



First Class  
Metals

# Investor Presentation – Q1 2024

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# Corporate and Operational Overview



First Class Metals PLC (“FCM”) achieved a Standard Listing on The London Stock Exchange in late July 2022.

FCM is focused on exploring its ‘big four’ properties for precious (Au/ Ag) and base metals (Li / Ni).

Held through its subsidiary, First Class Metals Canada Inc., the properties are located within highly mineralised and prospective Greenstone Belts in north west Ontario.

Included within the flagship North Hemlo property is an Earn-In-JV with Palladium One Inc., on the West Pickle Lake ‘WPL’ nickel-copper sulphide Project.

- Late in 2022 FCM signed an Option to Purchase agreement over the historic high-grade Sunbeam mine in northwest Ontario.
- In March negotiations were concluded for the Option (JV) Agreement over a hard rock lithium project also in northwest Ontario.
- In May FCM signed an Option-cum Earn in Agreement with OnGold on a property contiguous to North Hemlo, in the WPL area.

FCM was been actively exploring the big four properties during the 2023 field season. Over winter exploration activities (lake sediment sampling) encompassed a further three properties.

**The FCM business model is to explore, identify potential, de-risk, add value, and monetise discoveries by incorporation of third parties’ investment.**

# Board & Management Team



## MARC J. SALE CEO and EXECUTIVE DIRECTOR

Marc is a corporate professional who has specialised in natural resources, specifically precious and base metals, with a focus on gold, for over 25 years. He has worked on project assessment, exploration and development in Africa, the Americas, Europe, and Australasia. Marc has held technical directorships for several listed and private companies, past and present including Brancote PLC, Gold Mines of Sardinia, Patagonia Gold PLC and Landore Resources PLC. He has been integral in significant discoveries, involved through to Feasibility which have in instances advanced to production in Australia, Canada and Argentina including the multimillion-ounce discovery at Esquel and Cap Oeste. As a 'Competent Person' he is accomplished in preparation of Company reports and overseeing JORC/ NI43-101 reporting as well as the delivery of presentations to investors, institutions and shareholders.

## JAMES KNOWLES – EXECUTIVE CHAIRMAN

James is a corporate professional who has enjoyed a twenty-five-year career in the financial sector, primarily focused in debt funding for larger Real Estate projects for Barclays Bank Plc. James is a seasoned resource company investor and has consulted to several London and Canadian junior-listed resource companies on investor relations, public relations and social media marketing activities.

## MARC BAMBER – INDEPENDENT NED

Marc is a Global Corporate Financier, with over 20-years' experience in the Hedge Fund Sector, Capital Markets, Private & Institutional Investments, Investor Communications & Marketing. Marc was a core member of the multiple award-winning RAB Special Situations Fund that delivered net returns of 50x to investors with circa. US\$2.8Bn in Assets Under Management (AUM) in just under five years. Marc is very active in the international markets and works with a number of Toronto & London-Listed companies in senior management roles.

## ANDREW WILLIAMSON INDEPENDENT – NED

Andrew qualified as a lawyer in 1990 and has worked in the corporate field throughout his career.

As a corporate partner, he advised on corporate and capital market transactions, both debt and equity. He has substantial experience of listings on the major stock markets around the world. He also has extensive experience of public and private corporate transactions and the creation of domestic and international investment funds.

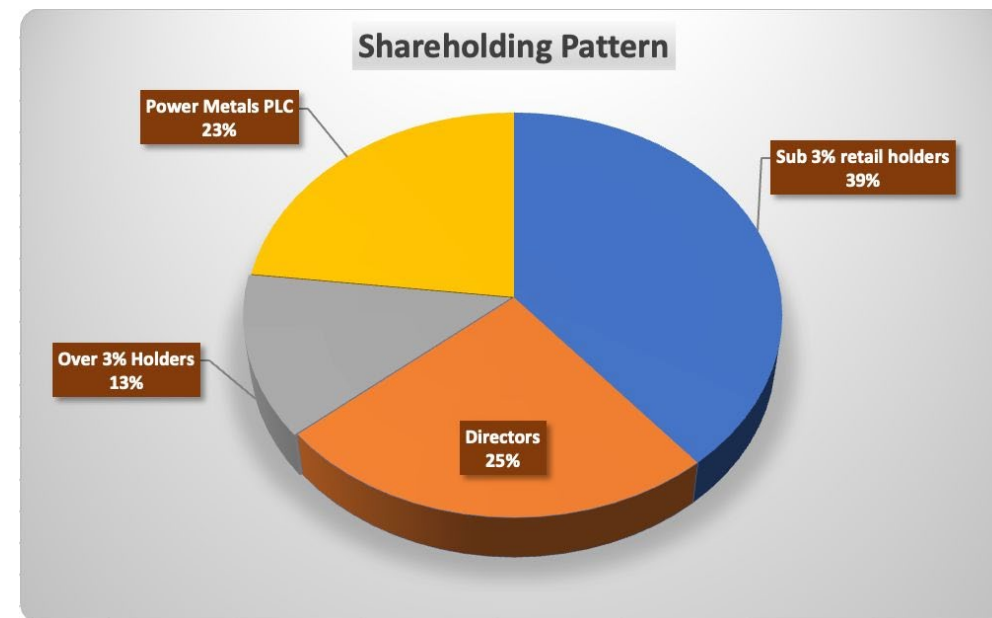
A former institutional corporate stockbroker, nomad, and sponsor to the Full List, he is known to use his extensive commercial experience to assist his clients with their legal issues. He has been recognized as a recommended lawyer by legal 500 in the private acquisition and merger (sub £100m) category and in the debt capital market category.

## DIRECTOR – AYUB BODI

Ayub was the co-founder of First Class Metals Ltd with James Knowles in 2021

# Share Capital Structure

Holder	Shares Held	Percentage Ownership
Power Metals PLC & Power Metals Canada Inc	19,033,802	23.24%
James Knowles (and family)	10,149,257	12.39%
Ayub Bodi (and family)	10,149,257	12.39%
Asif Bodi	3,655,667	4.46%
Afzal Valli	3,599,635	4.40%
James Huddleston	3,428,571	4.18%
Others, with sub <3% holdings	31,870,105	38.91%
<b>Total in Issue @ 29<sup>th</sup> June 2023</b>	<b>81,886,294*</b>	



Fundamentals	
Shares on issue	81,886,294
Warrants outstanding	2.85M
Market Capitalisation (@10.5p)	~£8.5M
52 week high and low	16.00 – 05.55
Highest daily volume (09/03/23)	1,882,506

Directors Holdings	Shares Held
James Knowles	10,149,257
Ayub Bodi	10,149,257
Marc Sale (held in the name of Specialist Services Ltd)	375,000
Marc Bamber (held in the name of Buffalo Associates Ltd)	377,965

\*Directors Ayub Bodi and James Knowles have each loaned the company 5,995,332 shares. This share loan will be repaid when the company holds sufficient 'headroom' to do so. The above percentages assumes the return of the stock

# Why Canada?

## First Class Projects...



**The Hemlo 'camp' is a proven world class address for gold /VMS exploration**

This geological terrane has significant producing mines, both base / precious metals and a prolific number of exploration projects and prospector's 'showings'.

Notably, apart from the **23M oz Hemlo deposit**, the areas discovered gold endowment is uncharacteristically low.

In other Archean terranes, such as the Siguiri of West Africa, a greenstone belt hosting a >10M oz deposit would host several additional >1Moz deposits.

**FCM is focused in NW Ontario** and commands a large **land package >300km<sup>2</sup>** with excellent and now proven **nearology and vectors** from neighbours. The 'core five' properties are drill permitted.

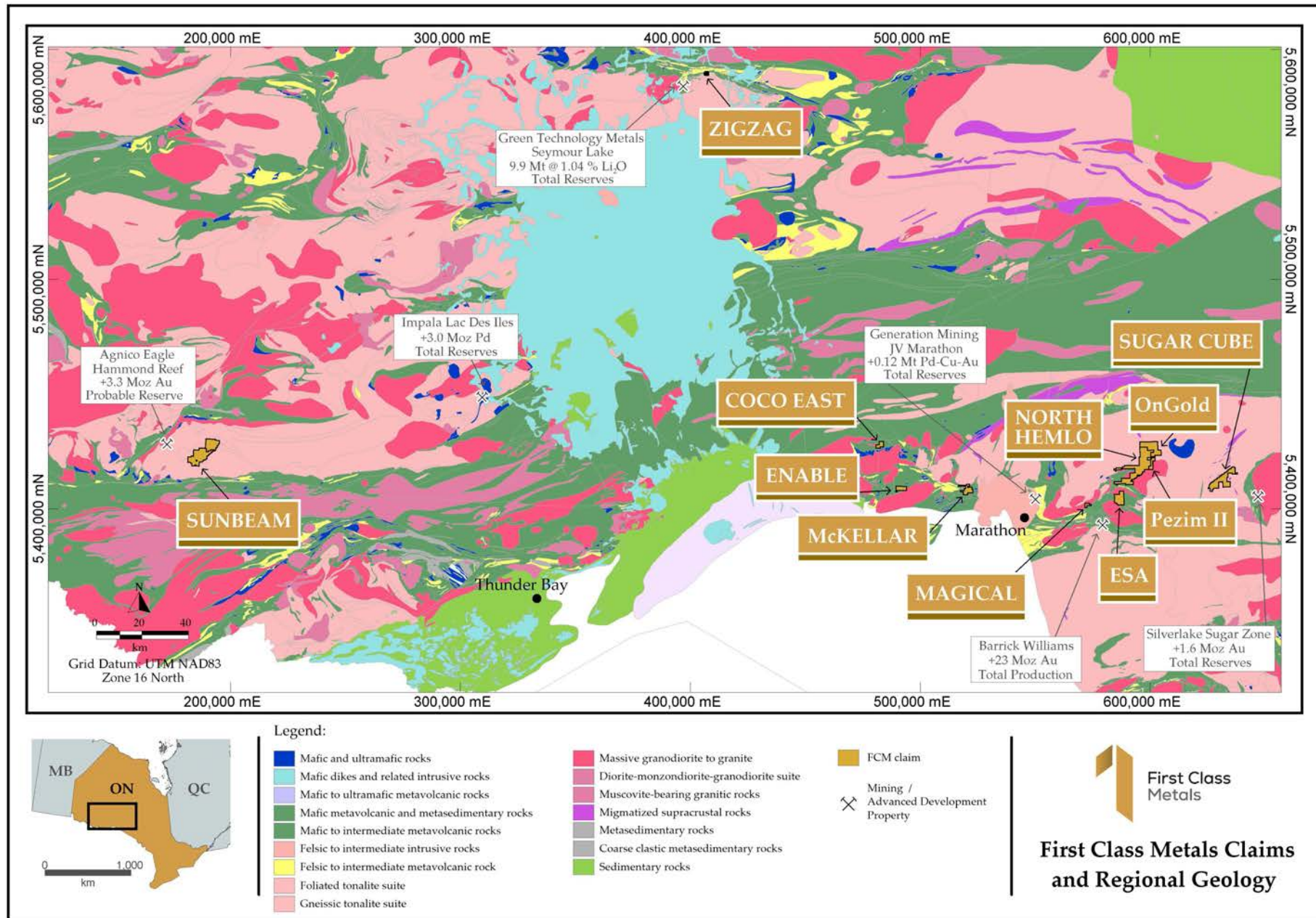
**There are currently six active Exploration Permits**

- **Controls 10 claim blocks and holds 100% ownership of 7 claim blocks covering over 175km<sup>2</sup>**
- North Hemlo property / OnGold- contains significant gold occurrences as well as drill-proven nickel-copper sulphides of significant grades. **Drill Permitted**
- Hard rock Zigzag, lithium prospect. **Drill Permitted**
- Option to Purchase agreement on the historic Sunbeam gold mine, as well as extensions. **Drill Permitted.**
- Esa and McKellar blocks host compelling geological (geochemical) targets. **Drill Permitted.**

**The stated aim of the 2023 field season was to advance 4 properties to drill ready status with the aim of drilling at least one property this season.**



# First Class Projects...



The successful 2023 Field Season has advanced four of the 'core' properties towards drill ready status.

# 'North limb' district

World class region, First Class prospects



The North Hemlo block is located in the north limb of the **Hemlo greenstone belt**. The volcano-sedimentary rocks occur in an antiformal pattern, mimicking the 'southern limb' hosting the 23M oz Barrick Hemlo (Williams) gold mine.

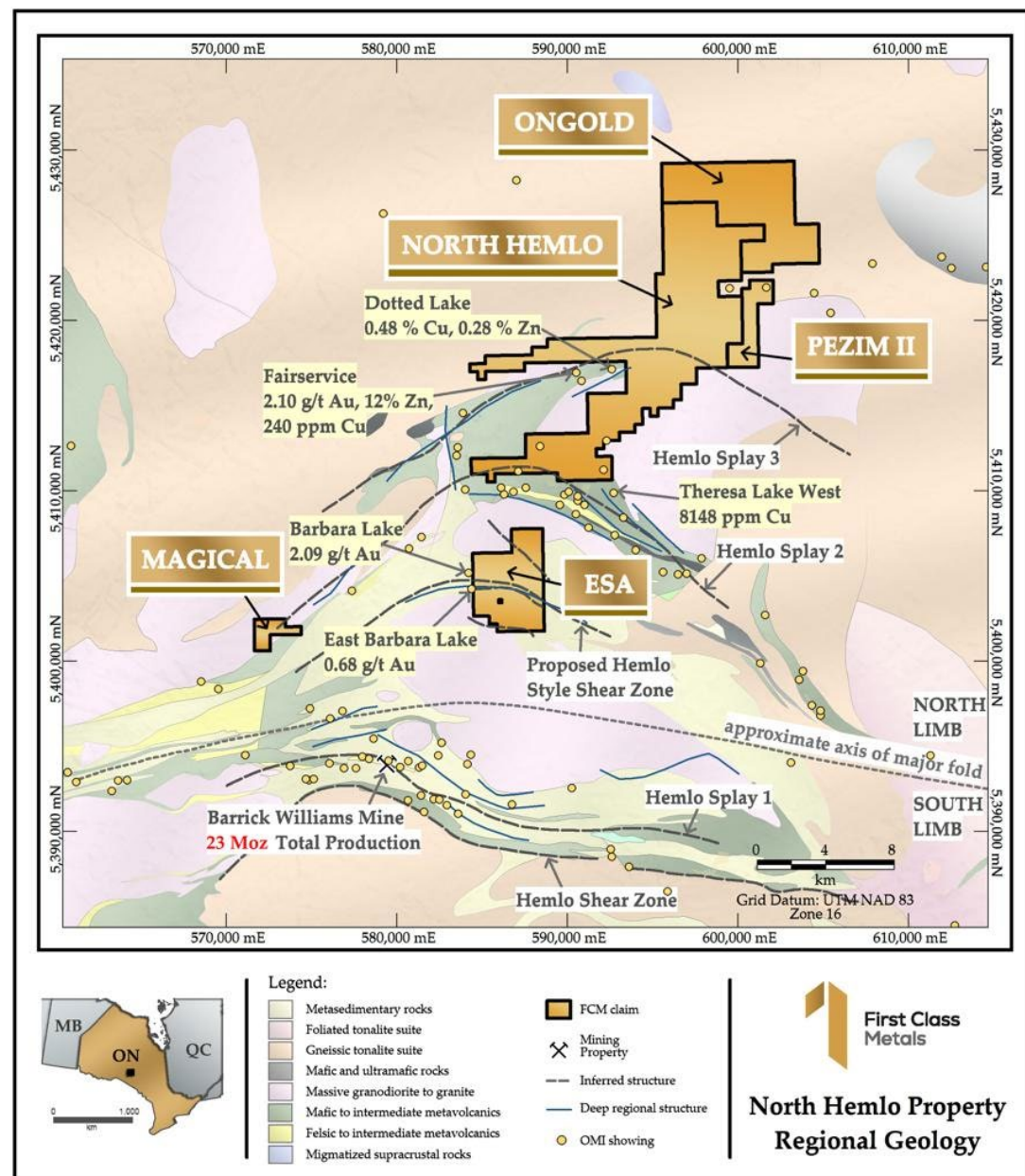
**Three parallel mineralised trends**, potentially occupying shears, have been identified north of the Hemlo gold trend, the 'north limb'.

