



**DG RESOURCE  
MANAGEMENT**

**Cyclone Project, QC**

La Grande Subprovince, Au +/- Li, Ni, Cu, PGE's

# Summary

## DGRM

- DG Resource Management Ltd. (DGRM) is a Canadian based, private, project generator, with a head office in Edmonton, AB.
- DGRM has a successful track record of exploration discovery across multiple commodities: Lithium, Uranium, REE's and Rare Metals, Industrial Commodities, Gold.
- DGRM holds 100% interest in the Cyclone Project, QC.

## Cyclone

- Encompasses **32,534 acres** (13,166 ha) of the Aquilon Greenstone Belt, Quebec
- Archean greenstone gold deposits account for 75% of Canada's gold mineralization, typically within deformed belts, variolitic tholeiitic basalts, ultramafic komatiites and intruded by felsic porphyry(s)
- Nickel showings to **2,155 ppm**, unsampled pegmatites
- At the adjacent Aquilon Project (Sirios) up to **834.3 g/t Au over 1.71m** is reported

## Strategy

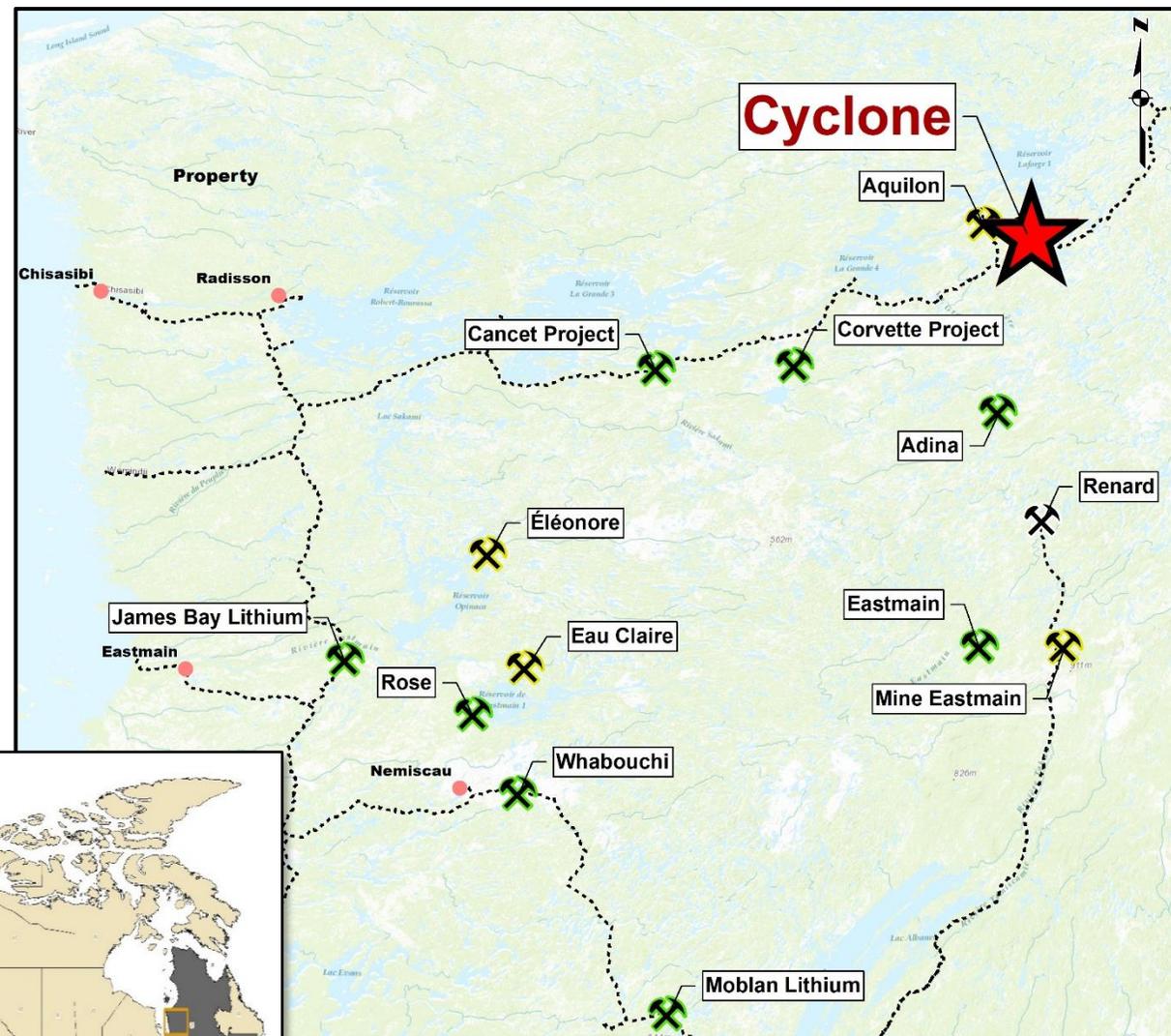
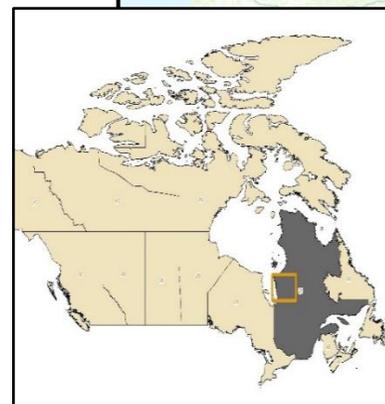
- Recently completed airborne magnetic survey
- During spring 2023 field crews will prospect the Cyclone Property, examine known EM-conductors, historical nickel showings, structural breaks and **documented pegmatites**
- **Given the paucity of historical exploration data**, a regional geochemical database will be developed from rock, soil and till samples



