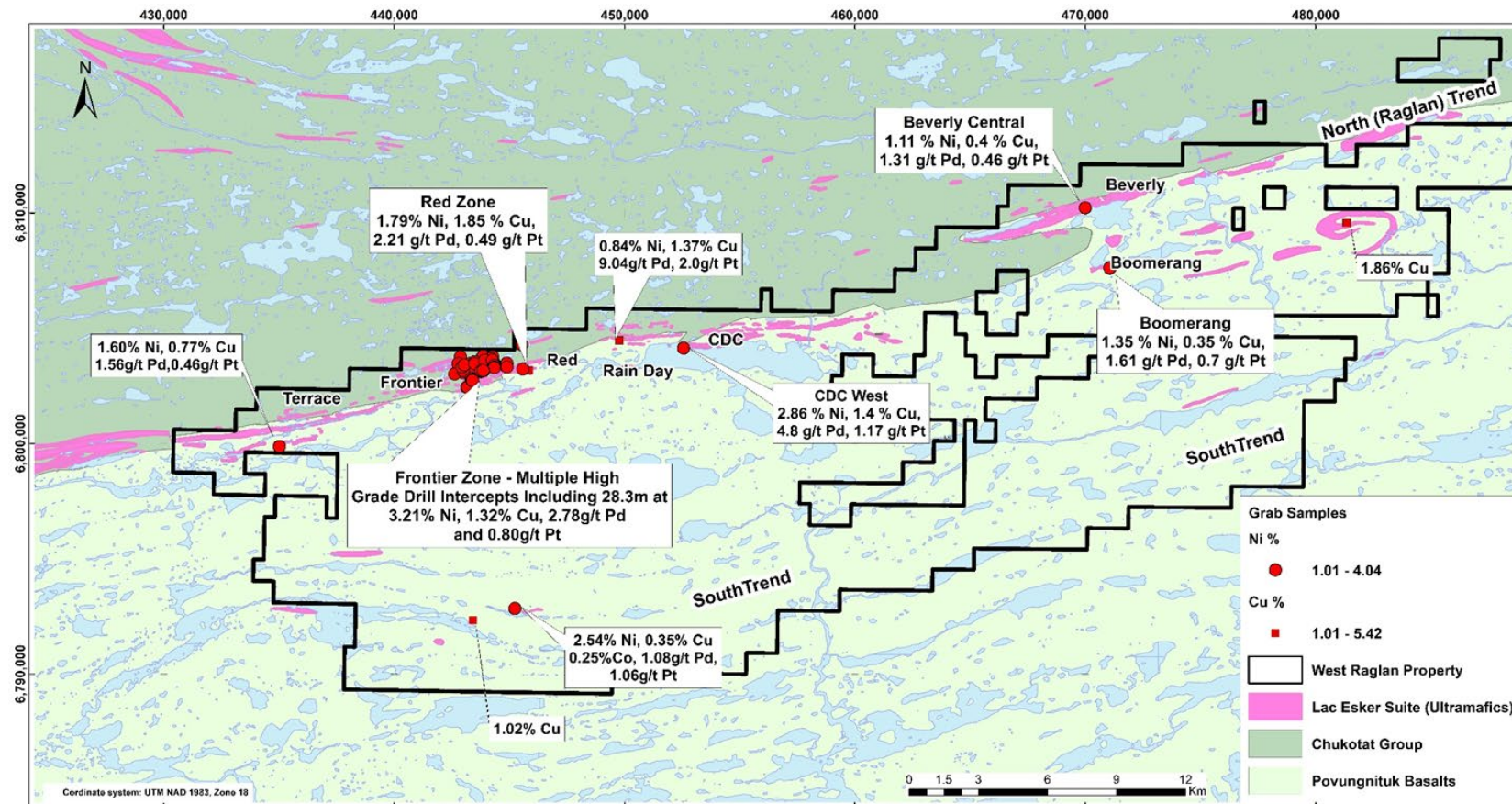
## Ground views of West Raglan property



# West Raglan Project

Overview of Key Targets and Key Wyloo earn – in terms

Identified outcropping sulphide mineralization over +35 km of strike with limited testing at many zones



The Agreement allows Wyloo Metals to earn up to 80% of the Project for total expenditures of \$25.0 million over 7 years, as follows:

- 1) Spend \$6M by 4<sup>th</sup> anniversary earn 51 % interest in the Property and form JV. This includes minimum committed expenditures of \$1.0 million during the 1<sup>st</sup> year of the agreement;
- 2) Spend an additional \$5M for a total of \$11M by 5<sup>th</sup> anniversary to earn 70%;
- 3) Spend an additional \$6M for a total of \$17M by 6<sup>th</sup> anniversary to earn 75%;
- 4) Spend an additional \$8M for a total of \$25M and make a \$1.5 million cash payment to Orford by 7<sup>th</sup> anniversary, to earn 80% by completing a Feasibility Study;
- 5) Upon completion of the earn-in period Orford may contribute pro-rata to maintain interest in the JV or dilute down to 10% whereby interest is converted to a 2.0% NSR.