The **North Hemlo and Esa** properties are situated in an extremely prospective geological setting, as three of these inferred shears pass through the claim blocks, (note one also passes through **Magical**).

Encouraging historic 'showings', existed on both properties or on structures interpreted to continue on to the property.

## Including:

- Dead Otter lake
- West Pickle Lake on Pezim II;
- Dotted Lake / Fairservice;
- East Barbara Lake.
- Magical – the Valley float





# North Hemlo

Flagship property with precious and base metal potential

The Flagship North Hemlo property historically comprised of three claim areas: the addition of the Hemlo north block, acquired from Power Metals Plc., brought North Hemlo together as one cohesive block.

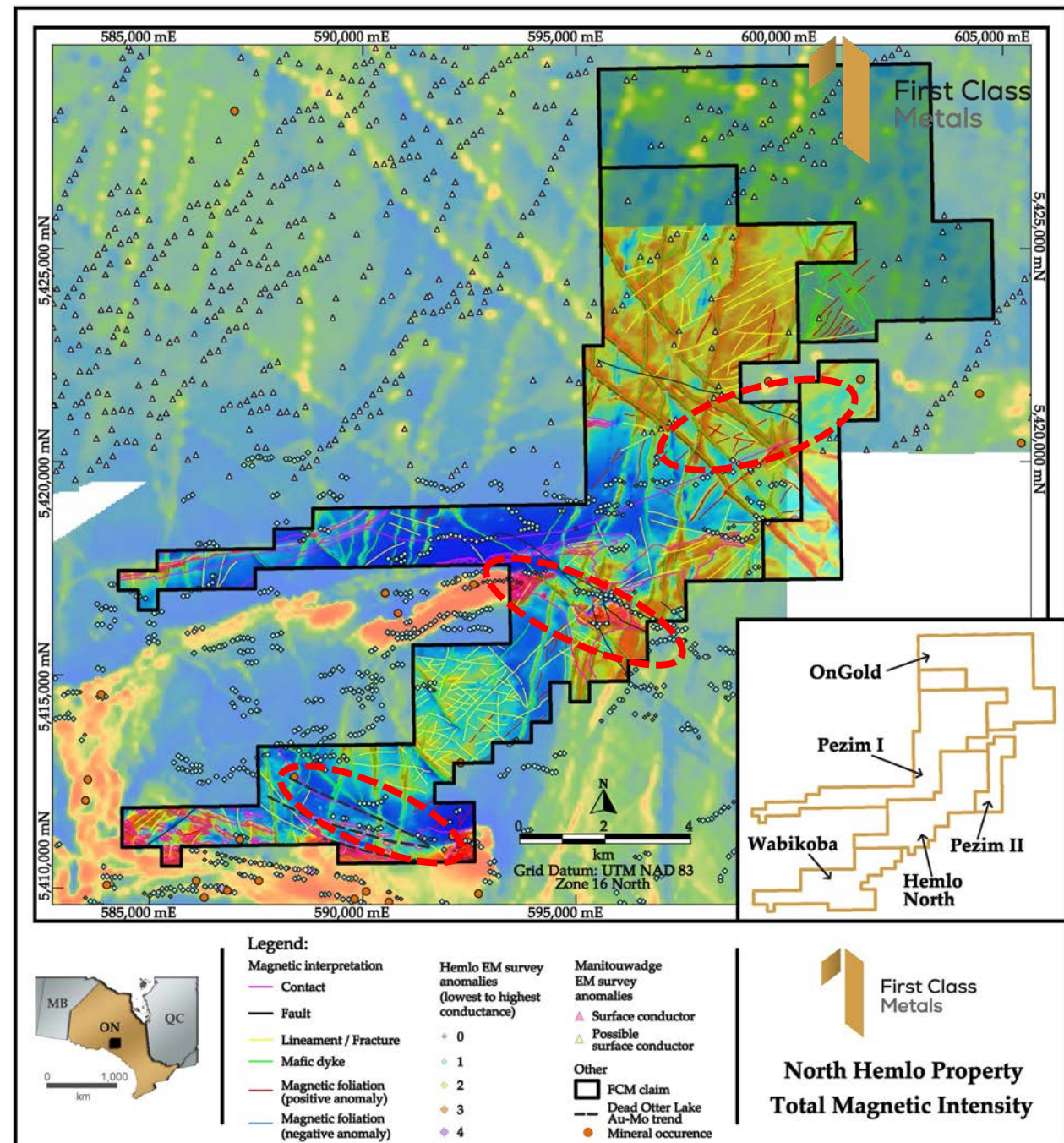
The entire property now extends across 448 claims covering ~98km<sup>2</sup>.

There were limited historical showings on the Nhemlo property, the most important being the gold / molybdenum showing at Dead Otter Lake.

The geology / geophysical signature of **the Dotted Lake / Fairservice prospect** continues onto the North Hemlo block.

High definition magnetic survey of over 4,000 line km has shown that there are additional linear anomalies that require further exploration, especially where intersected by N-S and NW-SE structures.

The property area has been extended by 34.5km<sup>2</sup> with the sign in Agreement with OnGold which is contiguous to the north.



FCM has, after consultation with the relevant FN groups submitted and has been granted an Exploration Permit to allow stripping and trenching on a number of prospective sites across the property.



# North Hemlo

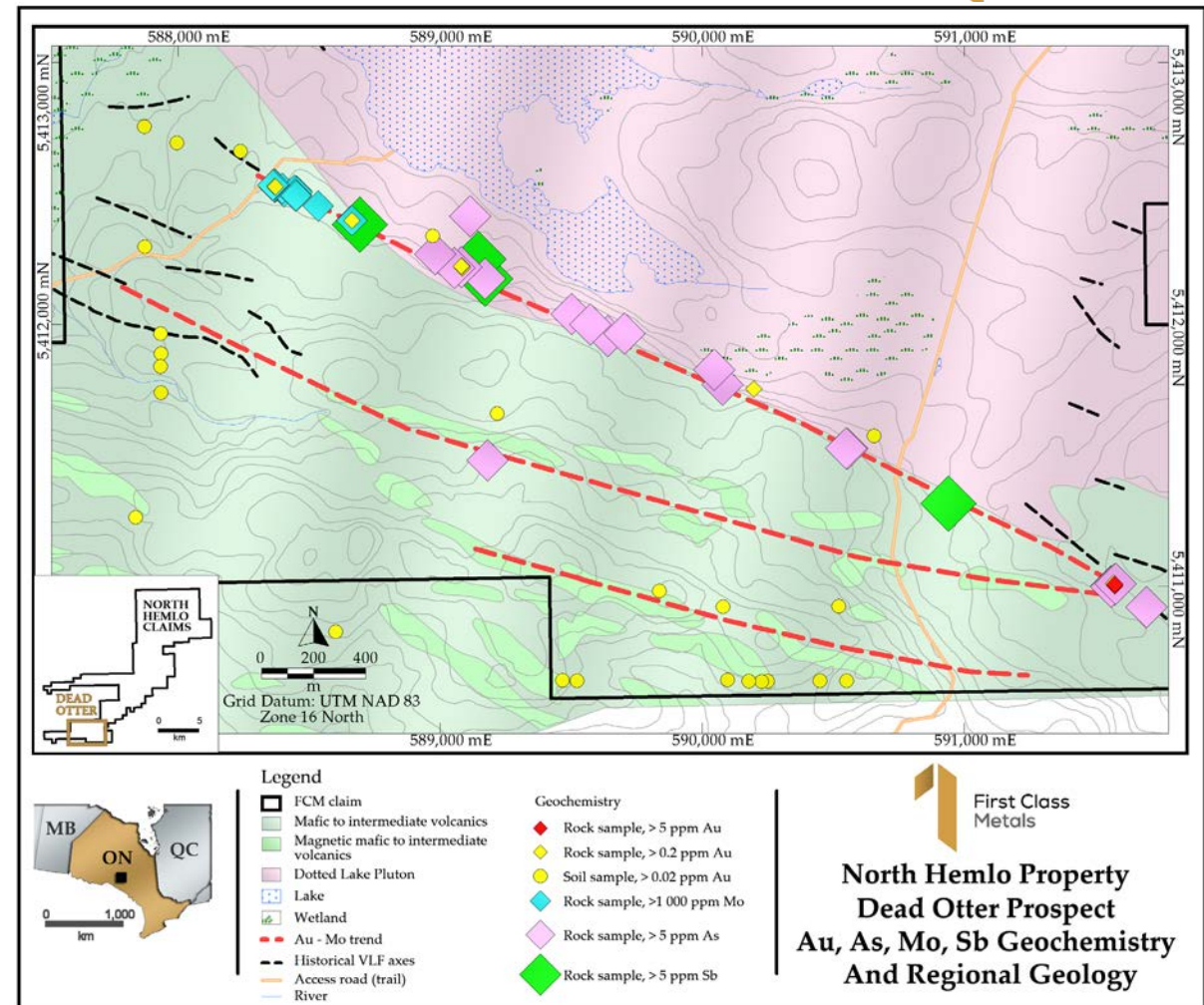
Flagship property with precious and base metal potential



Sampling of the 'Dead Otter Lake trend' has extended anomalous Au/Mo mineralisation intermittently for >3km to the south-east from the historic showing (3.1ppm Au, 0.59%Mo).

Zone reports robust anomalism In other significant 'pathfinder' elements

The mineralised structure closely mimics the granite contact.





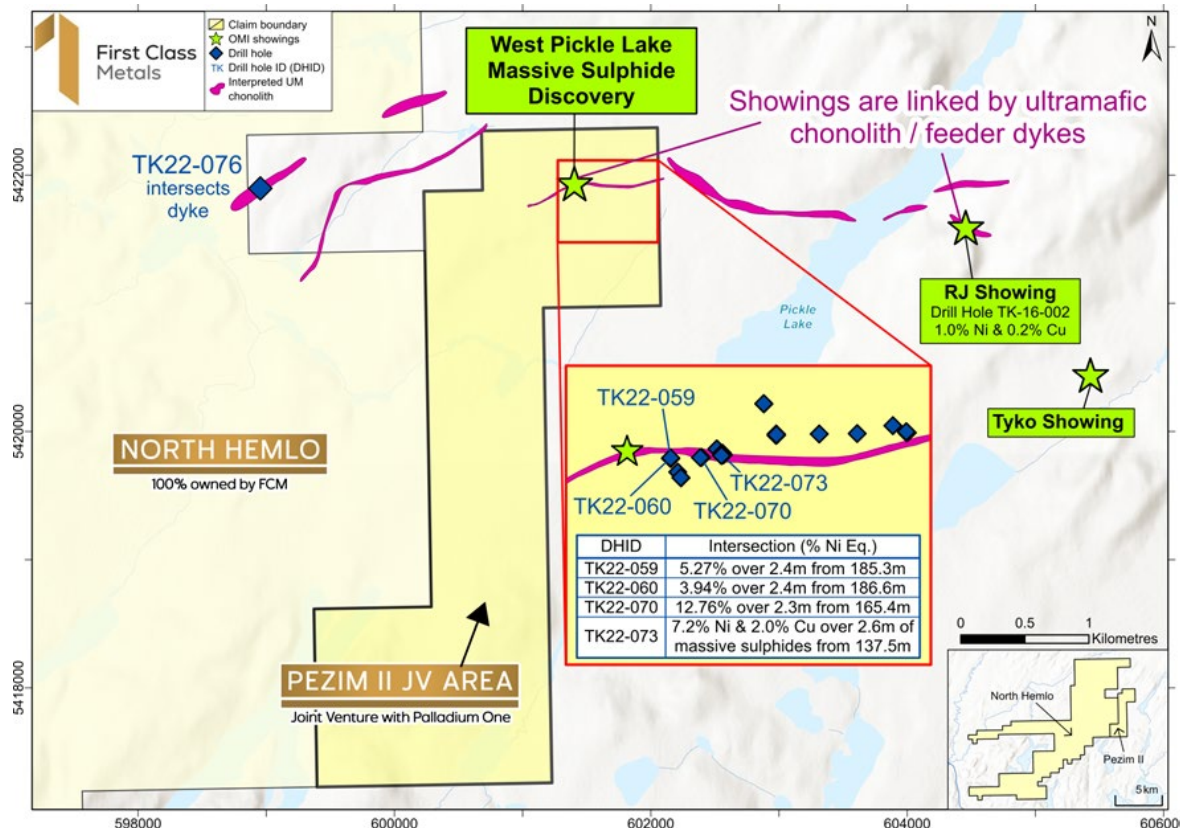
# North Hemlo

Flagship property with precious and base metal potential



The JV – Earn-in with Palladium One signed in mid 2022, (covering only 6.9km<sup>2</sup> – 33 claims) has significantly enhanced the base, battery and critical metal potential of the block. Our partner's work, through VTEM, follow up soil sampling, drilling and ground EM is enhancing WPL's potential

Initial results returned narrow higher grade Ni-Cu assays with the latter drill holes showing wider if lower grade zones.



