Midland Exploration TSX-V:MD

Wookie Project



Wookie Project Highlights

MIDLAND

- \checkmark Project highly favorable for lithium pegmatites
 - ✓ Favorable lower amphibolite facies rocks
 - ✓ Favorable tourmaline and muscovite pegmatites known around the project
 - \checkmark Li showing on an adjacent project
 - ✓ LCT pegmatites known from public data close to the project, not analyzed for lithium
 - ✓ With abundant amphibolites, the most favorable host rock for Li pegmatites in James Bay
 - \checkmark No previous exploration for lithium
- ✓ Gold and base metals potential, with two showings yielding 1.47 g/t Au, 391 g/t Ag and 0.1% Bi; and 1.63% Zn, 28.2 g/t Ag, 0.12% Pb (grab samples from quartz veins)
- \checkmark Located close to the main James Bay road
- \checkmark Currently under option agreement from Rio Tinto

James Bay - Wookie Area Lithium and Gold Prospects Midland



Wookie Project - Lithium Potential

- Lithium Occurence **Tourmaline Pegs** 350000 360000 Muscovite Peas 7.5 Tourmaline Granites (except Pegs) Kilometer Muscovite Granites (except Pegs) James Qc Granites OC Bay road Main Roads Power Line Exploration Prohibited Midland Projects Boundaries Other claim blocks FavorableGraniticSuites Metamorphic Zones Gauthier et a ZoneMeta Greenschist **Granites** Zone Lower - Middle Amphibolite Upper Amphibolite Granulite 5830000 Tml + Mv Pegs Zone **Mv** Peqs Ninaaskumuwin Lithium Zone showing (Quebec **Precious Metals Corp)** Grab samples up to 3.92% Li₂O Power Lines Power Lines
- Located in the favorable Lower Amphibolite zone, near higher grade metamorphics to the north
- Lots of outcrops with undifferentiated granites present north of the project in the high grade metamorphics.
- Mv / Tml pegmatites outcrops on the project
- Granites and pegs appear to be zoned regionally with the granites at higher metamorphic grades (north) and pegs at lower grades (south)
- There could be a spatial association between Tourmaline Pegmatites and the regional faults
- Ninaaskumuwin Li showing on adjacent QPMC project: up to 3.92% Li₂O (grab samples)
- Very close to the main James Bay road

Wookie Project - Lithium Potential

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Power Line



- The project is underlain mostly by ٠ metavolcanic rocks - The most favorable host for LCT pegmatites in James Bay
- The pegmatites zone is in the • metavolcanics --> "Sweet spot"



Wookie Project - Lithium Potential

TA

0

-81.90 - 0.00

0.01 - 0.00

0.01 - 0.13

0.14 - 0.26

0.27 - 0.40

0.41 - 0.70

0.71 - 1.50

1.51 - 5.00

5 01 - 60 00

60.01 - 9300.00



- Several QC government rock samples in the ٠ area show very strong Ta-Cs anomalies, with Li, Be not analyzed. These are most likely LCT pegmatites
- **Mv-Pegmatites mapped by the Qc Gov on our** ٠ project have not been analyzed
- Project not explored for lithium (previous gold ٠ exploration did not sample pegmatites)
- Extensive area (see scale) Each claim block ٠ close to 20 km long



Wookie Project - Gold and Base Metals Potential



- New Au-Ag-Pb-Zn-Bi found in 2020
- **1.47 g/t Au, 391 g/t Ag** and 0.1% Bi (quartz vein, outcrop grab sample)
- 1.63% Zn, 28.2 g/t Ag, 0.12% Pb ; (quartz veins, subcrop grab samples)
- **35 g/t Ag** (quartz vein, outcrop grab sample)
- 10.75 g/t Ag, 0.15% Zn (quartz vein, outcrop grab sample)
- 0.35% Zn (quartz vein, outcrop grab sample)
- 0.22% Zn, 6.6 g/t Ag (quartz vein, outcrop grab sample)
- 0.5% Zn (schist with 5% quartz veins, sub crop grab sample)



Wookie Project - Gold and Base Metals Potential





Quartz vein with trace pyrite, B569695, yielding **1.47 g/t Au and 391 g/t Ag** (outcrop grab sample).

Wookie Project - Gold and Base Metals Potential

Quartz vein with pyrite-galena-sphalerite, B569581, yielding 1.63% Zn, 0.12% Pb, 28.2 g/t Ag (subcrop grab sample).