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



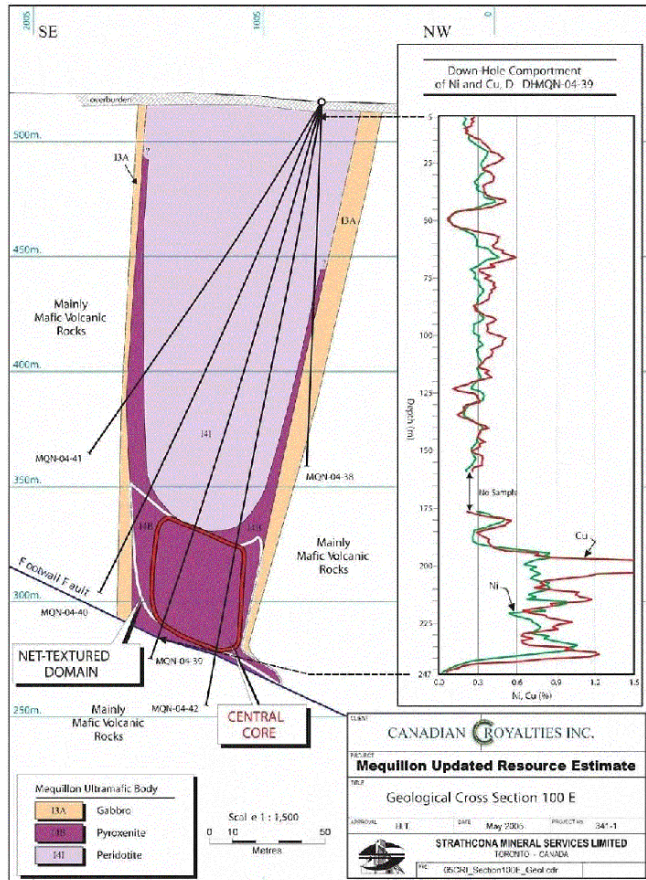
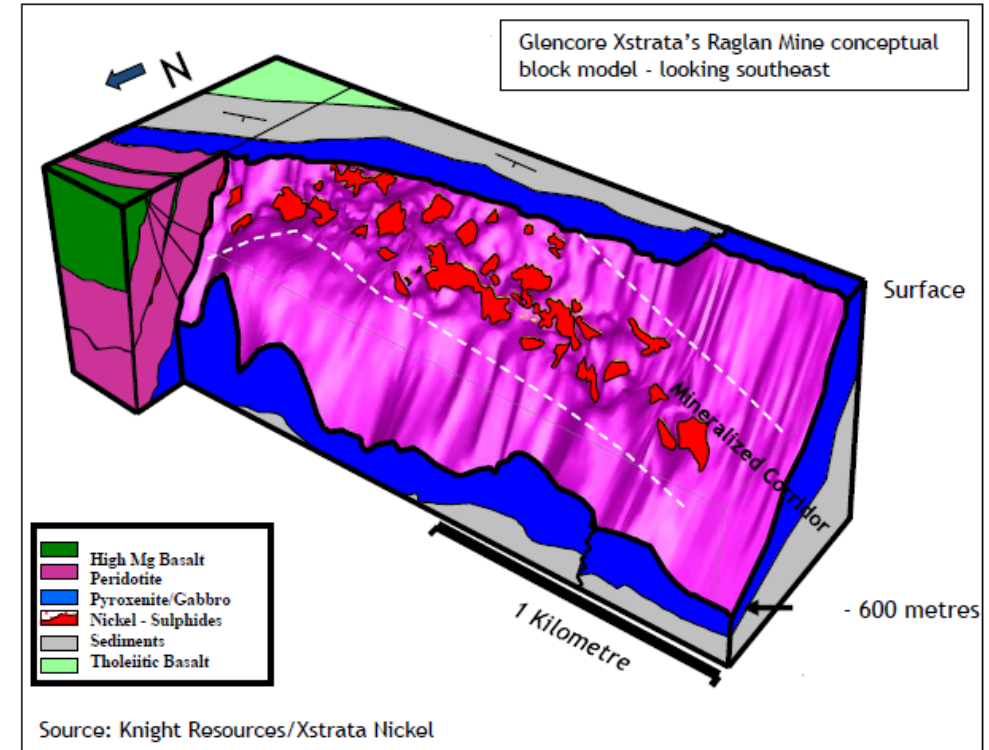


Figure 8 P&E Mining Consultants Inc.

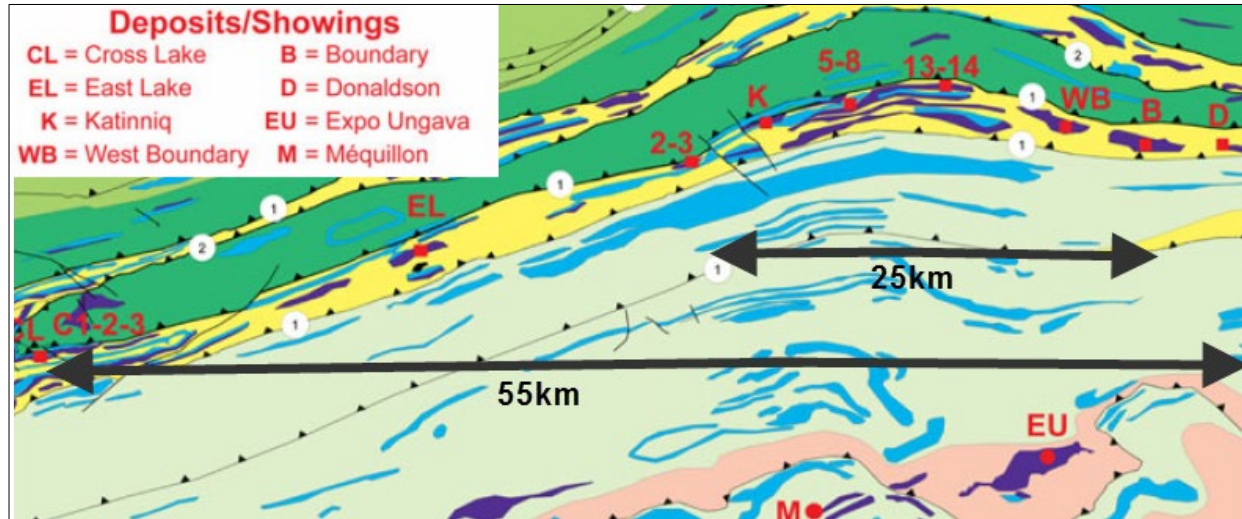
Canadian Royalties' Mequillon deposit is an ultramafic dyke 1.5km x200m (peridotite core, pyroxenite and gabbro on margins, hosts net-textured and massive sulfides (Ni:Cu 1:1)



Raglan Mine hosts 190 individual sulphide lenses in 12 distinct zones; four zones are currently in production feeding a central mill facility (Ni:Cu, 3:1)

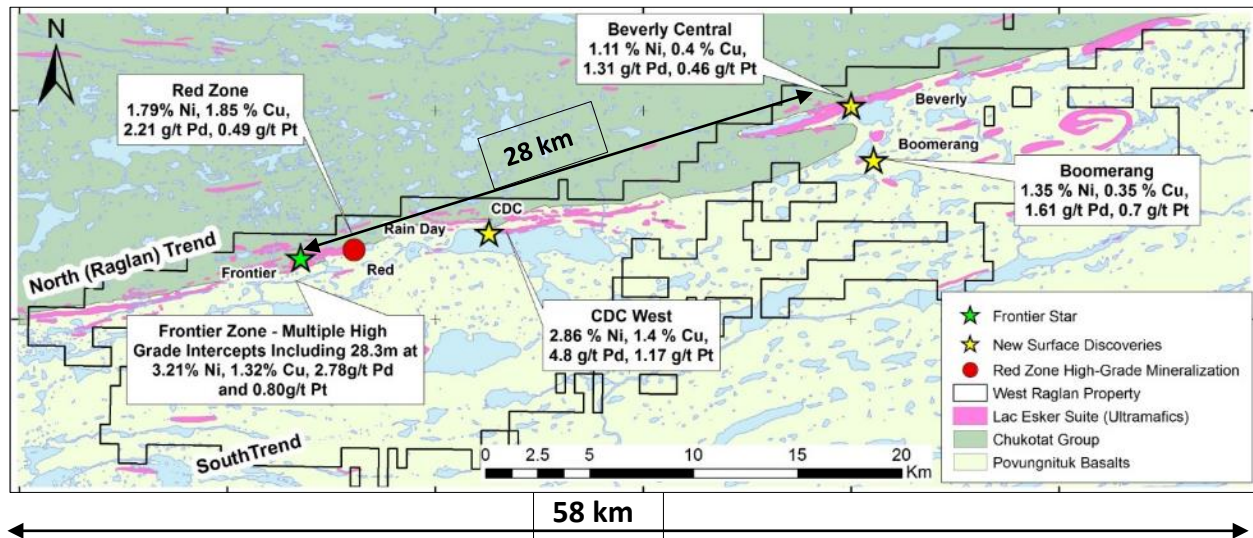
# West Raglan Project

## Comparison of Known Mineralization on West Raglan to the Raglan Mine



Geological map of the Raglan Belt. High Grade mineralization lenses occur in clusters spaced as close as 1km and up to tens of km from each other.