Hole	From (m)	To (m)	Width (m)	Ni %	Cu %	Co %	TPM g/t (Pd+Pt+Au)	Pd g/t	Pt g/t	Au g/t
TK22-059	184.0	187.7	3.7	2.33	1.85	0.06	0.45	0.21	0.21	0.03
	185.3	187.7	2.4	3.49	2.73	0.09	0.64	0.30	0.30	0.04
	185.3	187.0	1.8	4.79	3.67	0.12	0.87	0.41	0.41	0.05
	185.3	185.9	0.6	8.21	1.60	0.24	1.62	0.80	0.79	0.03
TK22-060	183.7	196.3	12.6	0.72	0.34	0.02	0.14	0.06	0.06	0.02
	184.3	189.0	4.7	1.77	0.63	0.03	0.27	0.12	0.12	0.03
	186.6	189.0	2.4	3.18	0.99	0.06	0.39	0.18	0.19	0.02
	188.0	188.5	0.5	7.60	1.25	0.12	0.41	0.18	0.20	0.03
TK22-070	164.6	174.7	10.1	2.47	0.99	0.04	0.27	0.14	0.10	0.02
	164.6	168.4	3.8	6.42	2.40	0.09	0.64	0.35	0.25	0.04
	165.4	167.6	2.3	10.41	3.40	0.14	0.92	0.53	0.34	0.04
	165.4	167.1	1.7	12.58	2.49	0.17	0.94	0.60	0.30	0.04
	165.4	166.3	0.9	12.90	2.70	0.16	1.05	0.67	0.34	0.04
TK22-072	149.0	153.1	4.1	2.05	0.89	0.04	0.36	0.11	0.22	0.03
	150.4	153.1	2.7	3.08	1.18	0.07	0.45	0.14	0.29	0.02
	151.7	153.1	1.5	5.33	1.48	0.12	0.67	0.17	0.48	0.02
	151.7	152.3	0.7	7.39	2.22	0.16	0.95	0.24	0.69	0.03
TK22-073	137.5	140.1	2.6	7.19	2.01	0.10	0.56	0.32	0.20	0.05
	137.5	139.3	1.8	10.32	2.88	0.15	0.80	0.46	0.27	0.07
	138.5	139.3	0.8	11.90	0.98	0.16	0.64	0.33	0.26	0.05
TK22-074	148.9	150.8	2.0	3.94	2.50	0.05	0.55	0.36	0.17	0.02
	149.9	150.8	0.9	8.14	2.84	0.11	1.05	0.71	0.31	0.03
TK22-114	116.6	144.8	28.2	0.65	0.38	0.01	0.08	0.03	0.04	0.01
	117.6	138.8	21.2	0.84	0.49	0.02	0.10	0.04	0.05	0.01
	117.6	120.8	3.2	2.05	0.61	0.04	0.12	0.06	0.05	0.01
TK22-116	137.0	145.0	8.0	1.49	0.71	0.02	0.30	0.11	0.04	0.14
	137.0	140.0	3.0	3.87	1.71	0.06	0.76	0.29	0.10	0.37
	137.0	138.0	1.0	10.01	4.47	0.14	2.13	0.82	0.22	1.09
TK22-118	101.0	128.0	27.0	0.43	0.26	0.01	0.06	0.03	0.03	0.01
	107.0	123.0	16.0	0.58	0.36	0.02	0.09	0.04	0.04	0.01
	115.0	116.0	1.0	2.03	0.73	0.04	0.09	0.04	0.05	0.01

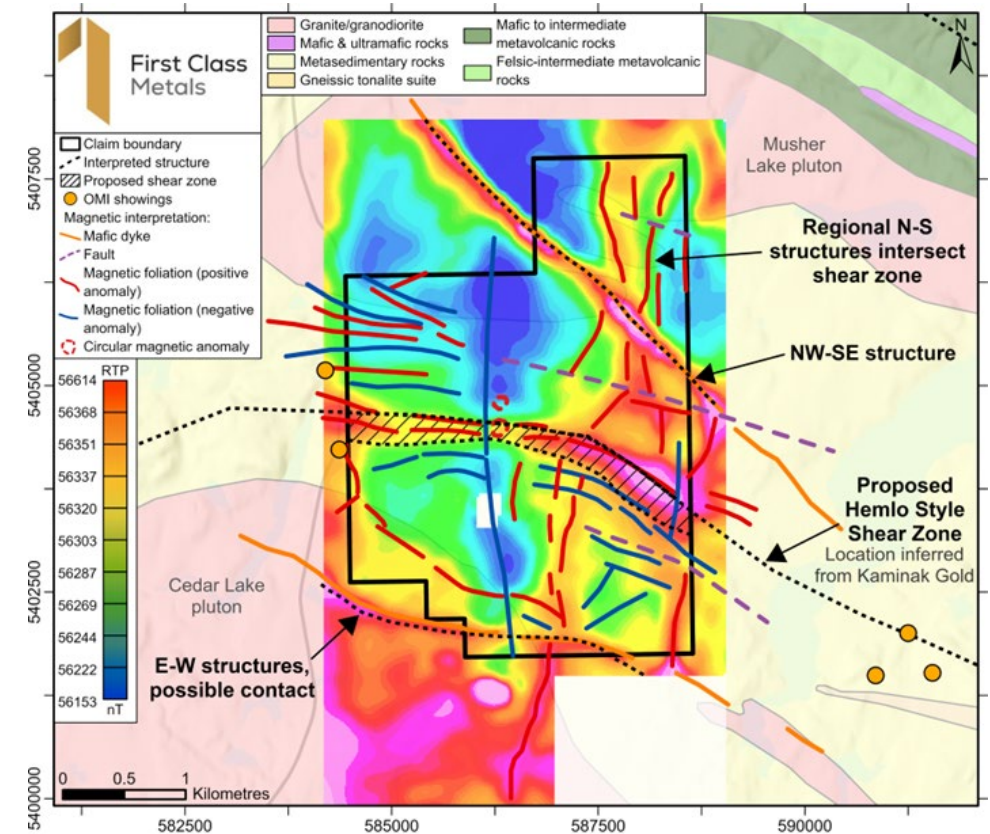
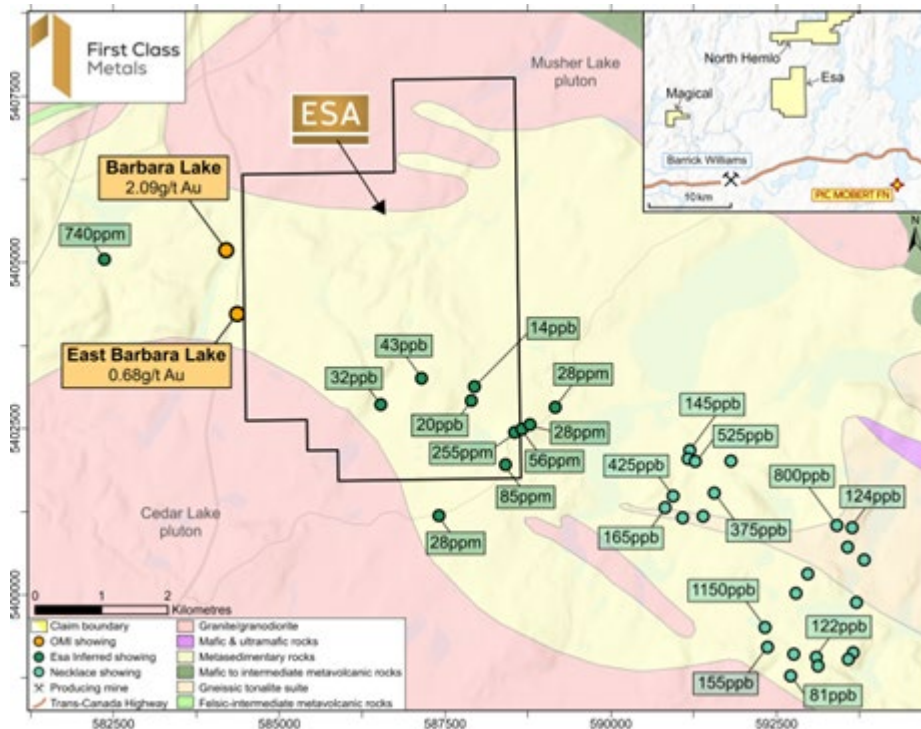
The drilling at WPL by Palladium One has demonstrated that the high grade nickel-copper sulphide occurrence holds potential to be extended both east towards their RJ showing as well as west close to or onto the 100% owned FCM North Hemlo property.



The Esa property, of 86 claims, covers ~20.6km<sup>2</sup>, and is located ~11km northeast from the Barrick Hemlo gold mine

**This property is Permitted for drilling.**

The property sits between the Cedar Lake Pluton and the Musher Lake Pluton: mineralisation is often found associated with the contacts or structures associated with the intrusive event.



An inferred arcuate structure interpreted as a **shear zone** that runs roughly west to east, transecting the property.

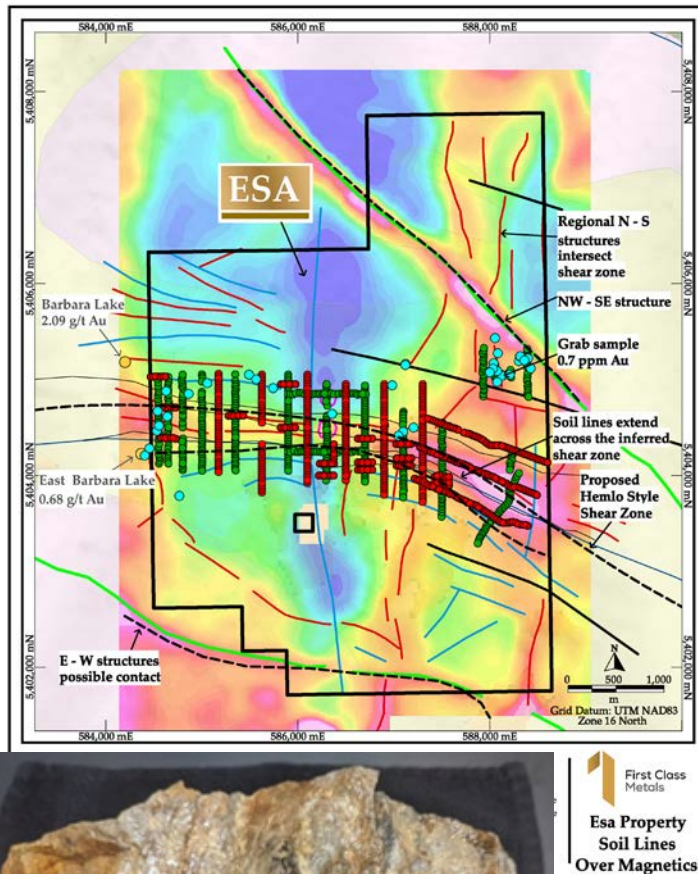
The inferred shear was confirmed by the reinterpretation of a mag/VTEM survey.

There are a number of N-S and NW-SE structures identified in the geophysics which are often associated with mineralisation.

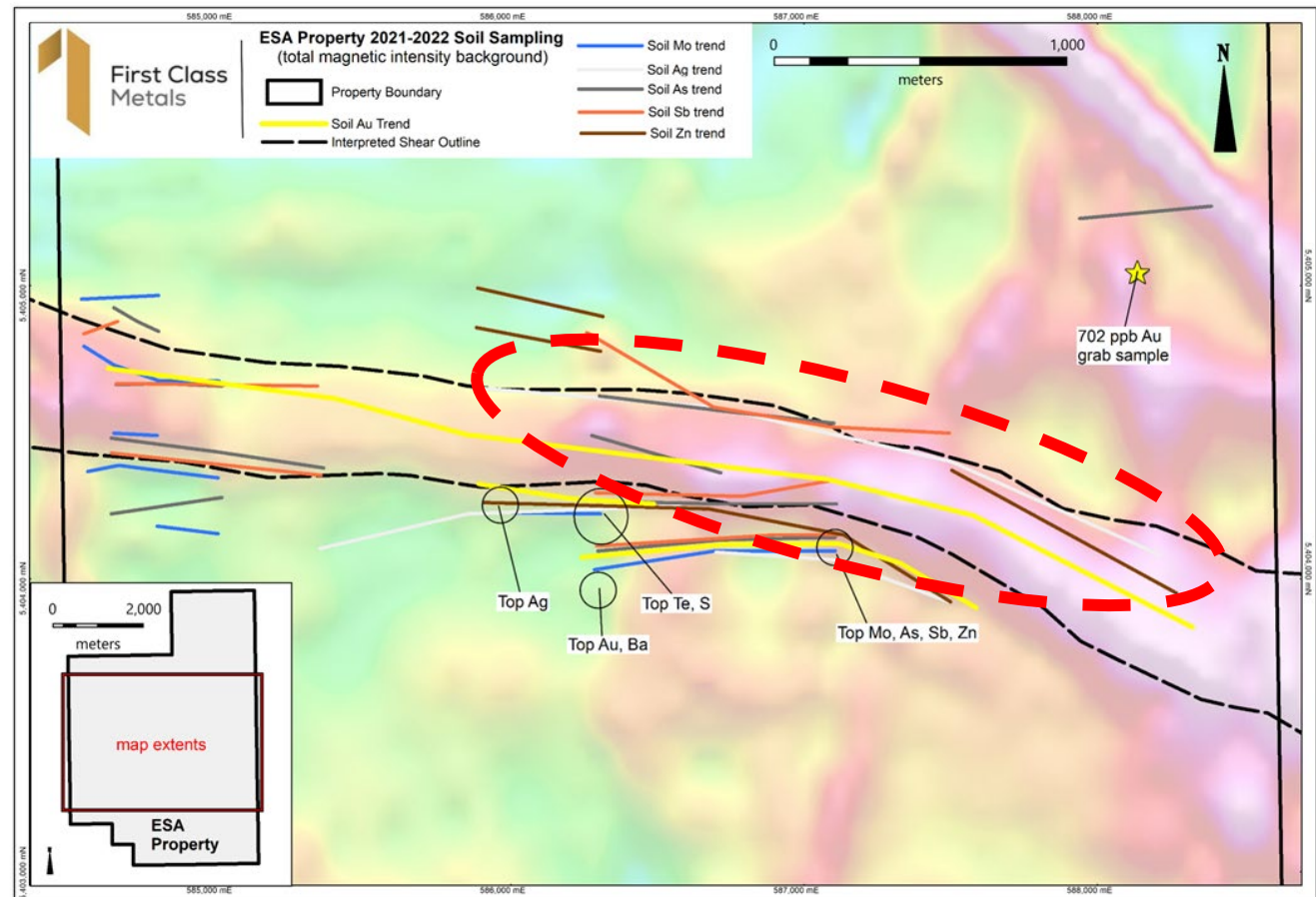
The 2023 field season conducted a significant soil sampling programme of over 500 samples, as a follow up on anomalous soil results generated in 2022.