# Location

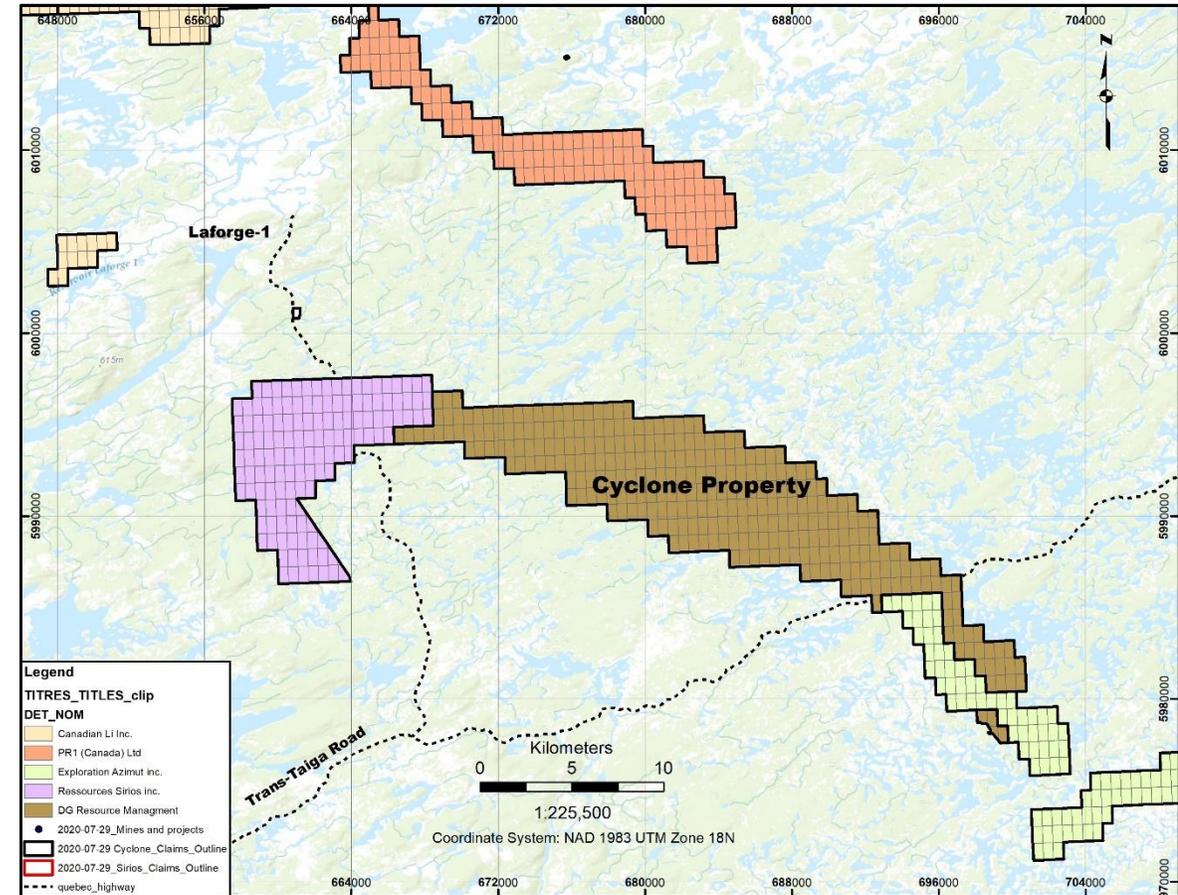
The Cyclone Property is located in Quebec's James Bay Territory on the underexplored Aquilon Greenstone Belt

- The James Bay Region contains several past/producing gold mines including Newmont's Eleonore Gold Mine, which began production in 2014. As of 31 December 2014, Elenore was estimated to contain:
  - **4.97 million ounces of proven and probable gold reserves at an average grade of 6.30g/t Au.**
- The James Bay Region is developing into a world class LCT Pegmatite district with recent pegmatite discoveries such as Corvette (Patriot Battery Metals), with demonstrated potential of **+100 Mt at greater than 1% Li<sub>2</sub>O**
- Within Class-III lands, the area does not carry any restrictions concerning mining or exploration according to the James Bay Agreement.