Source: Modified after Williams et al. 2011, Watts and Osmond (1999) and Leshar (2007)

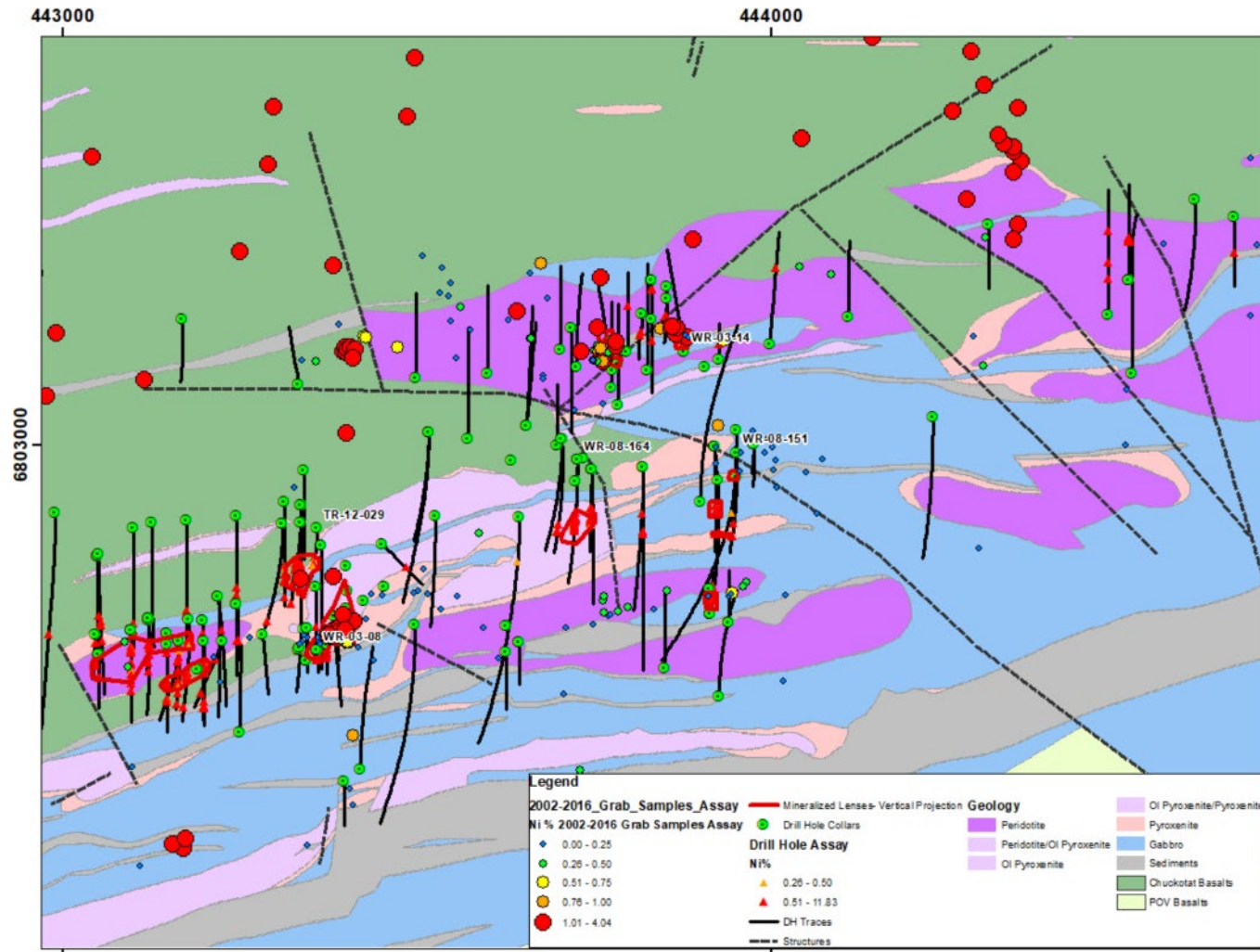


West Raglan geology map showing high grade occurrences on the Raglan Trend. New 2015 surface discoveries demonstrate the occurrence of high grade Ni-Cu-PGE mineralization outside of the Frontier zone and that the potential for the discovery of high grade deposits extends for tens of km along strike at surface



# West Raglan Project

## Frontier Zone Core



- Historically, the Frontier Area of West Raglan hosts the majority of the West Raglan Drilling
- Several Raglan Styles Nickel-Sulphide pods have been discovered.
- Examples of Raglan-type grades and intercepts are shown on the next slide.