## This Property is Permitted for stripping and drilling

Ground reconnaissance has located outcrops of sheared material as well as identifying 'Hemlo north limb' rock in boulders which returned anomalous values, up to 0.7ppm Au.



Rock sample from a boulder on Esa reported 0.7ppm Au



The soil sampling results are encouraging showing anomalous trends subparallel to the shear and higher values where roughly north striking structures intersect the shear. Future work is intended to include trenching in the 'boulder' location as well as follow up on the anomalous soil result in the shear zone, with the intention of identifying drill targets .



# Zigzag prospect

## Hard rock lithium prospect



The 6-unit claim group covers the historic Tebishogeshik lithium occurrence as well as other mineralized sites. The pegmatite historically was reported to be > 800m in length and up to 18m thick. The occurrence is open along strike and to depth and remains to be fully evaluated. The Seymour Lake development of Green Technology Metals is less than 20km to the west.

Whilst the **Zigzag prospect is fully permitted for stripping, trenching and drilling**, there was no formal agreement with the Whitesand First Nation. FCM has now entered into an Early Exploration Agreement (EEA).

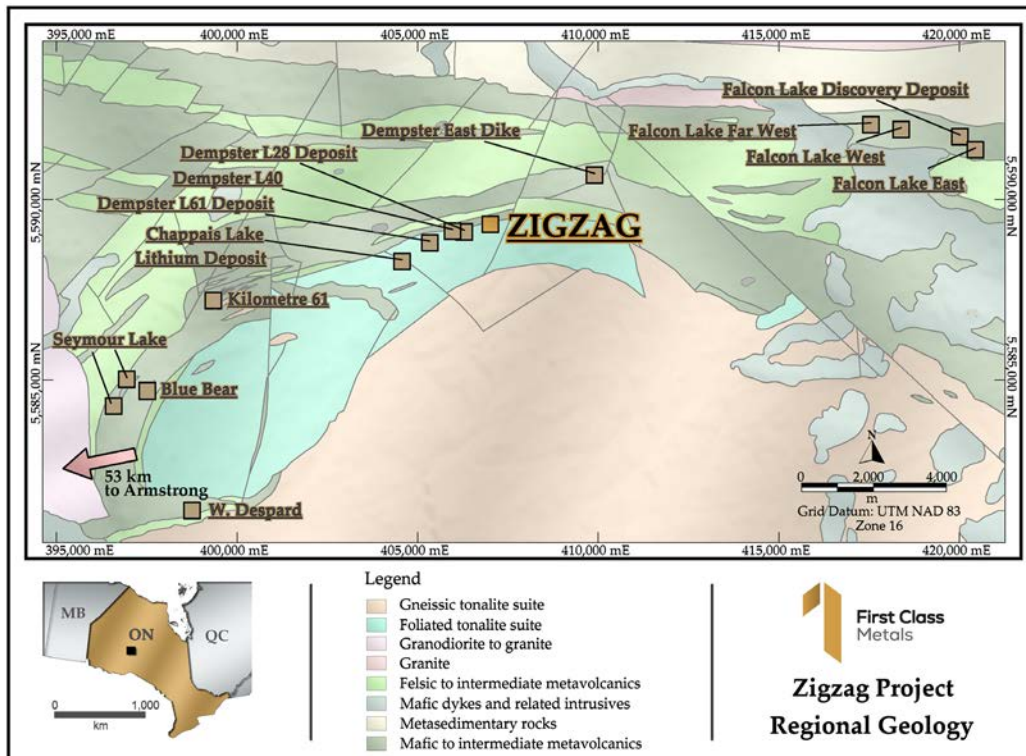
Historically reported surface sampling values have  $\text{Li}_2\text{O}$  and  $\text{Ta}_2\text{O}_5$  mineralization along the entire length of the showing, grading up to 1.68%  $\text{Li}_2\text{O}$  over 7.9m and 0.168%  $\text{Ta}_2\text{O}_5$  over 2.54m in separate samples.



ABOVE: pegmatite outcrop with large spodumene crystals



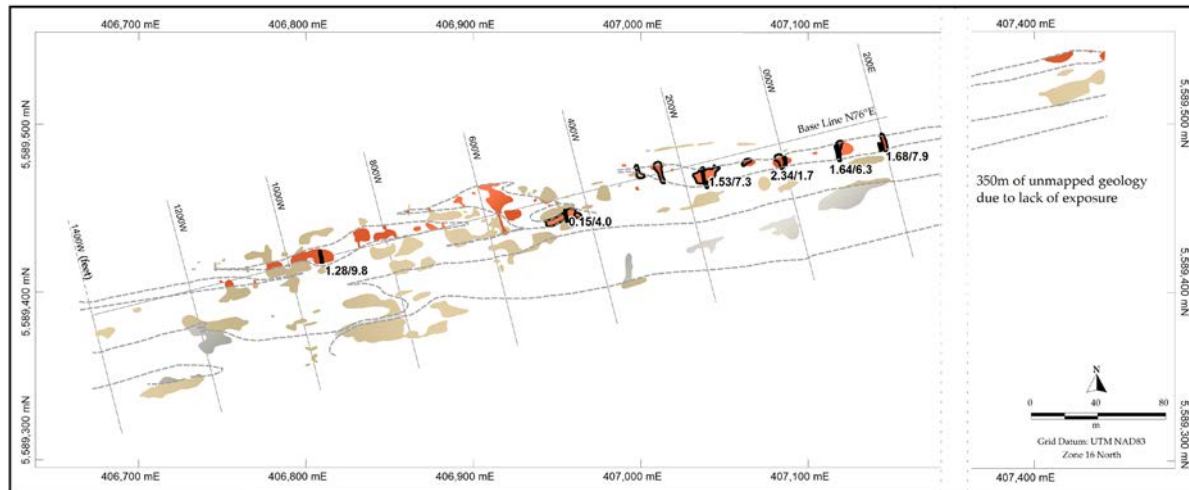
RIGHT: Grab sample from showing significant spodumene crystals





# Zigzag prospect

## Hard rock lithium prospect

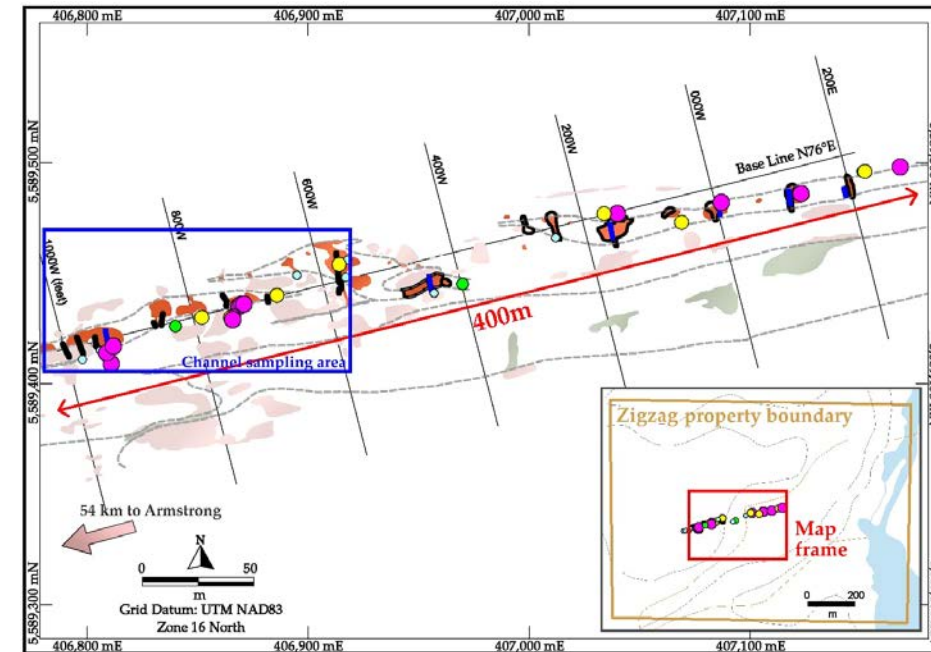


Several shallow historic drill holes along the occurrence have returned significant lithium intersections:

Including an intersection grading 1.08%  $\text{Li}_2\text{O}$  over 6.1m from 12.45m and a separate intersection of 399.8ppm  $\text{Ta}_2\text{O}_5$  over 2.92m from 15.50m).

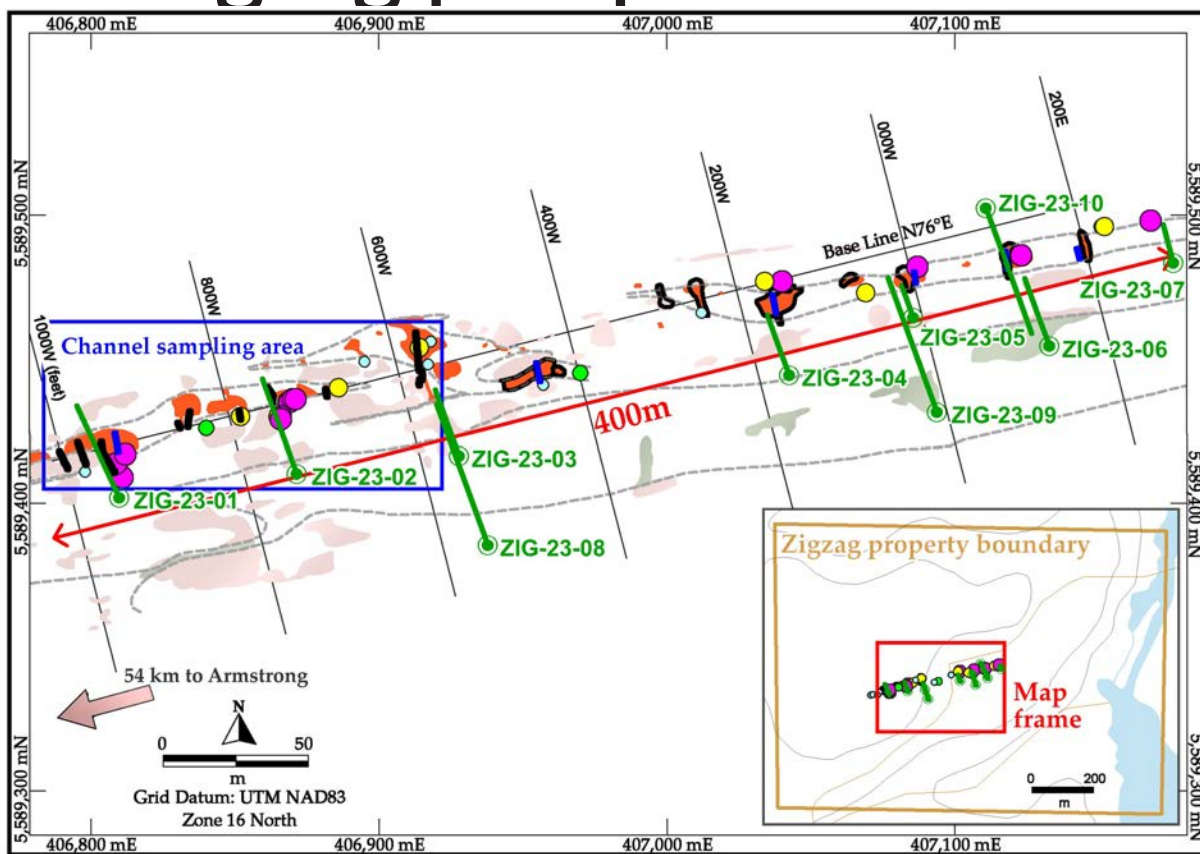
Results from 39 grab samples are very encouraging: there are 19 samples reporting over 1%  $\text{Li}_2\text{O}$  and a further 3 samples over 0.5%  $\text{Li}_2\text{O}$  defining almost 400m of strike of >1%  $\text{Li}_2\text{O}$  in the central portion of the property. The structure remains open along strike in both directions.

Furthermore, there were, (some in coincident samples) 6 samples >250ppm tantalum (Ta). Nine samples reported >1000ppm rubidium (Rb) with the highest reported value being 3800ppm Rb. Gallium (Ga) was also anomalous, with several over 100ppm the highest >140ppm. Several samples were also anomalous in caesium (Cs).