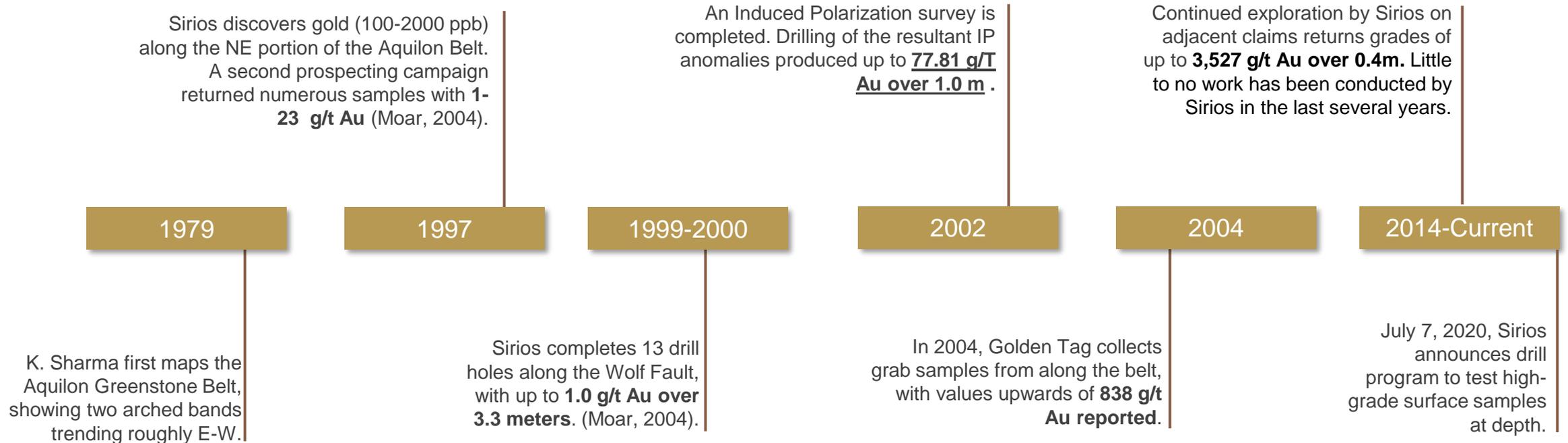


# Project Access

- The Cyclone Property encompasses 32,534 acres (13,166 ha) comprising 260 contiguous claims located adjacent to the east of Sirius Resources Aquilon Property.
- The property is easily accessible year-round via the Trans-Taiga Road, which transects the southern part of the property. The northwestern part of the property lies proximal to Laforge-1 Road.
- Given the size of the property, portions of it require access by helicopter.
- Mirage Outfitters, a local exploration base, is less than 60 km from the property.