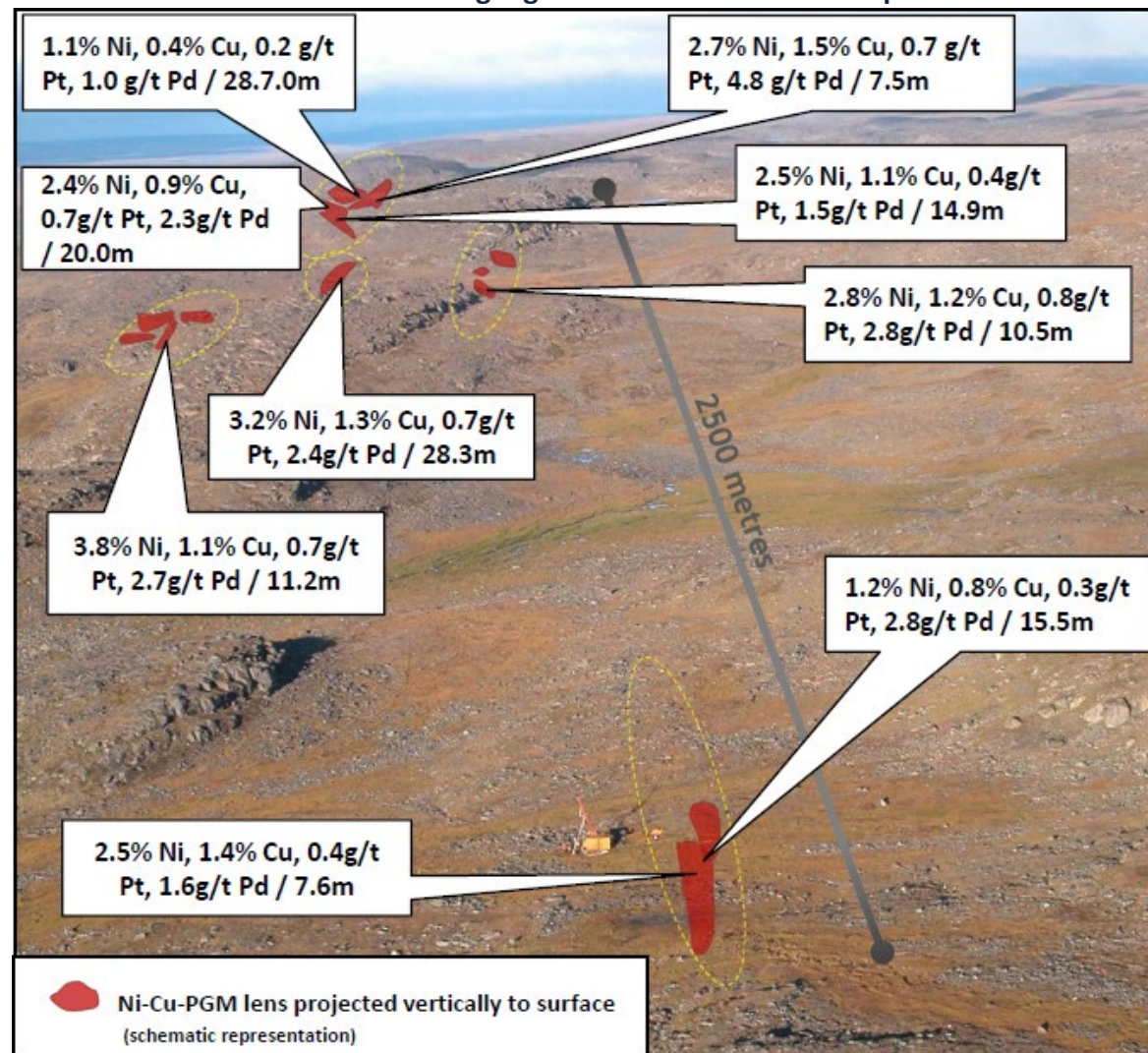
Note that grab samples are selective by nature and values reported may not be representative of mineralized zones  
Note that All drilling intervals are down-hole lengths. True thicknesses cannot be estimated with available information

# West Raglan Project

## Frontier Zone – High Grade Palladium/Platinum with High Grade Nickel/Copper

- Identified five key mineralized lens clusters over a 2,500 m strike
- High-grade (2-3% Ni, 3+ g/t PGE) sulphide lenses outcropping
- High priority targets modelled from BHEM and 3D magnetic inversion suggest vast potential remains above 250 m depth
- Intersected many high-grade drill holes over past exploration programs (2003 to 2008) across the Frontier Zone

Overhead of Frontier Zone with highlighted historical drill intercepts



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



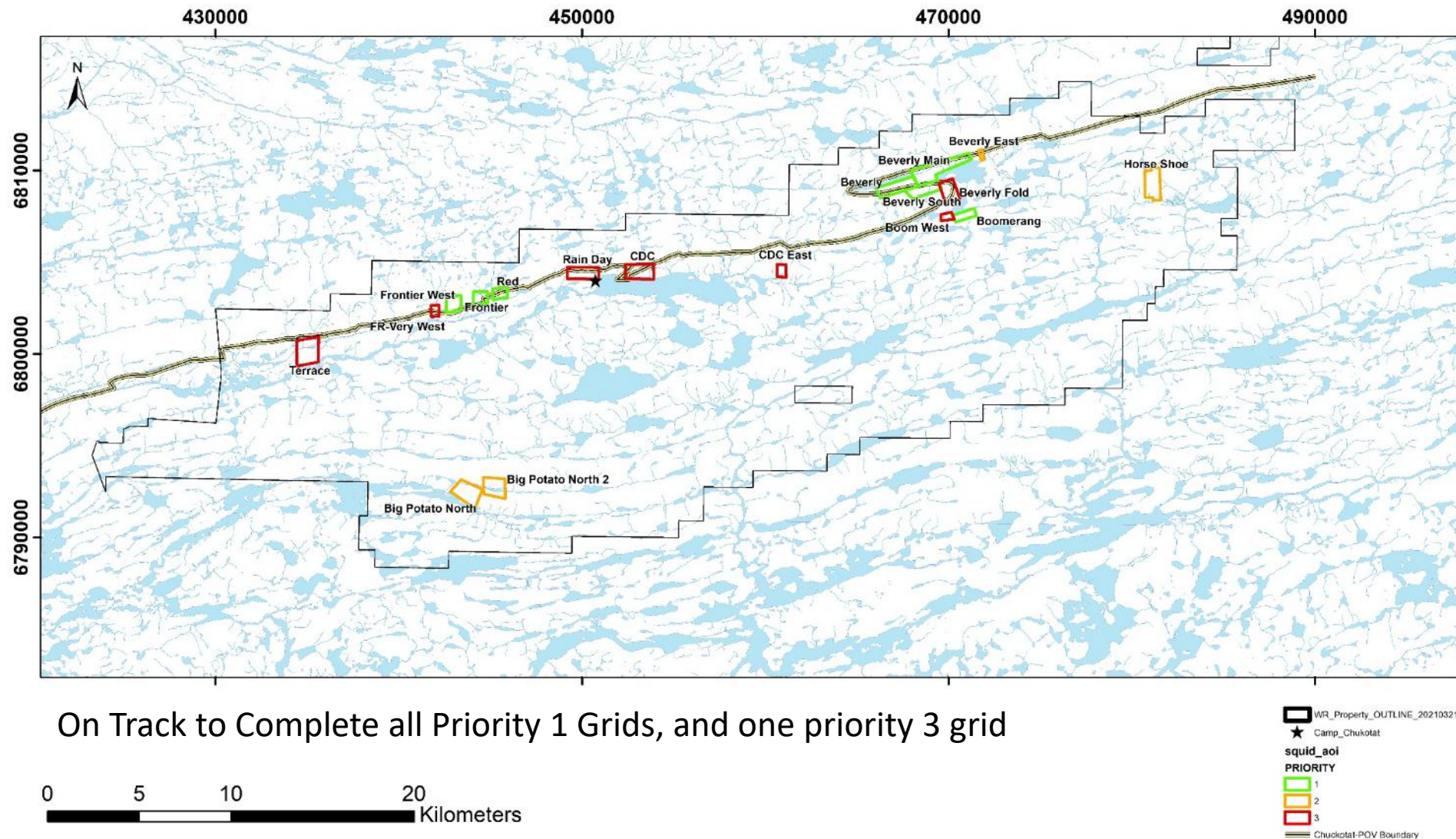
# West Raglan Project

## 2021 Exploration Program

- 2021 \$1.7 million Exploration program will take place in July & August
- Program will focus on using proven geophysical methods in the belt that have led to Nickel discovery at Raglan and Nunavik Nickel to define and develop drill targets
- Implementation of ground EM with SQUID sensor and prospecting/mapping teams to define new targets and follow up on historical results. (SQUID = **superconducting quantum interference device**)