# Zigzag prospect

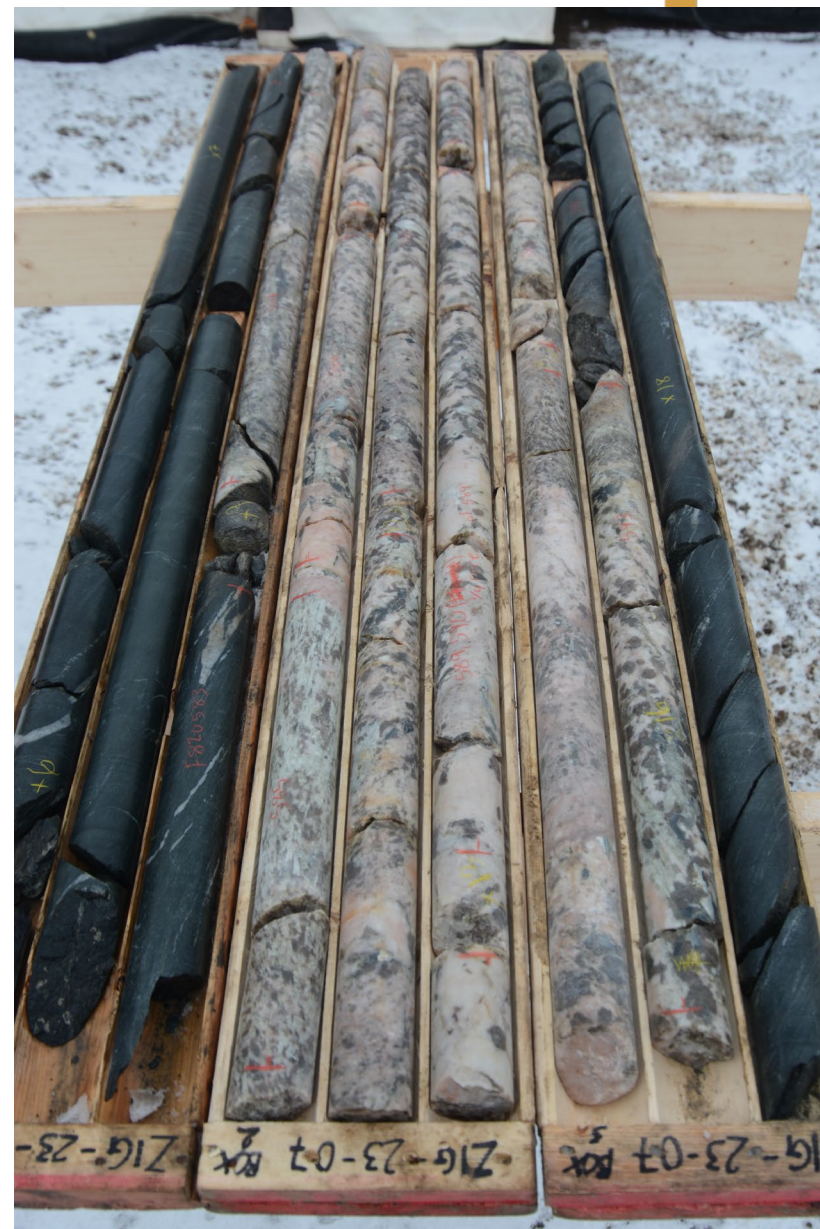
Hard rock lithium prospect



Sampling by FCM has validated and improved the historic Li 'grades'. Grab samples have outlined a 'core' strike zone of 400m with >1%  $\text{Li}_2\text{O}$ . Hand stripped channel sampling focussed on the western 200m section and included:

Channel 3	3.3m @1.5% $\text{Li}_2\text{O}$ $\text{Li}_2\text{O}$	
Channel 7	5.5m @2.4% $\text{Li}_2\text{O}$ $\text{Li}_2\text{O}$	both remain open

Again significant Ga, Ta and Rb values are also recorded.



In December a 10 hole, 450m drill programme was completed along the core 400m zone. All nine holes which targeted the pegmatite were successful.



# Sunbeam Project

Historic high-grade gold mine



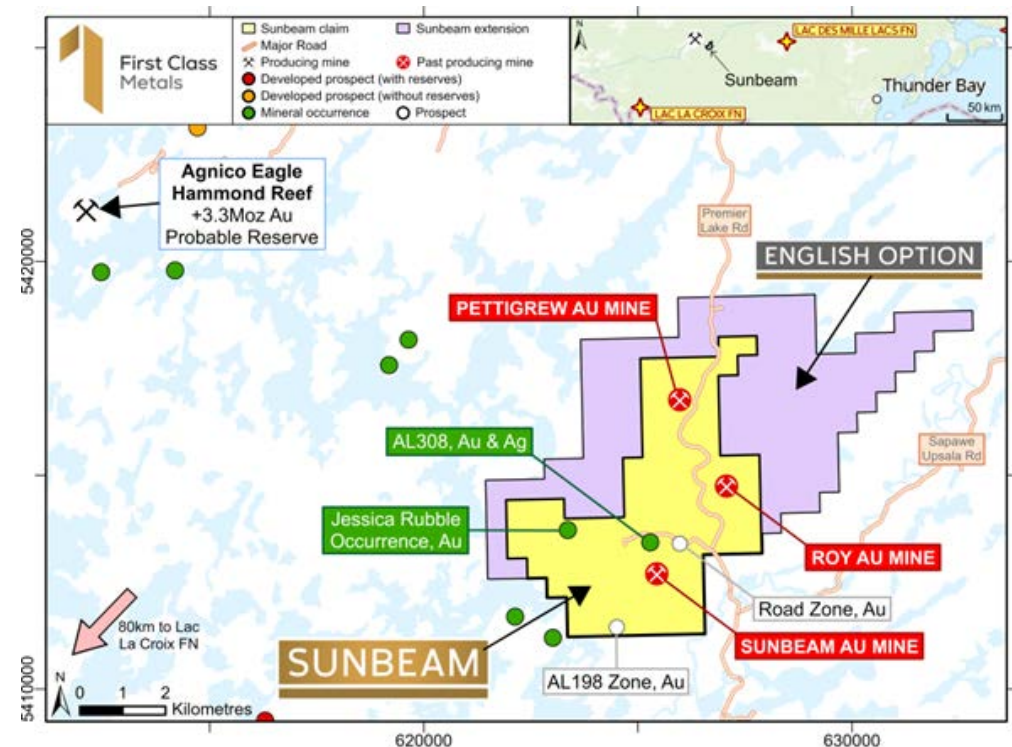
The Sunbeam Property includes the historic Sunbeam Mine – a high-grade underground gold mine which operated from 1898 to 1905. The core of the Property consists of 104 unpatented mining claims.

During the Sunbeam Mine operation, production numbers were reported only for 1904 after the erection of a stamp mill. In that year, an estimated **944 ounces** of gold were produced, the only relative figures are: 244 oz from 650 tons of ore milled.

The Project now contains three parcels of claims, the central Sunbeam Option area and the peripheral 'English Option', an additional ground (9 unpatented mining claims, 117 cells) and a more recent parcel of 119 claims contiguous to the north east.

The Property, which covers three district scale structures covers in total approximately 70km<sup>2</sup>.

FCM has paid Nuinsco C\$700k and the claims transferred to FCMC Inc. in December the final payment to English was made and those claims too transferred.





# Sunbeam Project

Drill targets being defined

Historic drilling included 8 diamond drill holes totaling 1,091m were completed by Nuinsco in 2021.

Significant results included:

NS-21-01 – 3.98g/t Au over 0.6m (from 96.0m) within 3.39m of gold anomalous deformation zone.

NS-21-02 – 13.8g/t Au over 0.15m (from 80.85m) within 2.83m of gold anomalous deformation zone.

NS-21-03 – 93.3g/t Au over 0.44m (from 99.5m) within 3.19m of anomalous deformation zone.

NS-21-05 – 2.94g/t Au over 0.5m (from 118.5m) within 7.50m of anomalous deformation zone.

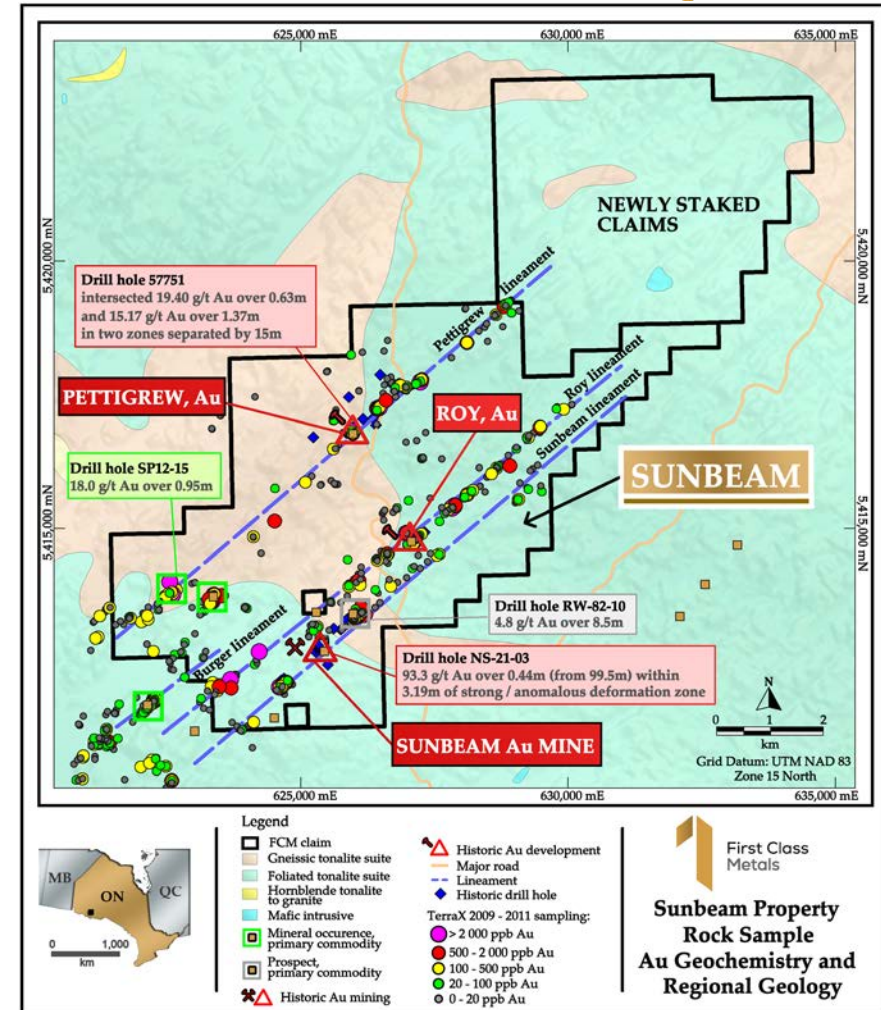
FCM undertook a detailed review of all the historical drilling and exploration data and included a review of available drill core.

Exploration in 2023 culminated in two programmes of stripping at the main development areas.

Not all results are available, but from Roy values up to 18ppm Au have been reported.

Rocks uncovered and sampled at Pettigrew and Sunbeam were of equal tenure. A drill programme is planned to test these three targets.

**The original two property areas are Permitted for drilling.**



# McKellar

Significant potential...



The McKellar property, comprising 66 claims, covers ~12.5km<sup>2</sup> and is situated in prime geological terrain within the Coldwell complex.

Located to the west of Generation Mining's Palladium Project, McKellar is roughly 25 kilometres from the town of Marathon, the main service centre for Barrick's Hemlo mine.

The property contains known 'showings' for gold, silver, and base metals as well as a diatreme which reported anomalous REE values.

Historical exploration on the property includes significant mineral occurrences.

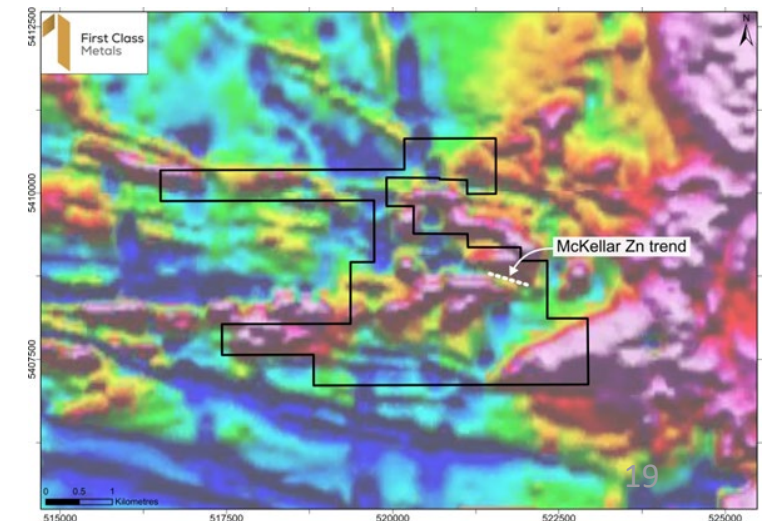
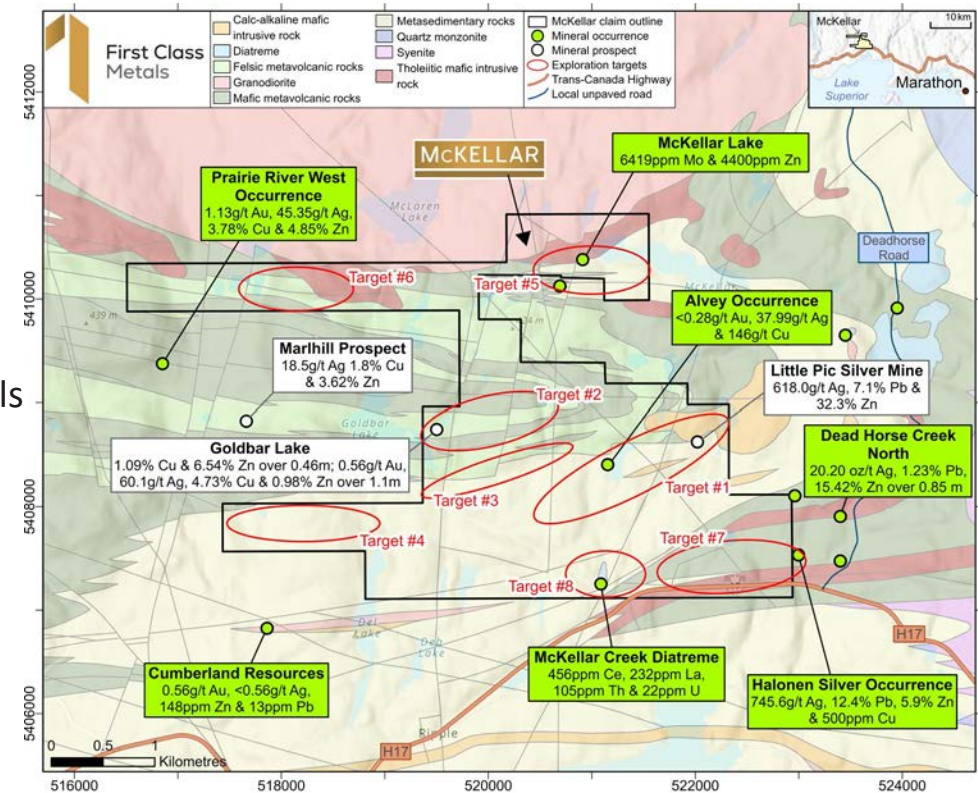
These include intersections on the Goldbar Lake prospect such as:

- P-2: 19.20-19.66m: 1.09% Cu & 6.54% Zn and;  
20.88-21.98m: 0.56 g/t Au, 60.1 g/t Ag, 4.73% Cu & 0.98% Zn.