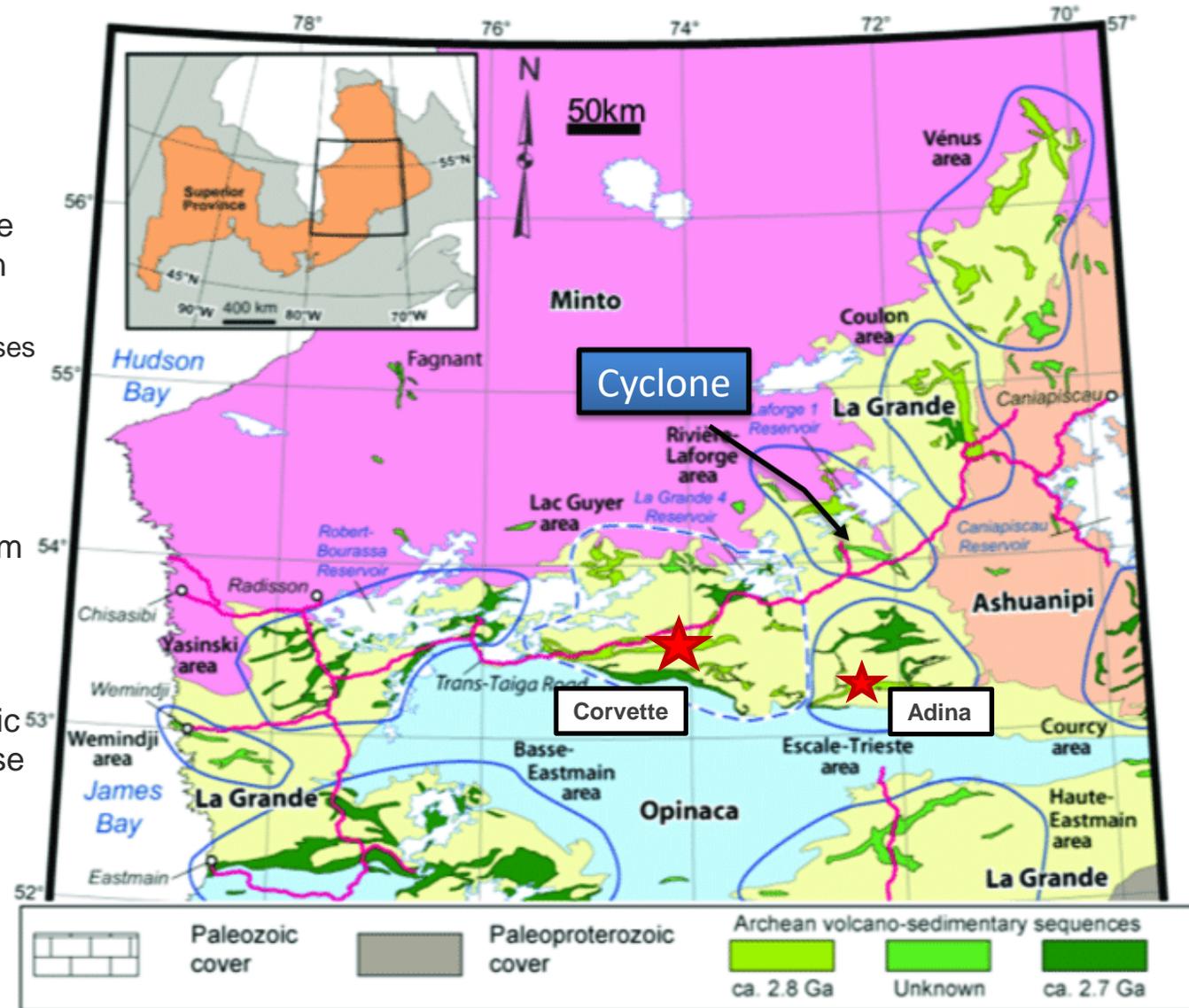


# Aquilon Greenstone Belt History



# Geology

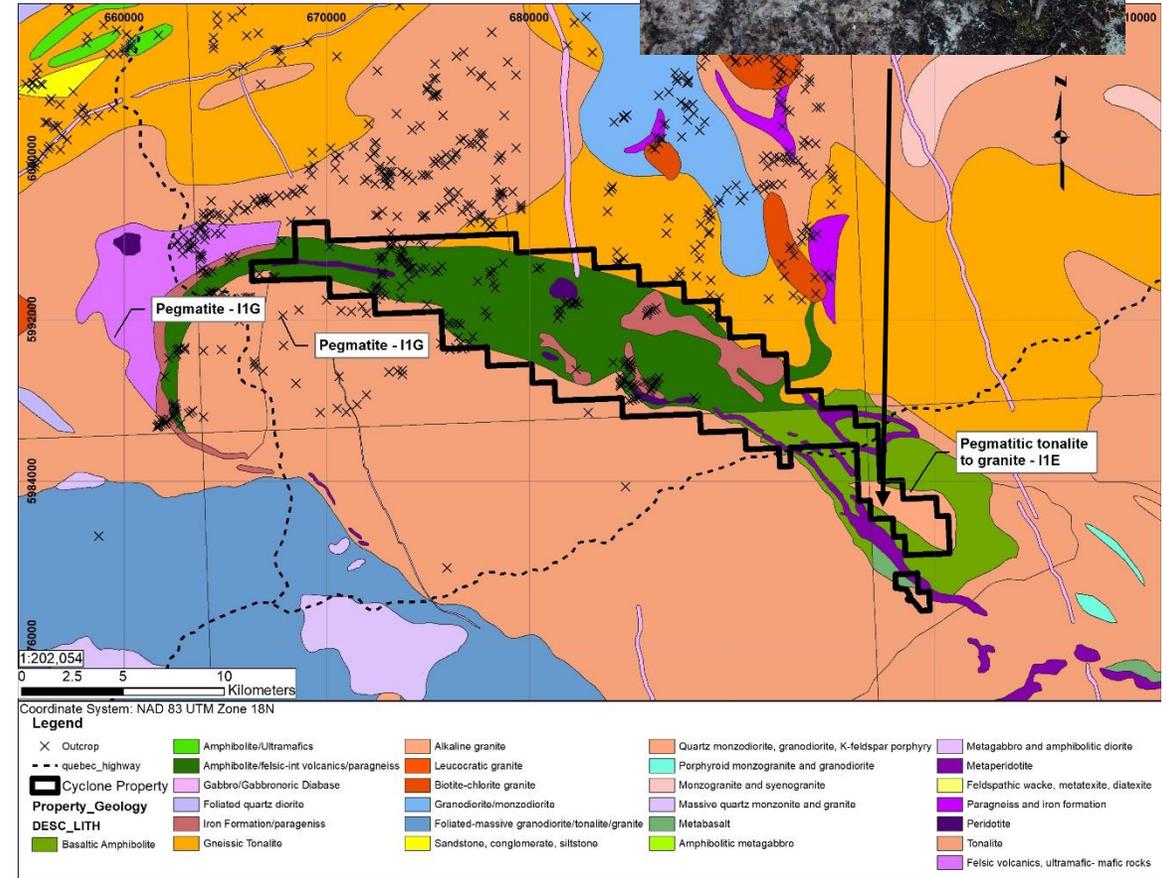
- The Cyclone Property is within the La Grande Sub province (2.8-3.8 Ga), a subdivision of the Superior Province. Within the area of the property are two folded Greenstone belts:
  - the northern La Forge Greenstone Belt consists of paragneisses with minor conglomerates and felsic tuffs
  - the southern Aquilon Greenstone Belt consist of metabasalts, komatiites, metasediments and calc-alkaline felsic rocks
- The Aquilon Belt (Cyclone Property) varies in from 2 to 5 km wide and is over 50 km long
- Lithologies include Tholeiitic metabasalts, ultramafic lavas, iron formation, metasediments and felsic volcanics. Plutonic rock of varying composition along with quartz veins, diabase and pegmatitic dykes cross-cut rocks of the volcano-sedimentary basin
- Lithologies have undergone considerable deformation, faulting and folding



