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Midland Exploration Inc. (MD-V)

Midland provides an overview of its 2024 exploration activities with its partners and also follow-up on its new discoveries

On February 14, 2024, Midland provided an overview of its exploration plans in 2024 in Québec. The overview includes several projects in partnership for gold in the 1) Abitibi greenstone belt, 2) lithium in Eeyou Istchee James Bay region, 3) nickel-copper in the Nunavik and copper-gold in the Labrador Trough and 4) nickel-copper in Grenville. Midland is advancing several projects in partnership with major companies such as BHP Canada Inc. ("BHP"), Rio Tinto Exploration Canada Inc. ("RTEC"), Barrick Gold Corporation ("Barrick"), SOQUEM Inc. ("SOQUEM"), Brunswick Exploration Inc. ("Brunswick"), Probe Gold Inc. ("Probe"), Wallbridge Mining Company Ltd. ("Wallbridge") and Cosmos Exploration Limited ("Cosmos").

The 2024 exploration activities aim at following up on new discoveries made throughout 2023 and Midland anticipates an exploration budget >$19M (($3M Midland - $16M Partners) with ~25,000m of diamond drilling in 2024. In 2023, Midland continued to apply its business model as a focused "Project Generator" in Québec with the recent acquisition of several new high-quality properties and the formation of several new partnerships, particularly for lithium exploration in the James Bay region. With the exploration budget of more than $19M and nearly 25,000 m of drilling, Midland should be well positioned to deliver discovery results.

1) Gold and Copper Gold Projects (Au, Cu-Au); Abitibi

Up to 4 projects in the Abitibi greenstone belt shall likely see some drilling in 2024:

i) The Patris Project (100% Midland, in an option agreement with Barrick) is located less than 10 km NW of the prolific Doyon/Westwood-Bousquet-La Ronde gold mining camp. A VTEM helicopter-borne electromagnetic survey completed in 2023 is used to map overburden

thicknesses and its variations in preparation for an upcoming till drilling campaign. A total of 4,000 m of Sonic drilling is planned in 115 drill holes to characterize geochemical dispersion trains in the glacial till overlain by lacustrine clays.

ii) The La Peltrie Project (100% Midland in an option agreement with Probe Gold) is located ~15 km SE of Agnico Eagle's Zone 58N gold deposit and ~25 km west of the former Selbaie mine (see: https://www.linkedin.com/pulse/midland-exploration-inc-md-v-intersects-up-117-cu-over-eric-lemieux-4vqse/?trackingId=m9NBTpbjRneY82al4llBCg%3D%3D). A follow-up drilling campaign aiming for higher Cu-Au grades is currently in planning for 2024.

iii) The Casault Project (100% Midland, in an option agreement with Wallbridge) saw Wallbridge complete a high-resolution magnetic survey on select areas over the western portion of the property in 2023. A till sampling program (sonic drilling) in the eastern part of the property was also completed and final interpretations of the programs are in progress. Anomalous gold grain counts were identified along the northern contact of the Sunday Lake deformation corridor, and also included the presence of pristine gold grains. Exploration targets are being generated for future drill testing.

iv) The Lewis Project (100%) is located ~60 km SW of Chapais and a 725-m drilling program has commenced on the project and targets the showings and IP anomalies (see: https://www.linkedin.com/pulse/midland-exploration-inc-md-v-announces-commencement-maiden-lemieux-2ntne/?trackingId=m9NBTpbjRneY82al4llBCg%3D%3D).

2) **Lithium Projects (Li); Eeyou Istchee James Bay**

Up to 6 lithium projects in James Bay are being advanced with different partners:

i) The Galinée Project (100% Midland, in an option agreement with RTEC) is located ~4 km due east of the Adina showing held by Winsome Resources. The Iceberg Showing (grab samples up to 7.2 % Li2O) was discovered along the contact between amphibolites of the Trieste Formation to the south and felsic intrusives to the north. It is marked by a major structure that likely controlled the emplacement of pegmatites at the Adina showing and consists of a series of spodumene exposures outcrop, now over a 600m E-W strike intermixed with amphibolite and granodiorite (see: https://www.linkedin.com/pulse/midland-exploration-inc-md-v-partnership-rio-tinto-new-eric-lemieux/?trackingId=m9NBTpbjRneY82al4llBCg%3D%3D). Data from a recently completed high-resolution airborne magnetic and radiometric survey is currently being used to identify structures that could host spodumene pegmatites and provide drilling targets. A maiden drilling campaign is currently confirmed and being planned on Galinée for early summer 2024 and shall include diamond and possibly the addition of reverse circulation drilling to test the showing and its extensions.