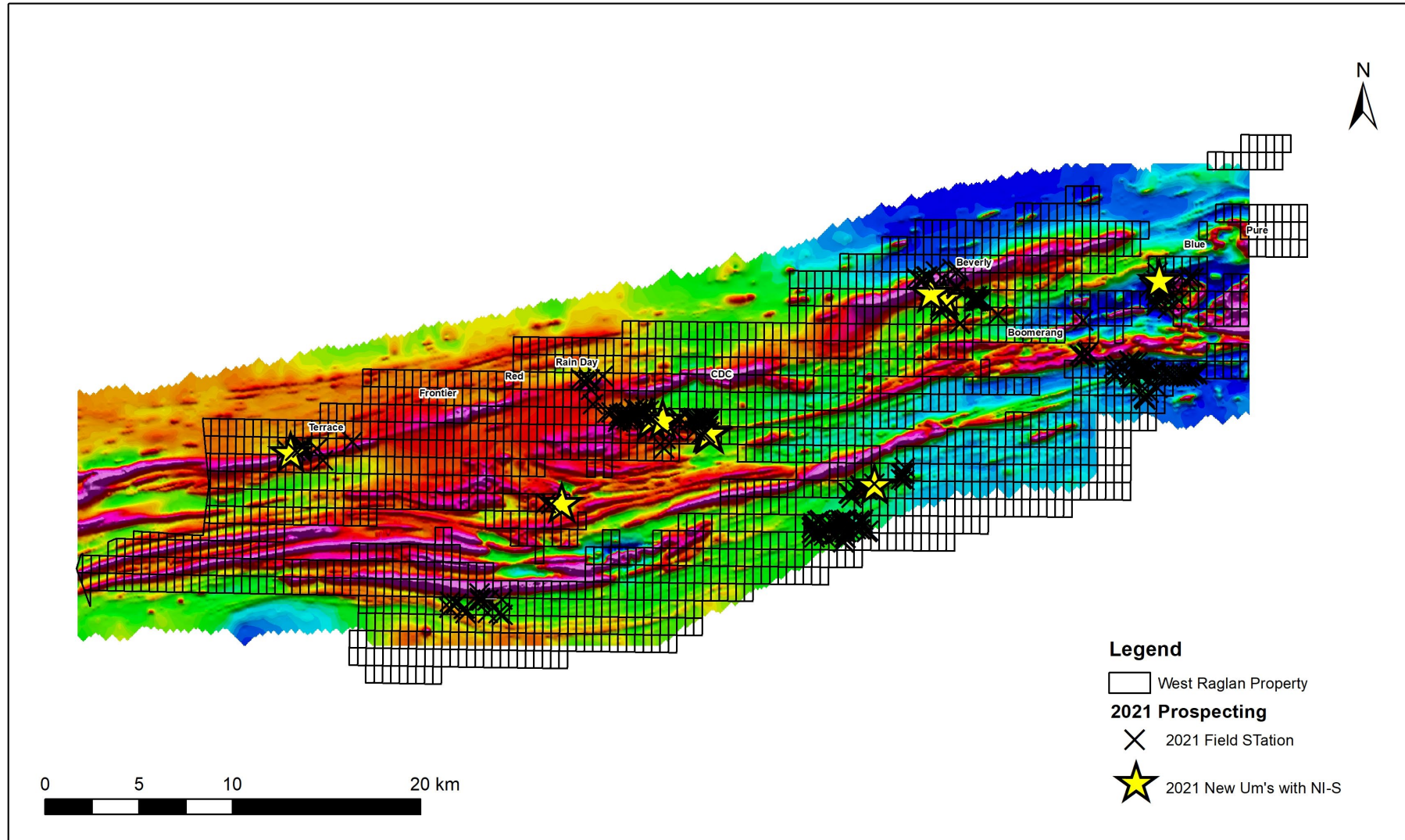
60 I-km of SQUID EM completed to date (08-22)

Expect to complete all priority 1 grids and one priority 3 grid (terrace)