# Lithium Mineralization

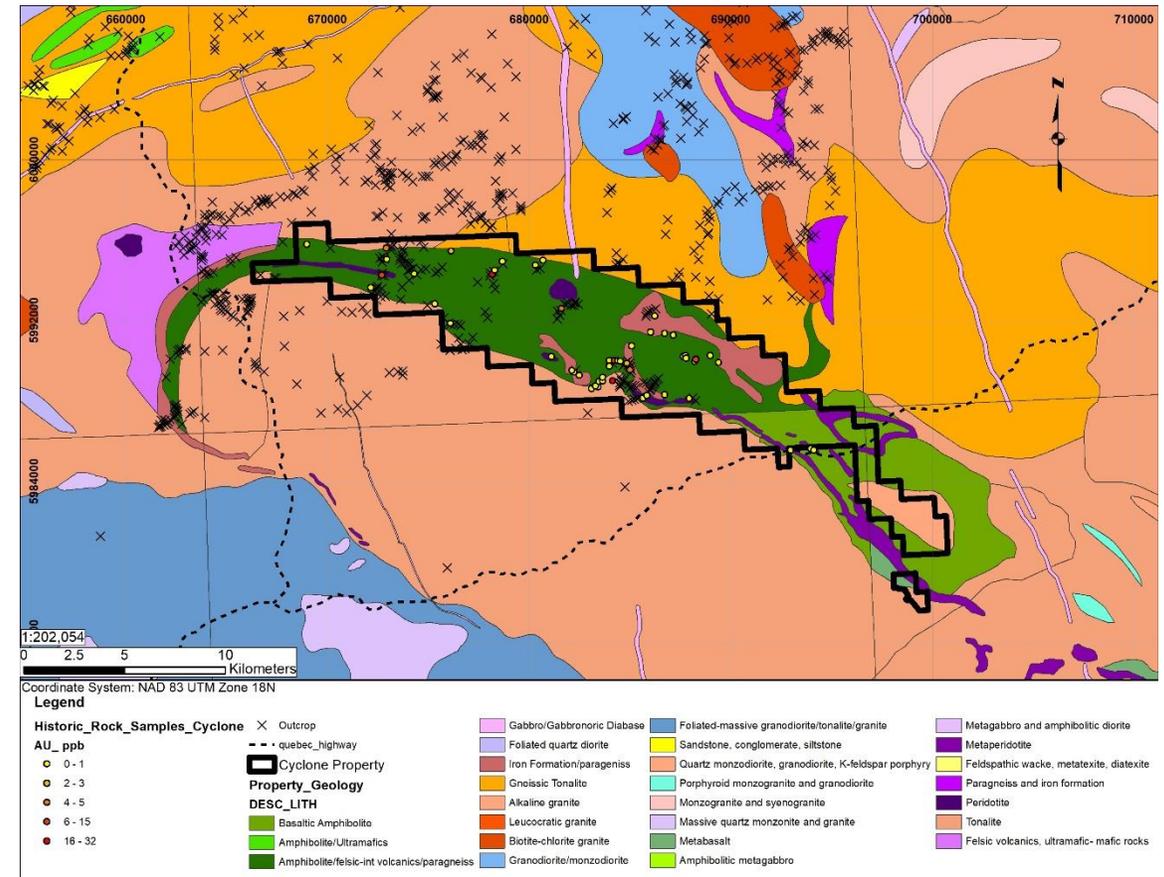


- Only very limited geochemical sampling has been completed at Cyclone. Historical data did not include analyses for lithium or typical LCT Pegmatite 'pathfinders'.
- Government and industry mapping has identified a number of 'pegmatites' throughout the belt, including a large (> 1km long) pegmatite within the adjacent Aquilon Project of Sirios Resources
- The unsampled (and poorly documented) pegmatites host significant potential for Lithium-Cesium-Tantalum (LCT)
- Recent discoveries within the region include the LCT pegmatites and Patriot's Corvette Property and those at Adnina (Winsome Resources)



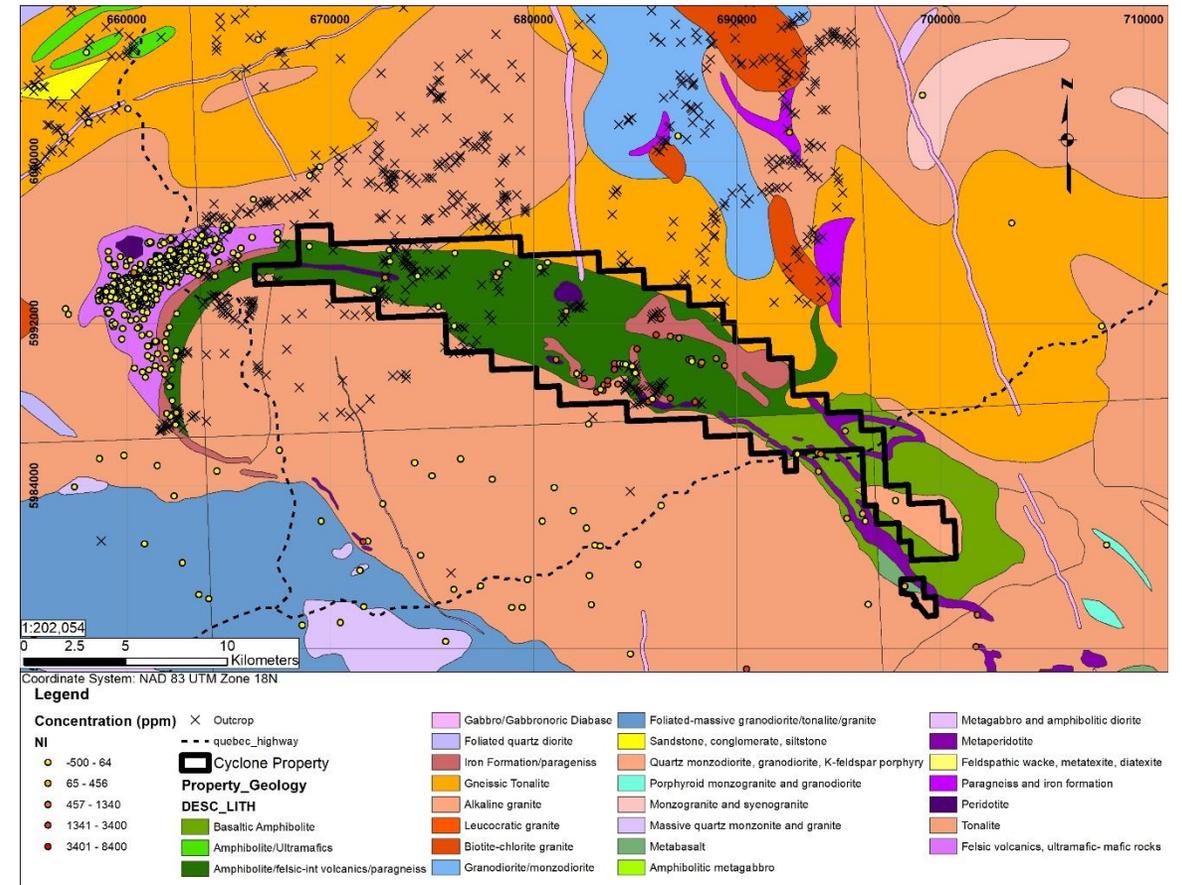
# Gold Mineralization

- Historical drilling, trenching, and rock sample data from the Aquilon Greenstone Belt reveals significant gold values
- In 2002 shallow drilling of I.P. anomalies within the western part of the Aquilon Belt returned up to 77.81 g/t Au over 1m
- During 2004 a grab sample returned 838 g/t Au
- Two types of gold mineralization have been identified within the western part of the belt, at Siros Aquilon Property:
- 1. High grade vein-type gold mineralization:
  - Auriferous quartz and carbonate veins within felsic rocks
  - Associated with felsite's and disseminated pyrite halos
  - Mineralization tends to be found along a strong lineament known as the Wolfe Corridor
- 2. Low grade gold mineralization:
  - Associated with bands of disseminated sulphides (Py-Po) with some anomalous copper and zinc values