The Little Pic (silver) 'mine' (McKellar trend): discovered in 1875, almost 100 years later Noranda reported a channel sample of 618.0 g/t Ag and a trench sample of 1.1m @ 32.3% Zn & 7.1% Pb, with VMS style mineralisation reportedly traced over a 600m strike.

Alvey occurrence: 4 historic drill holes in the vicinity but no assays available, separate grab samples returned 0.28 g/t Au, 37.98 g/t Ag & 146 g/t Cu.

Several diatremes, anomalous in REE have been discovered in the area, one of which is in the southern sector of the McKellar claim





# McKellar

Significant multi element potential...



During the 2022 field season over 100 grab (rock chip) samples and 6 lake sediment samples were collected.

Work was predominantly on the McKellar trend and nearby Alvey occurrences as well as initial work on the diatreme in the southern sector.

The historic 'McKellar showing' that contains the Little Pic mine is a very prospective zone with strike extension potential localised in a shear possibly along the volcano-sedimentary contact.

The reported results from the season's campaign are encouraging highlights included:

4.82% Zn, 0.22% Pb, 80ppm Ag, and 400m along strike to NW 1.36% Zn 635ppm Pb and 11.6ppm Ag.

Results from the diatreme were significantly anomalous. The potential for higher values over the whole diatreme area is considered realistic as available sample sites were not optimal.

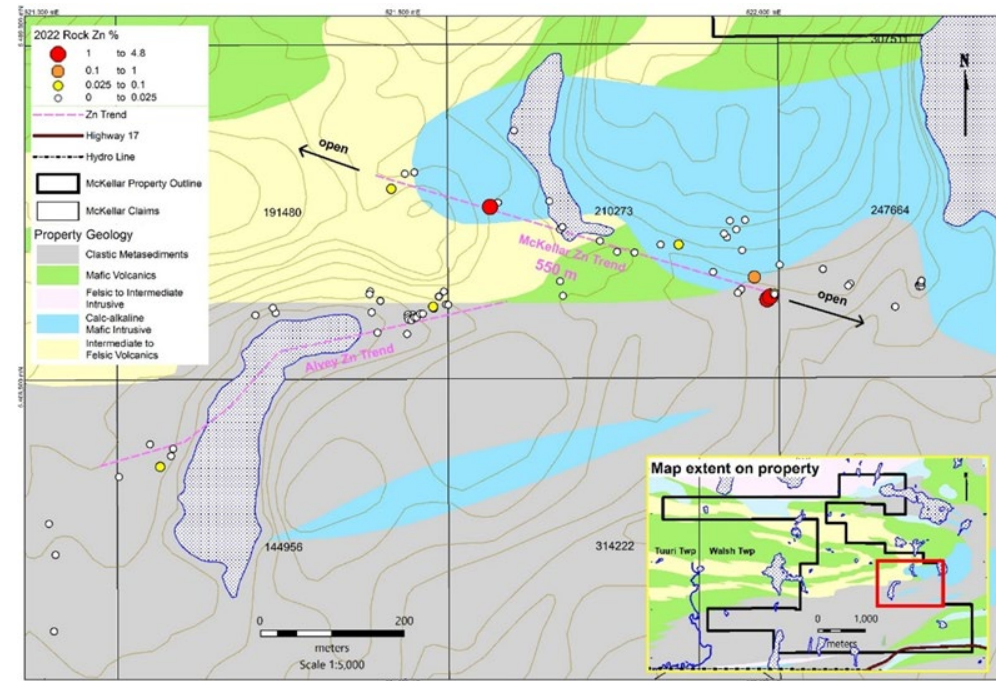
The McKellar property also contains other significant historic showings which require contemporary exploration, not the least of which is Goldbar Lake.

Work proposed includes:

Further exploration along the McKellar trend.

- Initiate exploration at Goldbar Lake.
- Explore other areas identified in the historical data review.

**This Property is Permitted for drilling.**





# Summary – potential of 5 core properties

## NORTH HEMLO

- Dead Otter Lake trend has identified significant gold potential in possibly several subparallel structures.
- Fairservice's base and precious metal trends onto the property suggest more work is required.
- the JV with Palladium One on Pickle lake VTEM /nickel anomaly has identified significant NI-Cu drill intersections.

## ZIGZAG

EEA signed with Whitesand FN. Initial prospecting and rock chip sampling follow by systematic sawn-channel sampling programme and drilling in 9 holes over a 400m central zone.

## ESA

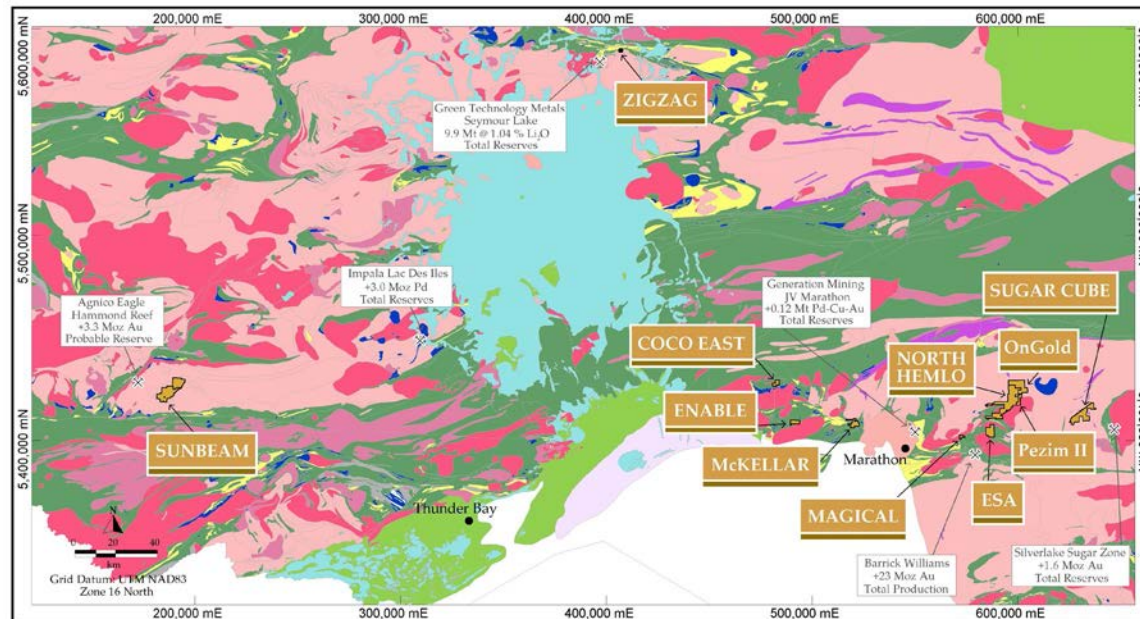
Linear magnetic anomaly interpreted as shear zone analogous to the 'Hemlo shear'. Robust geochemical anomaly in soils. Continuation of magnetic trend off license show gold anomalism. Hemlo style boulder reports 0.7ppm Au.

## SUNBEAM

Historic and contemporary work reports assays of high to very high-grade gold. Stripping at the historic production locations shows significant encouragement both geologically and geochemically. Permitting in place for drilling.

## MCKELLAR

- Historic reports contain assays of very high-grade silver and significant zinc.
- Exploration by FCM confirmed an open +500m anomalous trend.
- Other areas of significance on the property require systematic and detailed exploration.



## Other properties include:

### MAGICAL

Exploration has successfully identified that potential exists to justify further sampling.

### SUGAR CUBE

High resolution airborne magnetic survey contracted in order to explore the potential of a sub-parallel structure to the Sugar Zone >1.6M oz gold mine.

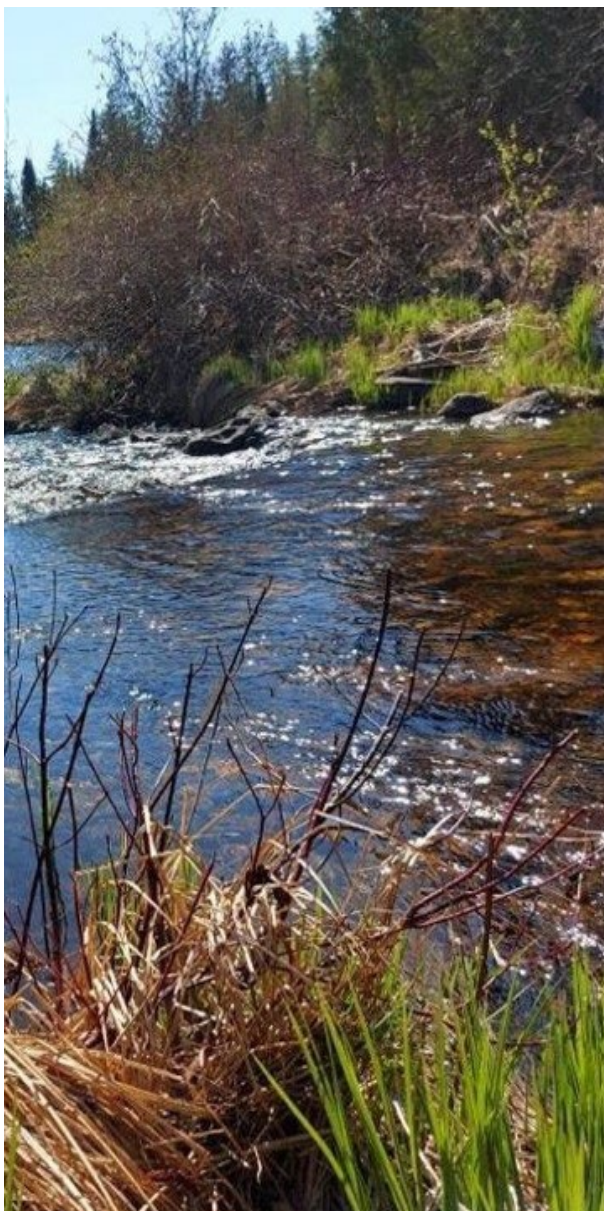
### ENABLE

Historic showing of almost 2ppm Au has been confirmed and expanded, second location nearby reports 7ppm Au and significant silver values.

### COCO EAST

Located in favorable geological setting, 2022 field work confirmed anomalous gold in rock chip samples

# Environmental, Social, and Corporate Governance (“ESG”)



## BUILDING AND MAINTAINING RELATIONSHIPS WITH INDIGENOUS PEOPLES

At FCM, we take great pride in fostering a culture of openness and collaboration with the First Nation groups we work with. We recognize the importance of building strong relationships based on mutual respect, trust, and understanding. Our commitment to openness means that we actively seek input and engage in meaningful dialogue with First Nation communities throughout the various stages of our exploration activities. FCM would always try to consider their perspectives, cultural values, and traditional knowledge while developing and executing our activities.

By valuing and incorporating their insights, we aim to minimize potential impacts, maximize benefits, and establish positive and long-lasting relationships.

Our commitment to openness and collaboration goes beyond regulatory requirements. It is ingrained in our core values and reflects our genuine respect for the rights, culture, and aspirations of Indigenous communities. We actively seek to learn from and work alongside them for the benefit of all stakeholders involved.

## FCM IS COMMITTED TO:

- responsible exploration practices;
- the recognition of local Indigenous communities as stewards of the land;
- managing and monitoring water to ensure its protection and sustainability;
- the promotion of prosperity within the Indigenous communities in which we operate through business development, employment, and procurement opportunities.



# In conclusion



## CORPORATE

- Experienced management team with London and North American exposure.
- Proven technical team behind multiple mineral discoveries and successful buy-outs.
- Extensive Canadian operating experience with strong in-country network.

## ASSETS

- Potential economic mineralisation includes gold, silver, base / battery metals (and anomalous REE).
- Five core properties which have been advanced to drill ready status
- **Six valid Exploration permits granted.**
- All claim blocks in 'good standing'.

## CAPITAL MARKETS

- Clean capital structure, achieved a London Main Listing in late July 2022.
- Current funding sought will allow planned activities through to end 2024, including scout drill programme.

# KEY TAKEAWAY POINTS FOR FCM

- Focused in Ontario, Canada 'first class' jurisdiction
- LSE main board standard listing

## ONE

Key management, experienced technical support and direction. Defined business strategy

## TWO

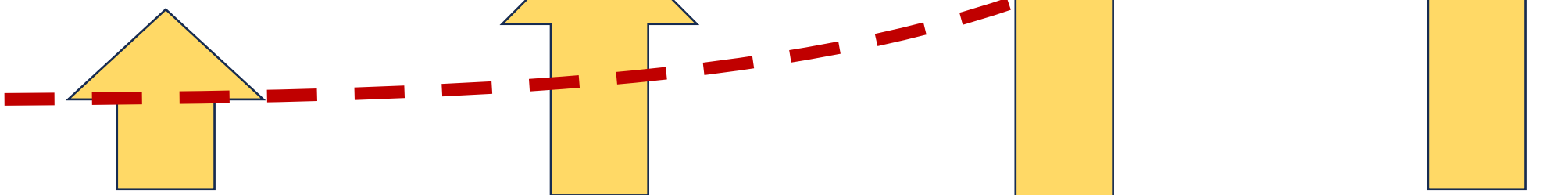
Achieved the stated Company objective to bring 'Big Four' to drill ready status and drill.