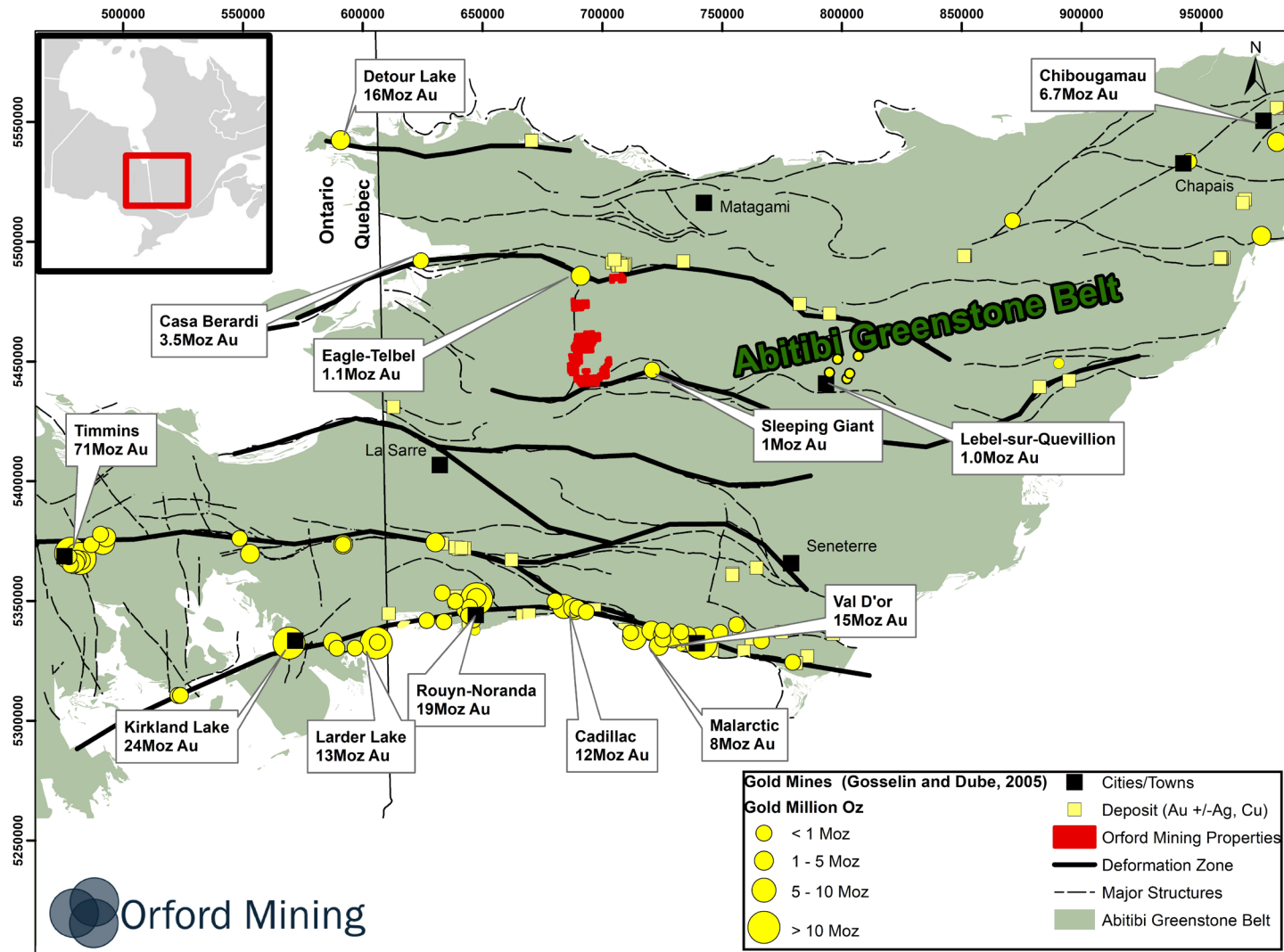
# West Raglan

Prospecting Focused off the North Trend



# Orford Moves into the Abitibi

Research and Compilation identified three properties totalling 209 sq kms in the heart of the Abitibi.



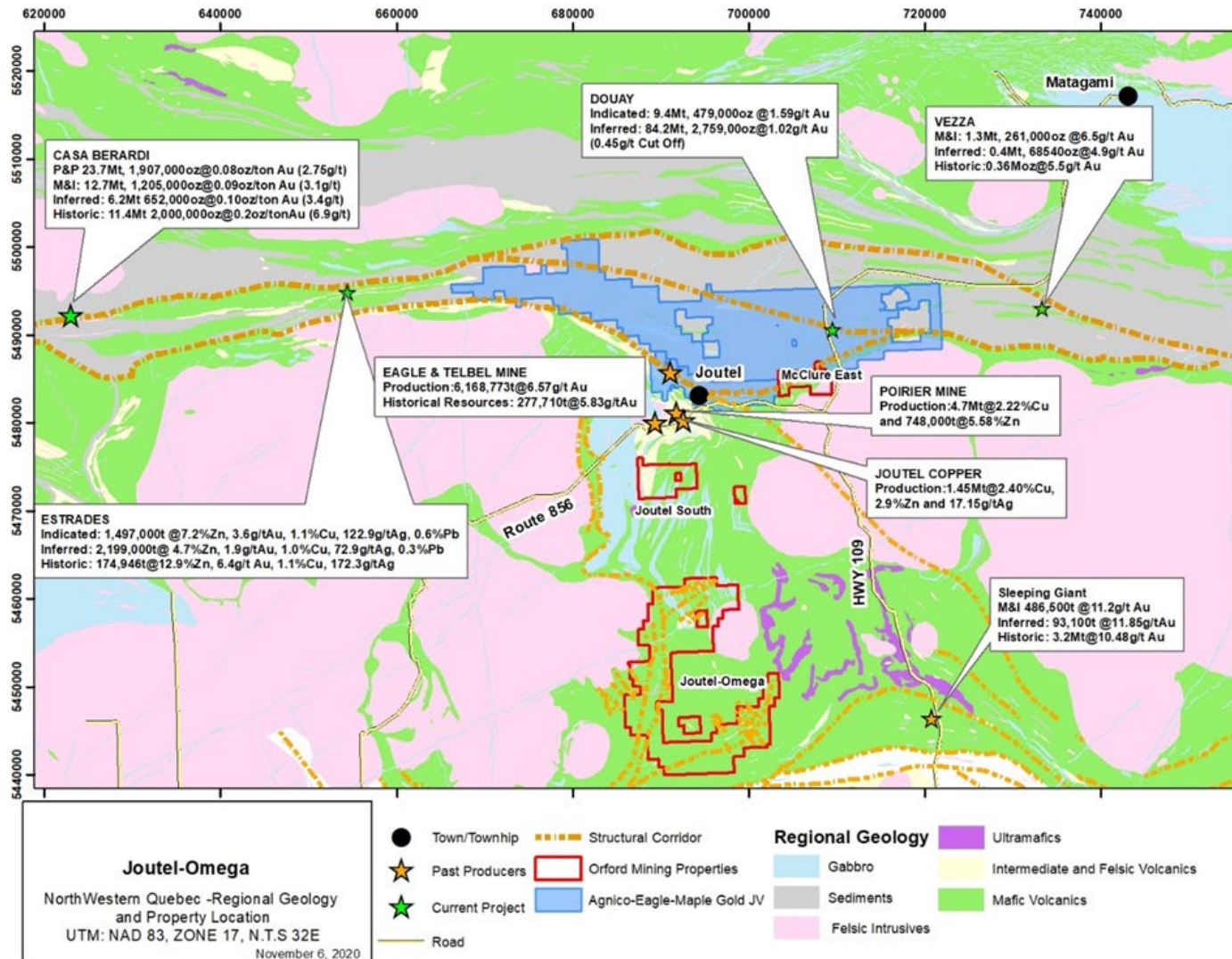
- **McClure East 100%**
  - Situated on the prolific Casa Berardi Structural Zone in close proximity to past producing Eagle –Telbel Gold Mine.
- **Joutel South 100%**
  - Situated in the Joutel Volcanic Complex just south of the past producing Eagle Telbel Gold mines, and number past producing copper mines.
- **Joutel – Omega 100%**
  - Likely one of the least explored areas of the Abitibi, situated along a number of major structures and within the Abtibi greenstone belt

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



# Joutel Area Staking Acquisitions – 209 Sq Km

Underexplored region - very accessible 100% owned Properties



- **The Joutel South Property** is at the southern underexplored extension of the Joutel felsic volcanic package that hosted both Agnico-Eagle Mines Ltd.'s founding gold mines, Eagle and Telbel, which produced in excess of 1.1Moz of gold<sup>1</sup> and a number of copper assets that have produced 244 Mlbs of copper, 116Mlbs of zinc and 52Mlbs of silver<sup>2</sup>.
- **The McClure East Property** is on the easterly extension of the Casa Berardi structural zone (south splay), which to the west hosts Hecla Mining Ltd's (HL-NYSE) Casa Berardi Mine which has produced 2Moz and has reserves of 3.4M ounces<sup>3</sup> and the nearby Douay Gold Deposit held by Maple Gold Mines (MGM-TSXV) that has 422,000 ounces in indicated and 2,532,000 in inferred resources<sup>4</sup>.
- **Joutel – Omega Property** covers the Vanier-Dalet-Priorier Group (VDP) and the Valerennes Volcanic Group (VVG). The latter is part of the Joutel-Raymond volcanic complex that hosts both Agnico-Eagle Mines Ltd.'s (TSX: AEM)

<sup>2</sup>This information from neighboring properties is not necessarily indicative of the mineralization on Orford Mining's properties.