ii) Elrond and Mythril projects (100% Midland, in an option agreement with Brunswick) The Elrond Project is located 90 km SE of the town of Radisson while the Mythril project is near Corvettes' lithium deposit owned by Patriot Battery Metals Inc. The first phase of prospecting successfully discovered the new spodumene-pegmatite Arwen Showing on the Elrond Project (https://www.linkedin.com/pulse/brunswick-exploration-inc-brw-v-midland-md-v-found-elrond-lemieux/?trackingId=m9NBTpbjRneY82al4IlBCg%3D%3D). No lithium phases were initially highlighted on the Mythril Project as the focus shifted towards the Arwen discovery (see: https://www.linkedin.com/pulse/midland-exploration-inc-md-v-brunswick-brw-v-eric-lemieux/?trackingId=NBNrBsABRtupZbqEpcKQhg%3D%3D). The Arwen Showing includes a 75 x 15-m zone visually containing up to 30% spodumene showing and is shallowly dipping to the north. Brunswick is planning to drill-test this new showing in 2024.

iii) Corvette, Chisaayuu and Mythril East projects (100% Midland, in option agreement with RTEC) are located NE and SE of the Corvette deposit held by Patriot Battery Metals Inc. New lithium anomalies in lake-bottom sediments have been identified on Chisaayuu and Corvette following a regional statistical treatment of more than 23,000 analysis and completed by Midland. A first exploration program including LiDAR surveys as well as prospecting and mapping work was successful in identifying several pegmatites. However, no lithium phases were observed. Geochemistry of these pegmatites is underway to determine their full potential to further vector future work. For 2024, further prospecting and mapping work, for lithium mineralization, is planned on these projects.

iv) The Komo Project (100% Midland, in an option agreement with RTEC) is located ~20 km west of James Bay lithium deposit (Arcadium Lithium) which contains indicated resources of 54.3 Mt at 1.30% Li20 and inferred resources of 55.9 Mt at 1.29% Li20. The general area is locus of the contact between the La Grande and Nemiscau geological subprovinces which is a major structure that likely play a critical role in the emplacement of the James Bay lithium host pegmatite. Nearly 30 km of this contact straddles the Komo Project and a new lake bottom lithium anomaly was identified following the regional statistical treatment completed by Midland. A LiDAR survey completed in the summer of 2023 should assist in a follow-up prospecting and geological mapping campaign planned in 2024.

v) Shire, Picard, Warp and Sulu projects (100% Midland, in option agreement with RTEC) are located to the NE of the Whabouchi lithium within amphibolites of the Lac des Montagnes geological Group. They are proximal to the boundary between the La Grande and Opatica geological subprovinces, a major structure that could be critical for the emplacement of lithium-bearing pegmatites in the area. Prospecting and geological mapping programs are planned on these projects.

vi) The Lasalle Project (100% Midland, in an option agreement with Cosmos) is located to the WSW of the Mirage Project of Brunswick. An interpretation of high-resolution magnetic surveys as well as the analysis of imagery data, LiDAR and hyper-spectral data were completed. These works have identified up to 3 new target areas characterized by the possible presence of pegmatites. A first short phase of exploration did not highlight lithium

mineral phases; however, several pegmatites sampled, mostly boulders, indicate the presence of pegmatitic intrusions on the project. While exploring for lithium, a mafic mineralized boulder returned 42.4 g/t Au. Another exploration and follow-up campaign are currently being planned for 2024.

3) Nickel-Copper and Copper-Gold projects (Ni-Cu, Cu-Au); Nunavik and Labrador Trough

2 district scale projects for Ni-Cu and Cu-Au are being advanced with partners:

i) The Nunavik Nickel Project (Strategic Alliance with BHP) saw a 2023 exploration program focused on a major crustal-scale structure that has been identified by the 2022 regional MT survey. This previously poorly recognized structure is potentially favourable for nickel-copper mineralization and was thus followed up with a 1,534-sample lake sediment survey, an airborne Z-Tipper axis electromagnetic survey ("ZTEM") and also 2 phases of prospecting and geological mapping. Results from these surveys have identified new potential targets for follow up with more detailed geophysics and a field campaign.