## THREE

Successfully raised funds in very testing markets

## FOUR

Six properties permitted for drilling  
Drilling on one property planned this field / drill season





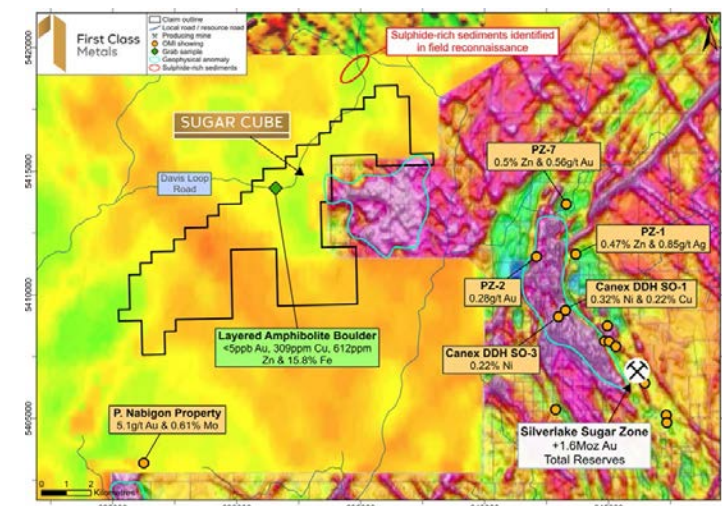
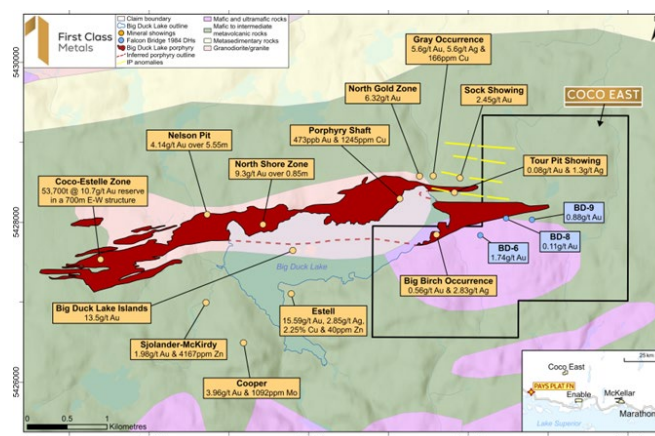
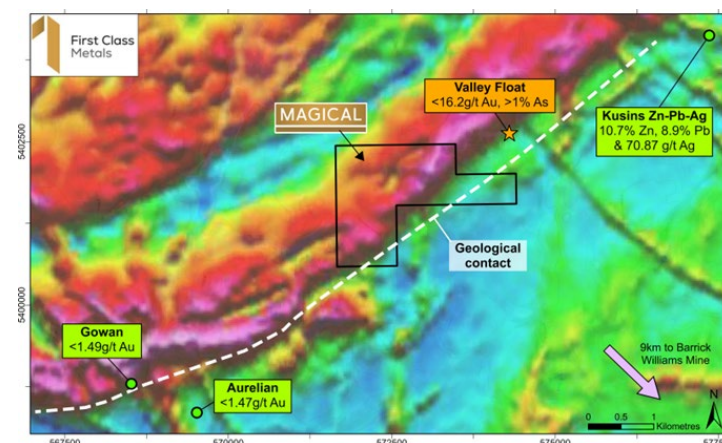
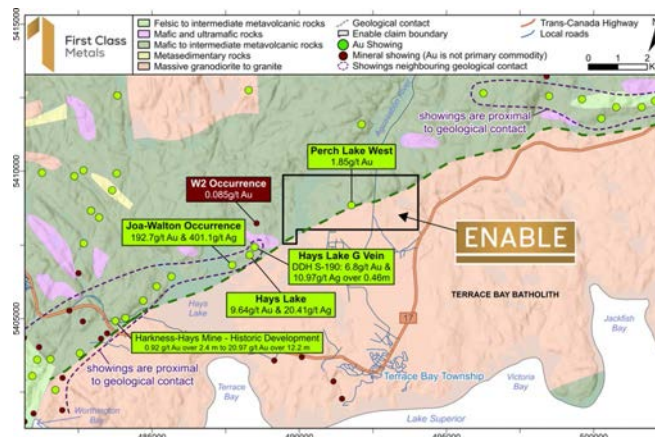
# Additional property areas:

ENABLE

MAGICAL

COCO EAST

SUGAR CUBE



# Contact

[info@FirstClassMetalsPlc.com](mailto:info@FirstClassMetalsPlc.com)



MARC J. SALE

Chief Executive Officer - CEO

[MarcS@FirstClassMetalsPlc.com](mailto:MarcS@FirstClassMetalsPlc.com)

+44 (0)7711 093532

JAMES KNOWLES

Executive Chairman

[JamesK@FirstClassMetalsPlc.com](mailto:JamesK@FirstClassMetalsPlc.com)

+44 (0)7488 362641

Suite 16,  
Freckleton Business  
Centre, Freckleton Street,  
Blackburn,  
BB2 2AL

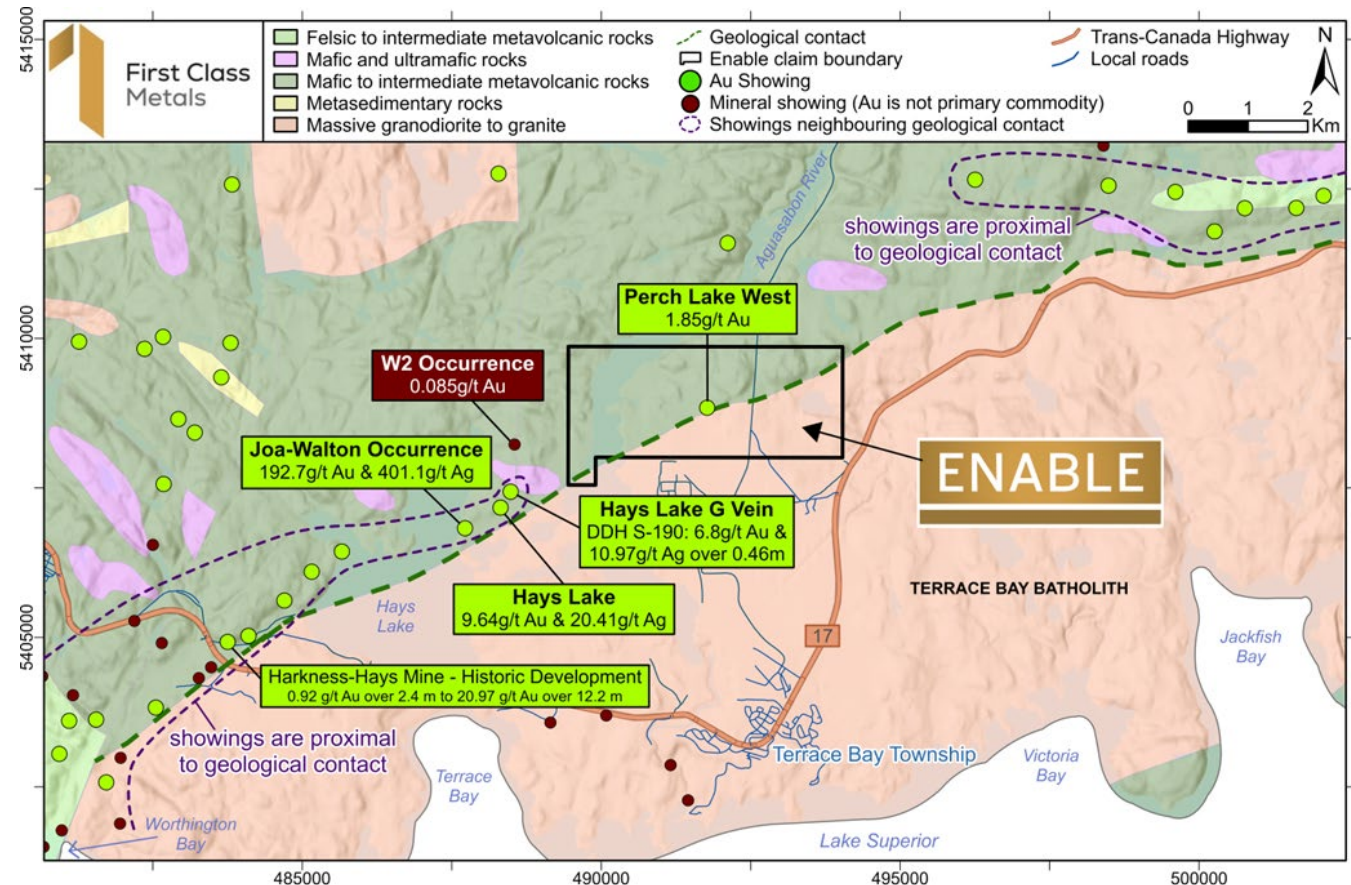
[www.firstclassmetalsplc.com](http://www.firstclassmetalsplc.com)



This property comprising 41 claims covering around 8.7km<sup>2</sup> includes a significant geological feature: the contact between the Terrace Bay batholith (to the southeast) and the mafic volcanics and iron formation, which have been intruded by quartz-feldspar porphyry dykes related to the batholith (to the northwest).

This contact roughly dissects the Enable property from the northeast to southwest corners of the claim block and its inferred strike extent is underexplored within the property.

- The contact between the mafic rocks and the Terrace Bay batholith is the main vector of interest regarding this property.
- There are numerous showings located in the surrounding claims.
- 30 plus gold occurrences in the district are associated with the contact.



The most notable occurrences include the Joa-Walton Occurrence (192.7 g/t Au & 401.1 g/t Ag) and Hays Lake Occurrence (9.64 g/t Au & 20.41 g/t Ag), both located southwest of the property. These and the Perch Lake West showing are situated along the geological contact.

Furthermore, the Acker G Vein, (believed to be located at the Hays Lake showing) is in a 3-metre-wide shear zone which trends N50E, that may extend onto the Enable property.

Field work by FCM has significantly enhanced the potential of the property specifically with the identification of a new 'showing'.

Over 80 rock samples were collected on the property in 2022.

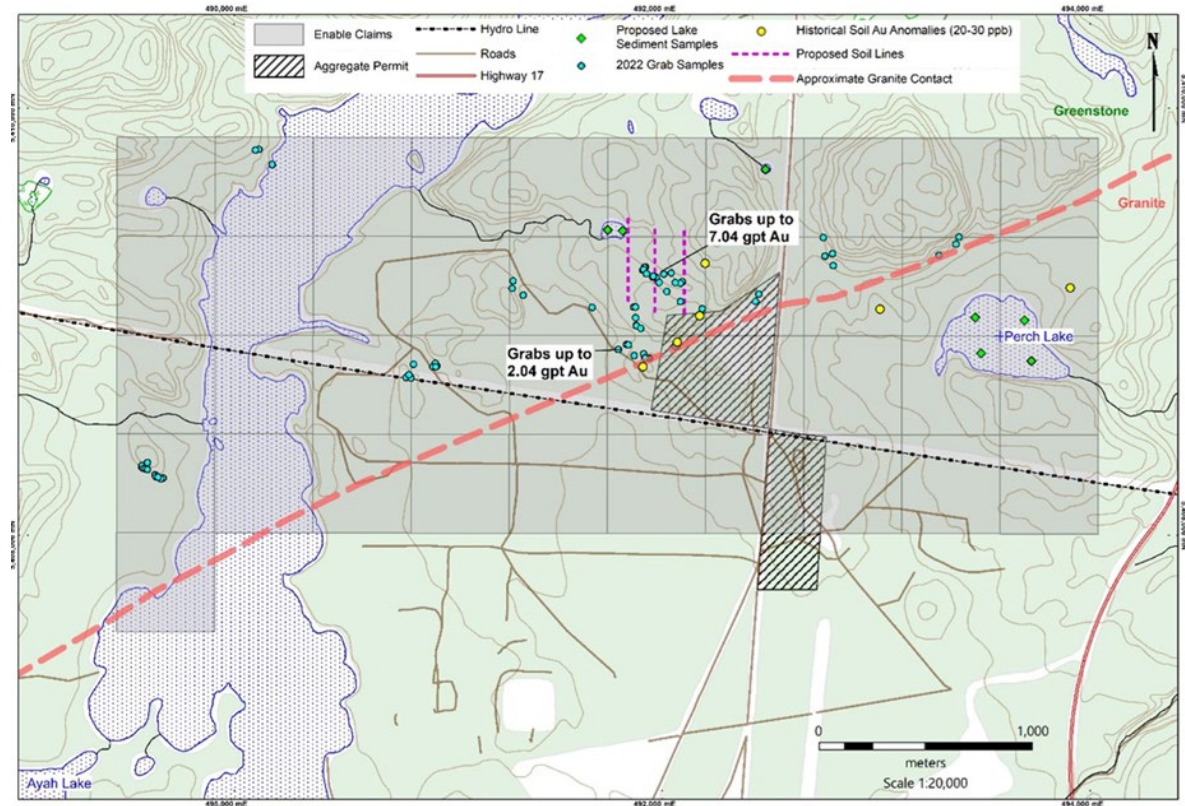
Not only has the sampling by FCM confirmed the historic showing at Perch Lake West it has also been enhanced and the gold bearing area extended to Zone 1.

Furthermore, additional sampling to the NE has identified a completely new discovery with gold values over 7.0ppm. This new discovery is hosted in a zone of quartz veining in strained, silicified granodiorite with disseminated sulphides, Zone 2.

Intended work in 2023 will include:

- Lake sediment sampling to the east and west of the gold occurrences, (6 samples collected).
- Soil sampling along perceived strike extension of the mineralised trend.
- Further exploration along the inferred contact through the property.
- Additionally samples have been sent for petrographic studies.

FCM is very encouraged by this discovery and has submitted an Exploration Permit Application with the Provincial Authority





# Magical

Anomalous contact concept requires further sampling



Located only 9km NW of the Barrick Hemlo gold mine, this 14 claim, ~2.9km<sup>2</sup> block is situated on a compelling geological contact.

- the enigmatic 'Valley Float' boulder is less than 1km off the property to the NE has reported >16g/t Au,
- whilst the Gowan Lake showing to the SW, also on the inferred contact, reports ~1.5g/t Au and
- the Kusins showing also associated with the contact reports 70.87 g/t Ag, 10.7% Zn and 8.9% Pb.