<sup>3,4</sup>Système d'information géomineière of Québec "SIGEOM", *Quebec* Ministry of Energy and Natural Resources. April 20,2020

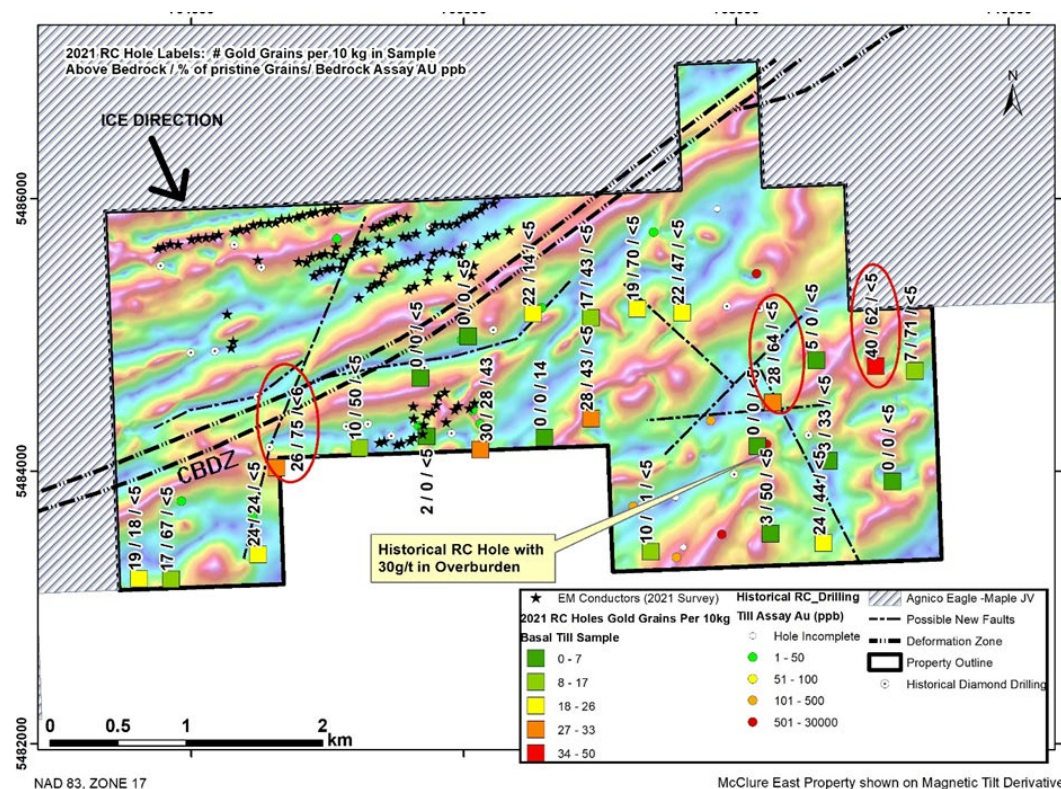


# Joutel Region Properties

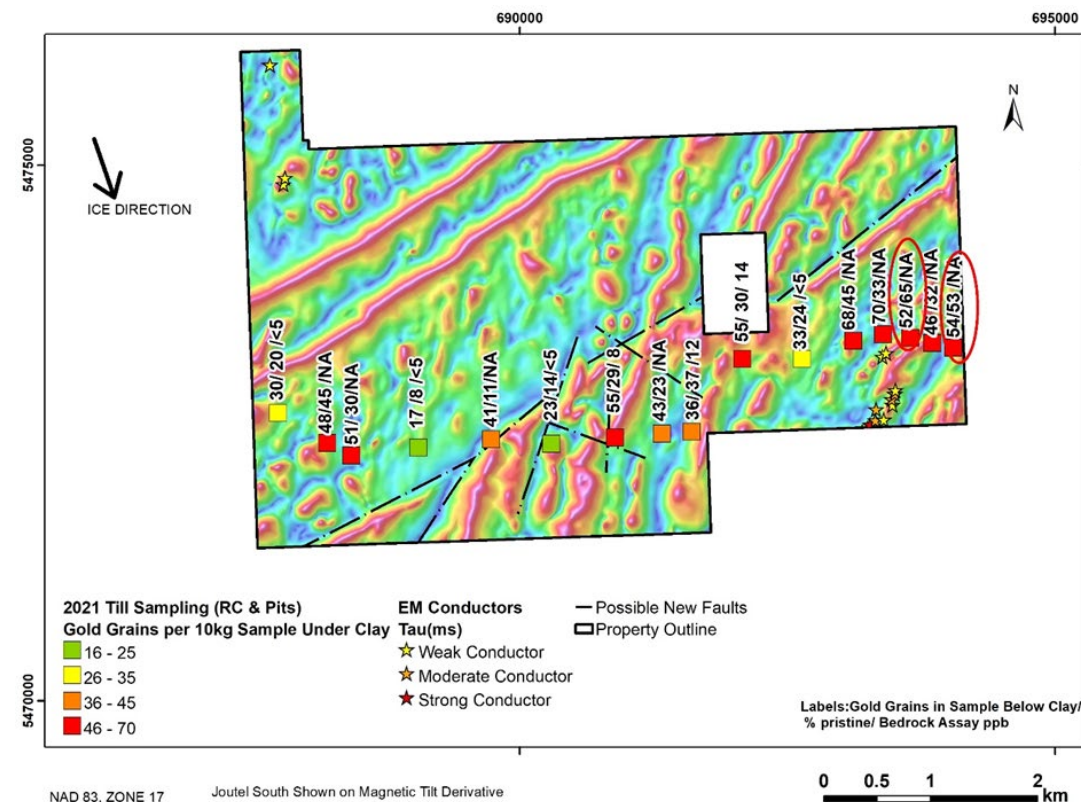
## Encouraging results on McClure East

- 9 till pits completed on Joutel South in the fall of 2020 using an excavator with gold grain counts.
- Prospectair Geosurveys Inc. performed a 1,118 line-km TDEM and Magnetic survey using the Prospector TDEM system and Geometrics G-822A Airborne Magnetometer systems. The survey was completed in January 2021 at 50 metre line spacing and covers the entire Joutel South and McClure East Properties.
- Seven RC holes on Joutel South and 25 RC holes were completed on McClure East in February and March 2021. The results will be used along with historical data and the recent airborne geophysical survey to identify drill targets.