ii) The Nachicapau Project (Strategic Alliance with SOQUEM) is located in the Labrador Trough, Nunavik, in the Nachicapau Lake area. The 2023 exploration efforts were focused on the Cu-Au-Ag mineralized zone discovered in the summer of 2022, which graded up to 25.6% Cu, 4.90 g/t Au and 162 g/t Ag on grab samples. Soil sampling followed by prospecting in 2023 successfully identified 6 new mineralized veins and 14 boulders over an area of 700 ha. Digenite-bornite-malachite mineralization occurs in calcite-clinochlore veins with grab sample returning grades of up to 13.80% Cu and 1.71% Cu on outcrops, and up to 20.40% Cu in boulders (see: https://www.linkedin.com/pulse/midland-exploration-inc-md-v-soquem-discover-new-project-eric-lemieux/). Geological and structural studies combined with a high resolution geophysical magnetic drone survey is currently planned to further comprehend and generate targets. A prospecting and soil geochemical survey is planned for the 2024 field season.

4) Nickel-Copper Project (Ni-Cu); Grenville

The Tête Nord Project (100% Midland, in an option agreement with RTEC) covers mafic and ultramafic rocks of the La Bostonnais Complex north of La Tuque, which hosts the former Lac Edouard mine. The new Santos Ni-Cu zone was discovered in early 2023, about 8 km north of the former Lac Edouard deposit, following the drill testing of an electromagnetic VTEM anomaly during a 3,450 total metres drilling campaign of over16 drill holes. The discovery hole (MDLD0015) intersected, from 14 m to 80 m downhole depth, several layers with Ni-Cu mineralization within altered gabbro horizons with 1.1% Ni and 0.71% Cu over 2.68m and 0.45% Ni and 0.18% Cu over 10.37m. A second shallow hole was drilled in July 2023 on the

Santos zone ~50 m west of the discovery hole and intersected a mineralized zone grading 0.33% Ni and 0.12% Cu over 39.73m, from 11.66 to 51.39 m downhole depth (see: https://www.linkedin.com/pulse/midland-exploration-inc-md-v-rio-tinto-extend-santos-ni-cu-lemieux/?trackingId=m9NBTpbjRneY82al4IlBCg%3D%3D). The interval exhibits impressive magmatic breccias with decimetre-scale semi-massive sulphide zones, indicative of a dynamic magmatic system at Santos. A target similar to Santos occurs 770 m to the south. The Santos South target consists of a subtle airborne EM located in a very similar fold structure as the Santos occurrence. A drilling program is currently underway and 4 drill holes have been completed in the Santos area for a total of 984.7 m. One (1) drill hole totalizing 306.00 m was also completed on the Santos South target. Drilling continues for additional selected targets (5-7 drill holes) in the Bonhomme and Cutaway-East areas. Results are pending and evaluation of other Ni-Cu targets at the regional scale shall also continue in 2024.

Midland's AGM to be held February 15, 2024 at 10AM.

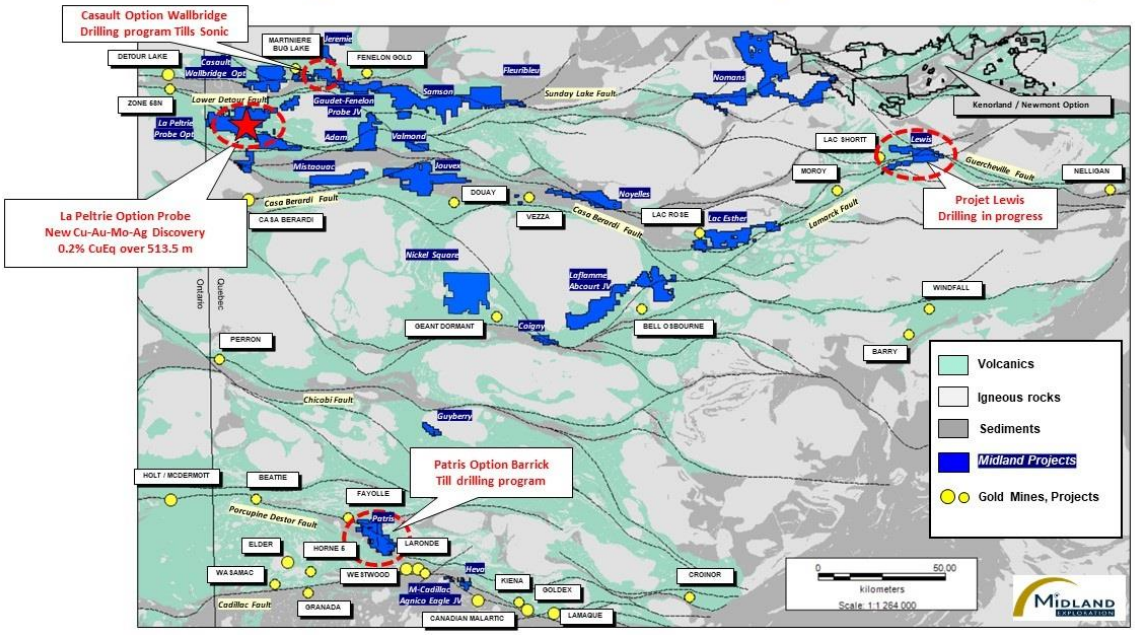
See end: https://www.linkedin.com/pulse/midland-exploration-inc-md-v-provides-overview-its-lithium-lemieux/?trackingId=NQ3bJTA9Tw%2BkPw53Q8kiRg%3D%3D