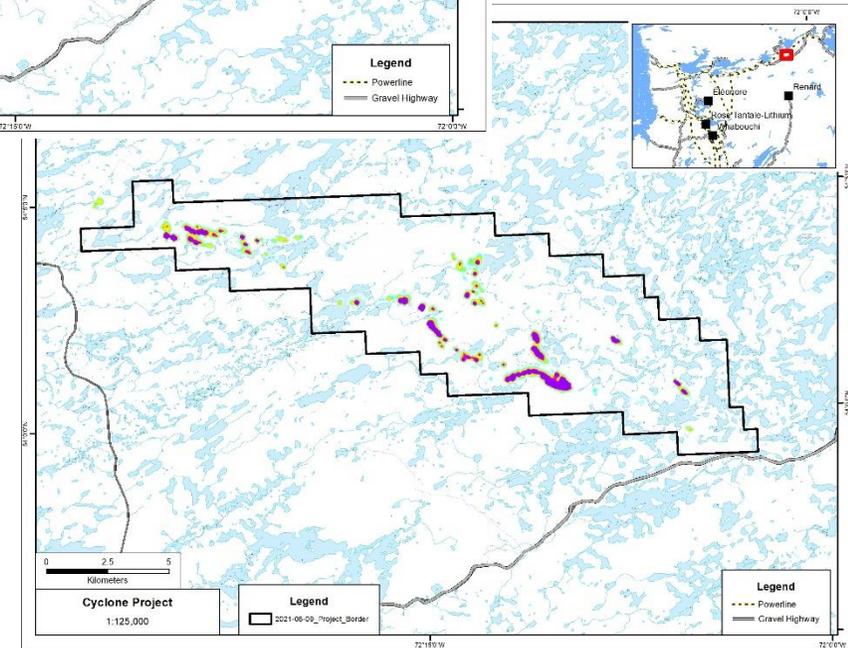
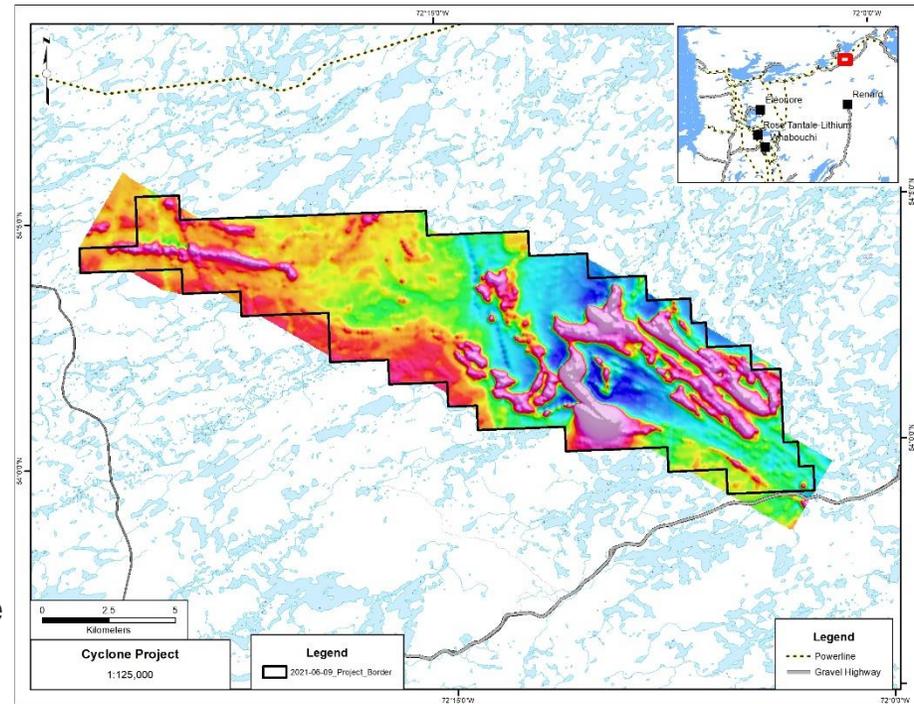
# Nickel Mineralization

- Historical rock sample data from the Aquilon Greenstone Belt shows considerable anomalous nickel values for the Cyclone Property
- Large volumes of ultramafic rock at the Cyclone Property suggest there is good potential for magmatic sulphide mineralization (Ni +/- PGE's)
- Historical rock samples show up to 2155 ppm Ni