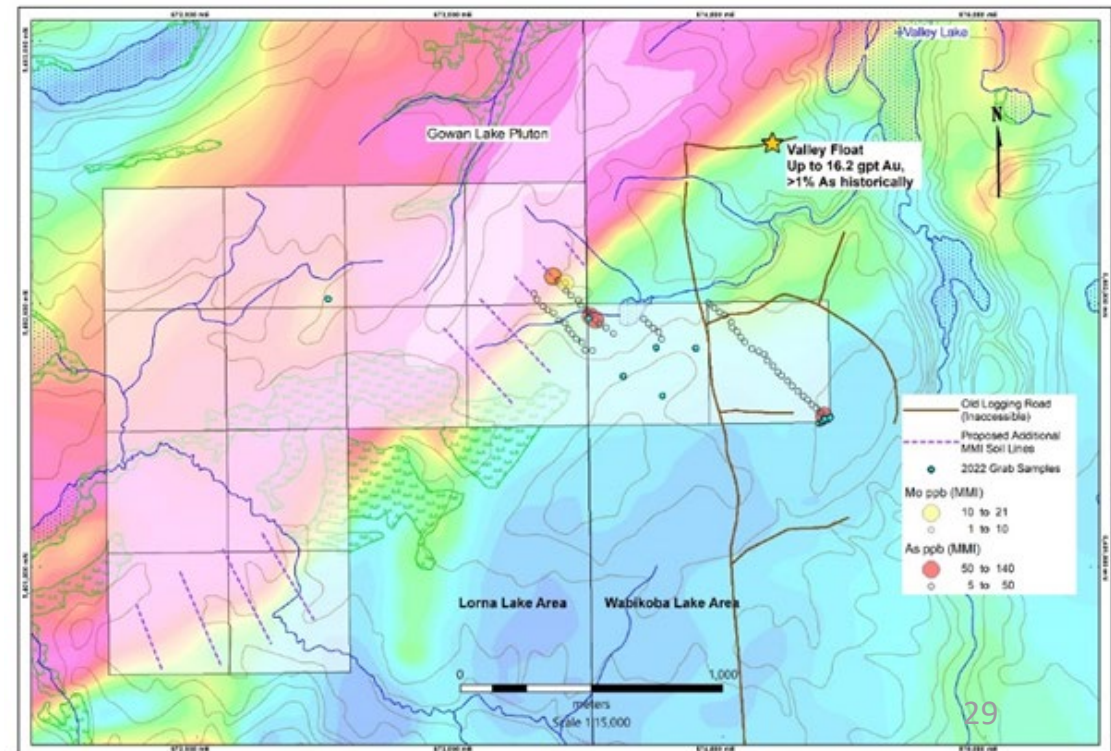
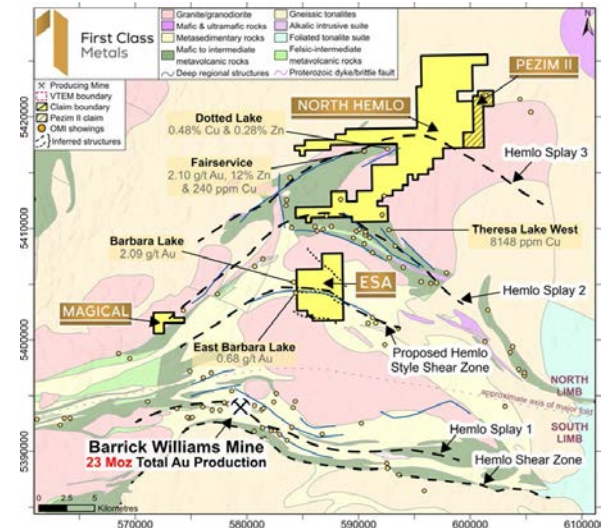
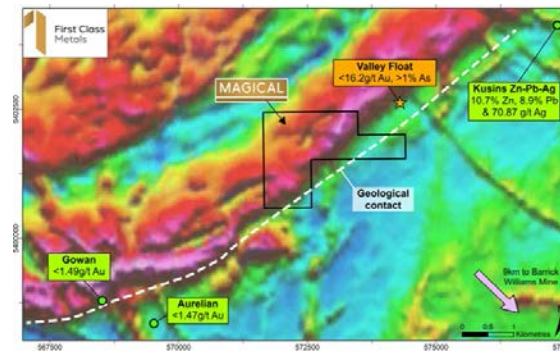
Geologically, the area contains a northeast trending sequence of clastic sediments, plus subordinate amphibolite. These are bounded by the Gowan Lake Pluton in the northwest and the Cedar Lake Pluton in the southeast.

The contact between the GL Pluton and metavolcanics is found in the east and southern areas of the property and, on the basis of nearology / vector, is considered a potential host for gold mineralisation.

The contact is part of one of the three inferred arcuate subparallel shears north of the major shear hosting the Hemlo mine. This shear trends to the northeast and dissects the flagship North Hemlo block. This structure under pins the potential of the albeit small block.

During the 2022 field season: a soil sampling programme was completed comprising 56 MMI soil samples and 11 rock chip samples

It is proposed that the soils lines are extended as well as further lines to the SW in order to validate the anomalism associated with the contact / shear.



# Coco East

An emerging opportunity



The Coco East block of 30 claims covering ~6.3km<sup>2</sup> is located on the eastern sector of the Big Duck Lake Porphyry, which contains a number of historic showings as well as the Coco Estelle deposit.

This porphyry, as well as other similar intrusions, are strongly spatially associated with Archean lode gold deposits.

There is only one showing located within the Coco East property boundary, the Big Birch Occurrence.

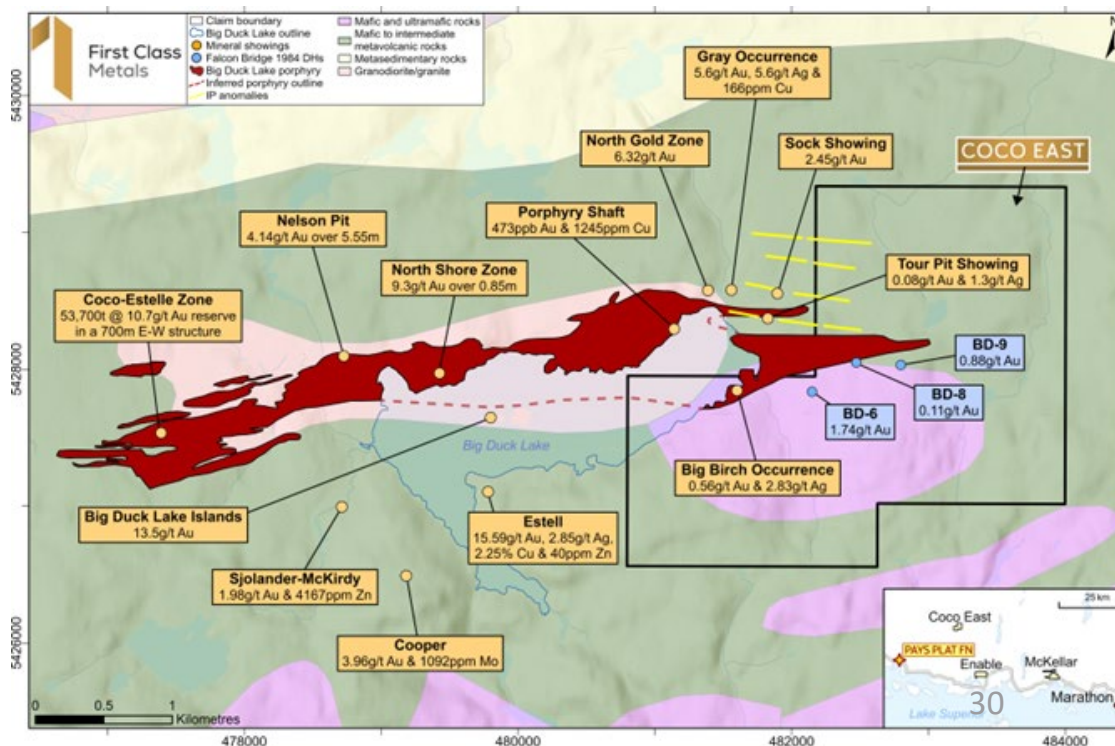
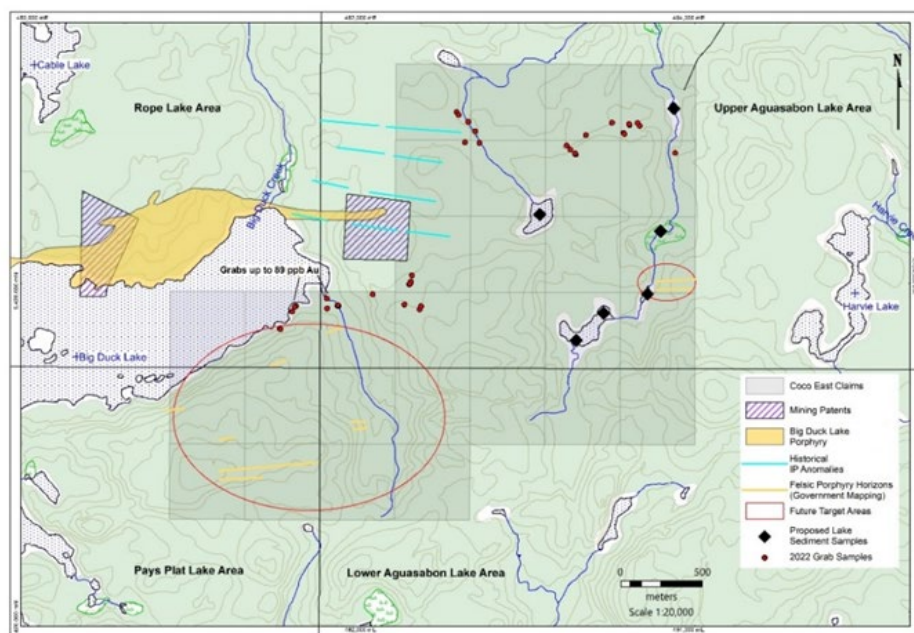
The geology was described as mafic metavolcanics, which display epidote alteration. Two pits were observed with a 5m spacing, striking east-west. The main pit exposes a 10 cm wide quartz and calcite vein and contains pyrite and possible chalcopyrite mineralisation.

Assay results have returned values of 0.56 g/t Au and 2.83 g/t Ag.

47 rock samples were collected during the field season predominantly in the area of the Big Birch occurrence and historical drilling.

## Planned work:

- The collection of 6 lake sediment samples, mostly from the eastern sector, assays awaited.
- Additional reconnaissance work along the contact of the porphyry.
- Explore the NW of the claim block where a significant geophysical anomaly centred off the property extends into the claim block.
- Follow-up of any lake sediment anomalies as required.





# Sugar Cube

Work in progress...

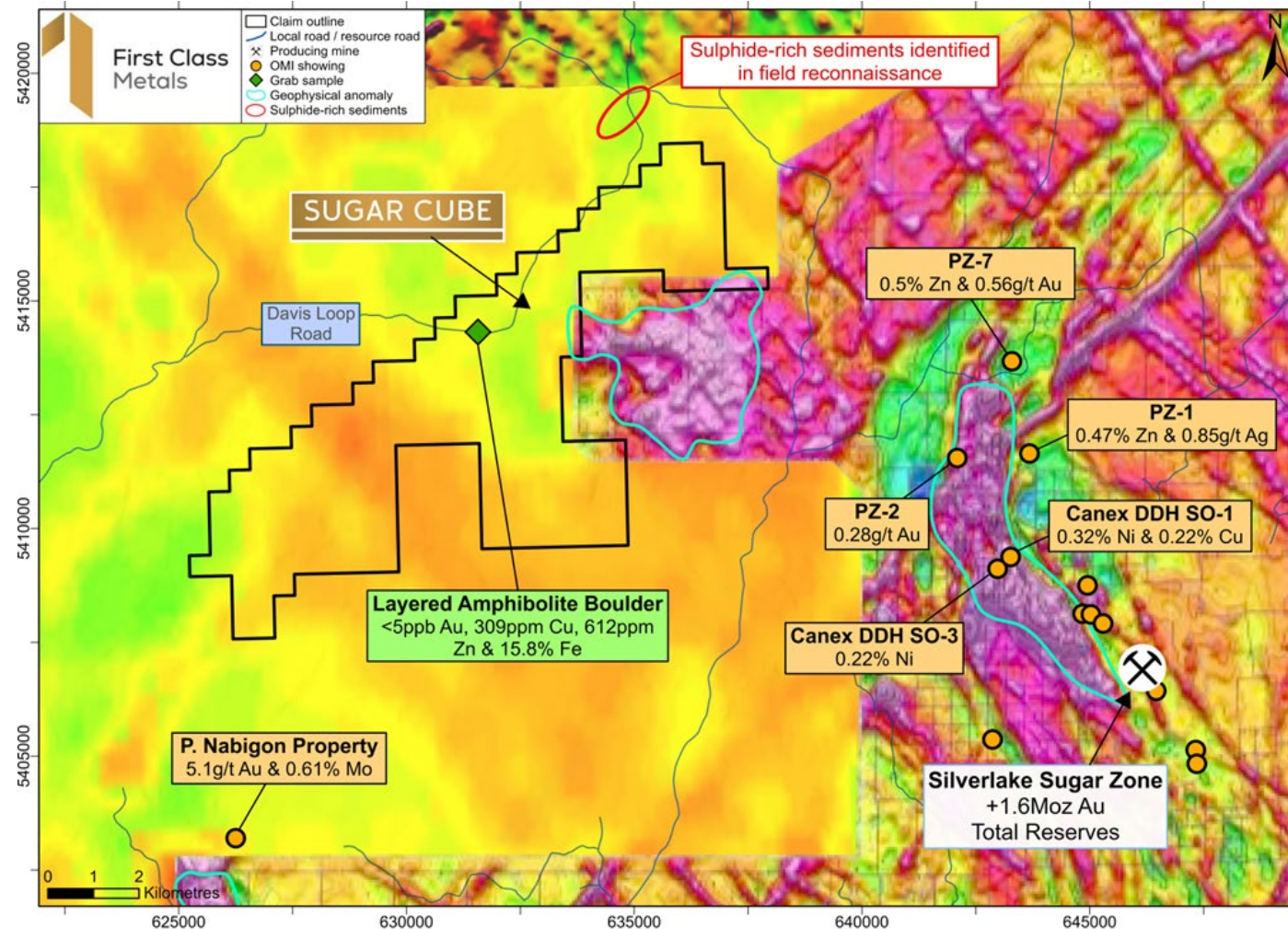


The Sugar Cube claim block of 205 claims, covering ~43km<sup>2</sup>, is contiguous to the north-west of Silver Lake's 1.6Moz+ Sugar Zone gold mine. Its claim area was 'flown' with a VTEM survey, the intention being to highlight the magnetic / conductor anomalies that could represent significant, potentially mineralised structures.

Sugar Cube is interpreted from the limited geological information to potentially contain the remnants of a (subparallel, arcuate) greenstone belt adjacent to the Silver Lake claim package.

During historic (2021) ground reconnaissance by FCM, sulphide-rich medasediments that were previously unmapped were located (off property).

Subsequently, greenstone boulders were located on the claim block by FCM, however, generally the property is covered by overburden masking outcrop.



Exploration work recently completed (January 2023) included a 578 line km geophysics survey comprising a helicopter borne low level 100m line spacing magnetic as well as TDEM survey.

The survey data has been processed and currently Paterson Grant Watson (PGW) and finalising their interpretation. This interpretation will determine the focus of future field work to 'ground-truth' any identified structures of interest.