See also: https://www.linkedin.com/pulse/midland-exploration-inc-md-v-provides-overview-its-2023-eric-lemieux/

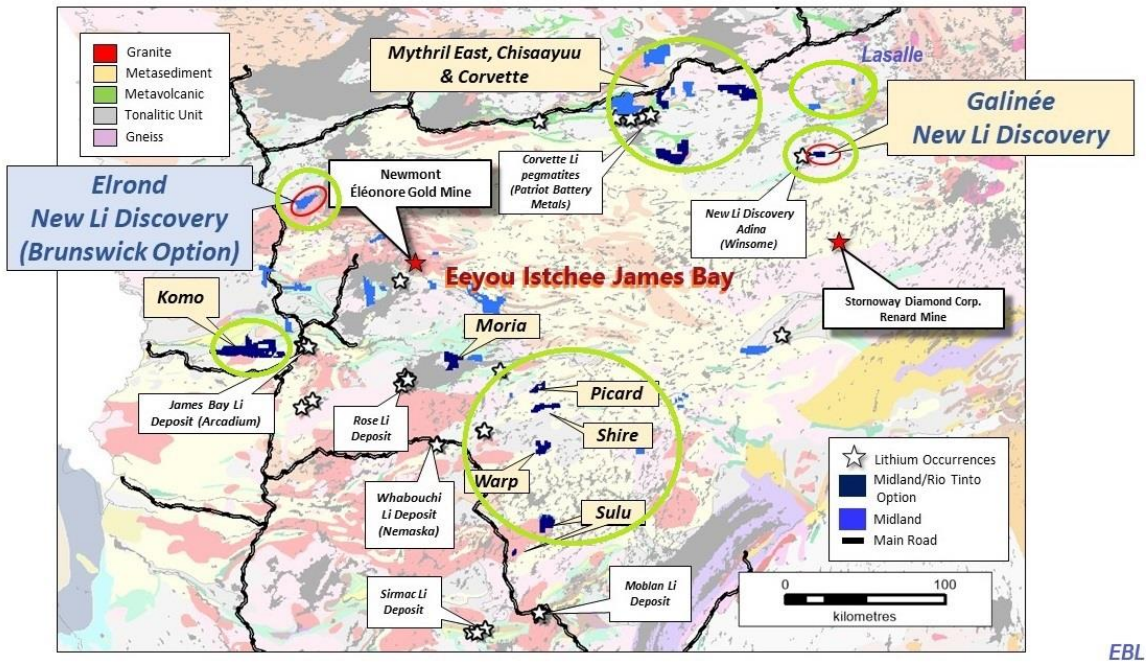
https://midlandexploration.com/wp-content/uploads/2024/02/Midland-Provides-an-Overview-of-Its-2024-Exploration-Activities-with-Its-Partners-and-Also-Follow-Up-on-Its-New-Discoveries-2.pdf


Nunavik
MIDLAND EXPLORATION
Midland / Willbob Au
Soissons Ni-Cu
Labrador Trough
Eeyou Istchee James Bay
Québec
CANADA
Midland/Baie James Li
Midland/ Casault Au
Abitibi
Midland/Agnico-Eagle Au
Midland/Abitibi Au
Grenville
Ceinture aurifère de l'Abitibi
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Abitibi Projects – Midland Projects & JV's