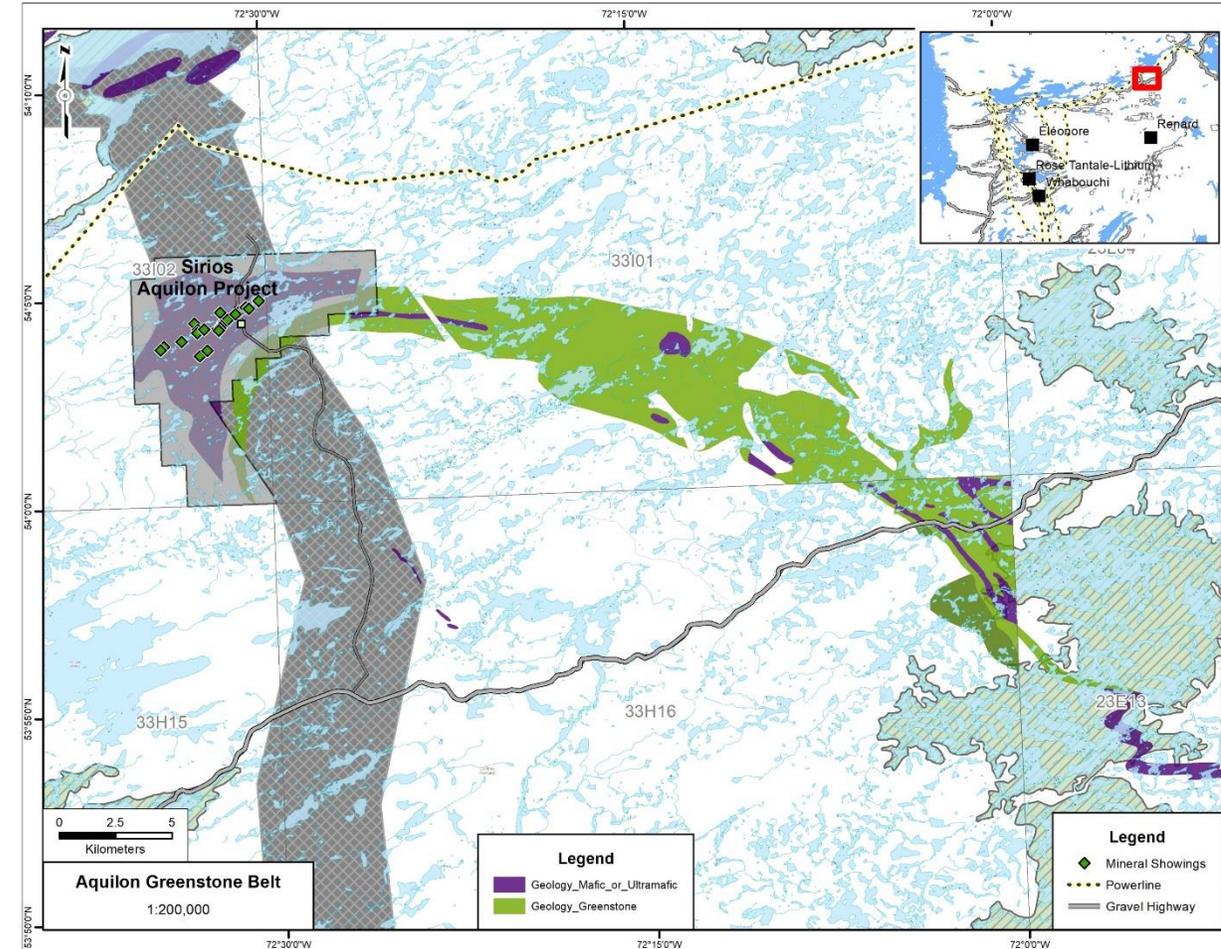
# Magnetics

- An airborne EM survey conducted in 2000 covered a small portion of the Aquilon Belt. It identified several conductors which were interpreted as massive sulphides
- In 2022, DG Resource Management conducted a high-resolution airborne TDEM + magnetic survey over the cyclone property.
- The survey highlighted broad zones of high magnetism associated with high conductivity which coincide with historical rock samples with assay values  $>1000$  ppm Ni



# Conclusions

- The Aquilon Greenstone Belt hosts gold and nickel mineralization, with significant potential for LCT pegmatites
- The Cyclone Property covers approximately 40+ km strike length of the Aquilon Greenstone Belt. It is very early staged with almost no exploration, save for a brief prospecting program and a 2022 airborne geophysical survey.
- Within Canada, Archean Greenstone Belts host over 75% of the known Gold mineralization, similar to Aquilon. Key attributes:
  - Variolitic tholeiitic basalts
  - Ultramafic komatiitic flows
  - Intermediate to felsic intrusives
- Recent work (2000) has confirmed the presence of a significant number of conductors presumed interpreted to be resultant from massive sulphides. There has been no follow-up.





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