## McClure East



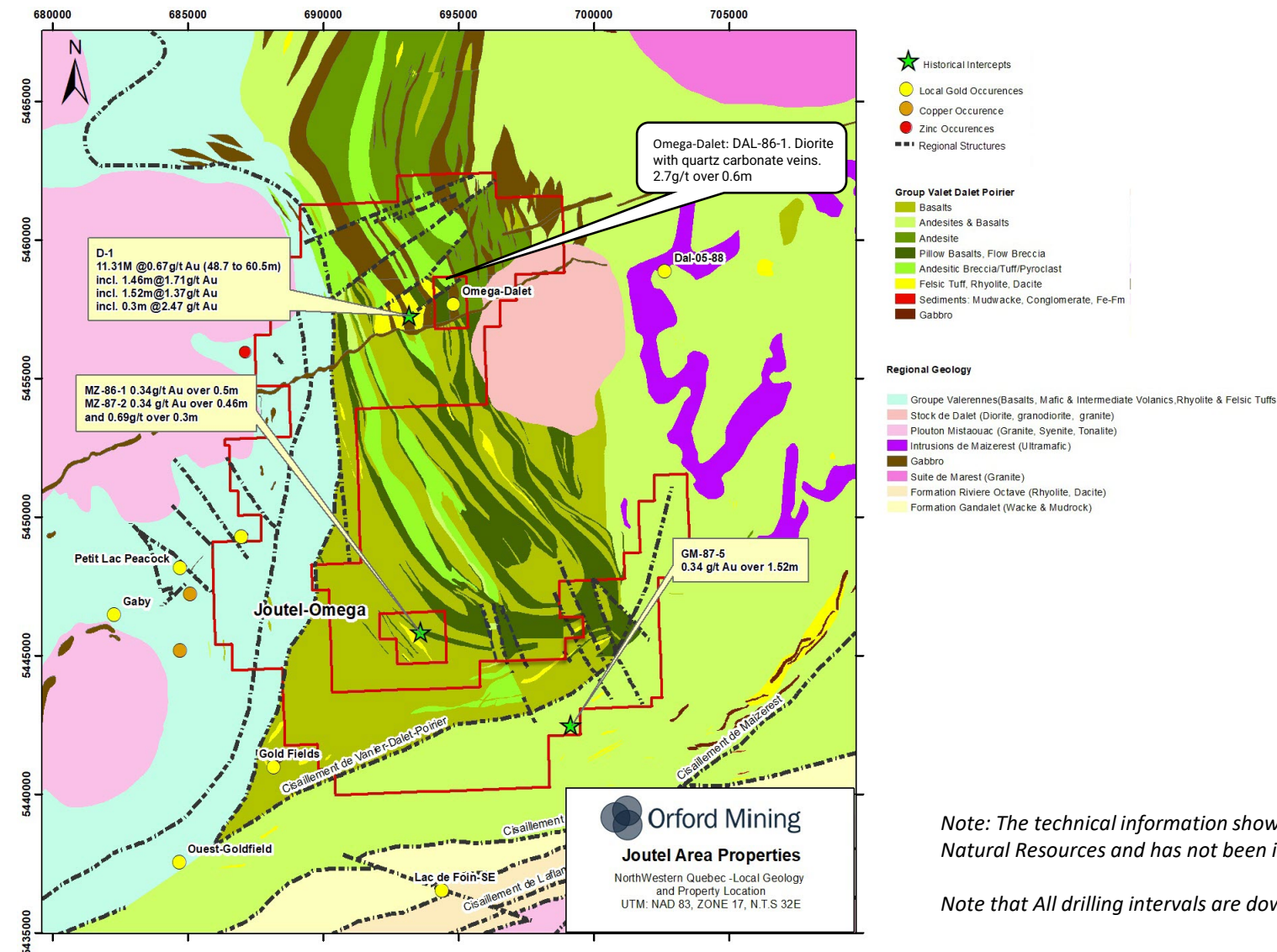
## Joutel South





# Joutel – Omega - 100%

One of the least explored areas of the Abitibi



## Joutel -Omega

- 173 km<sup>2</sup>, staked
- Historical drilling includes hole D-1 which showed several mineralized intervals of up to 11.6m of 0.67g/t Au including higher grade intervals of 1.46m of 1.7g/t Au and other similar intervals
- Compilation ongoing
- No active systematic exploration since the 1980s and mostly since the 1960s
- Property covers key structures and geology.
- The next phase of work to be proposed will likely include geological mapping, ground truthing and glacial till sampling
- An airborne geophysical survey or potentially drone mag and EM survey are likely to follow depending on results of initial work

*Note: The technical information shown was 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*

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

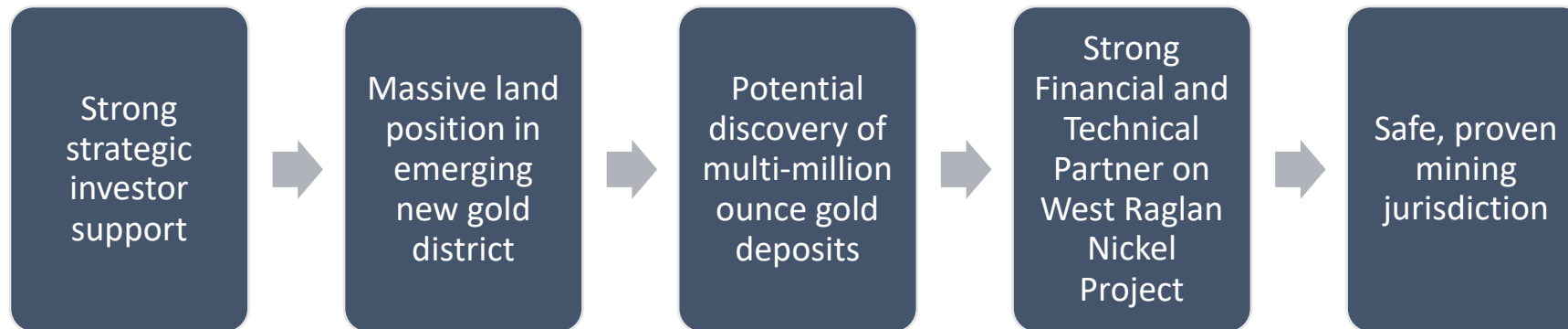
### Fostering strong relationships with government, local communities and First Nations Groups

- Orford maintains an open dialog with local communities
- Representatives of Salluit, Akulivik and Kativik Regional Gov. (KRG) have visited the site
- Working with Landholding Corporations to hire local workforce during summer exploration programs
- Inuit hiring and training in each exploration program.
- 2019, 11% 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





**Orford Mining has potentially discovered a new gold district in the highly prospective and underexplored Cape Smith Belt in Northern Quebec**



**Well-funded for Exploration programs on all five properties in 2021, with nearly \$6.0 million to be spent on exploration including earn in expenditures by Wyloo on the West Raglan Ni-Cu-PGM Property**

# THANK YOU!



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