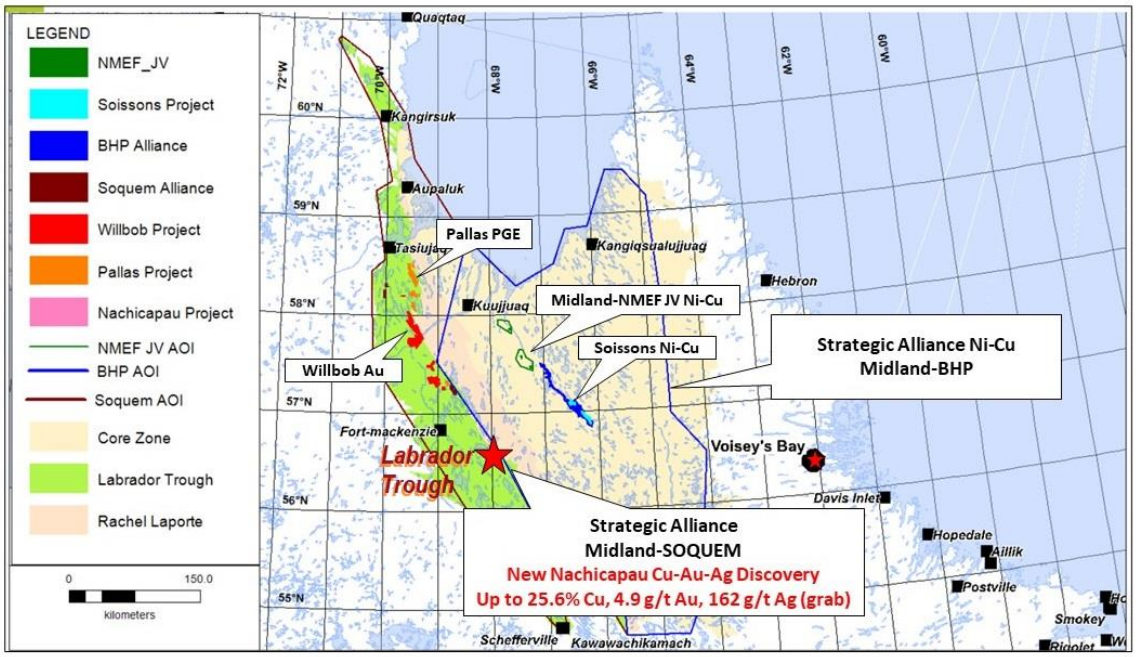
Midland – JV Options for Lithium



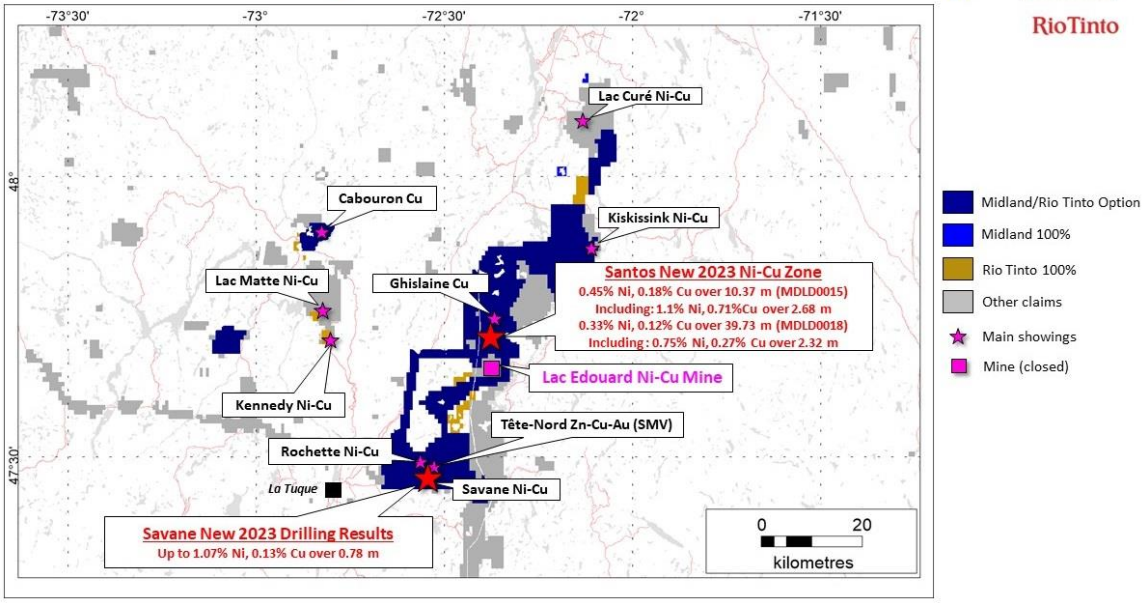
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February 14, 2024

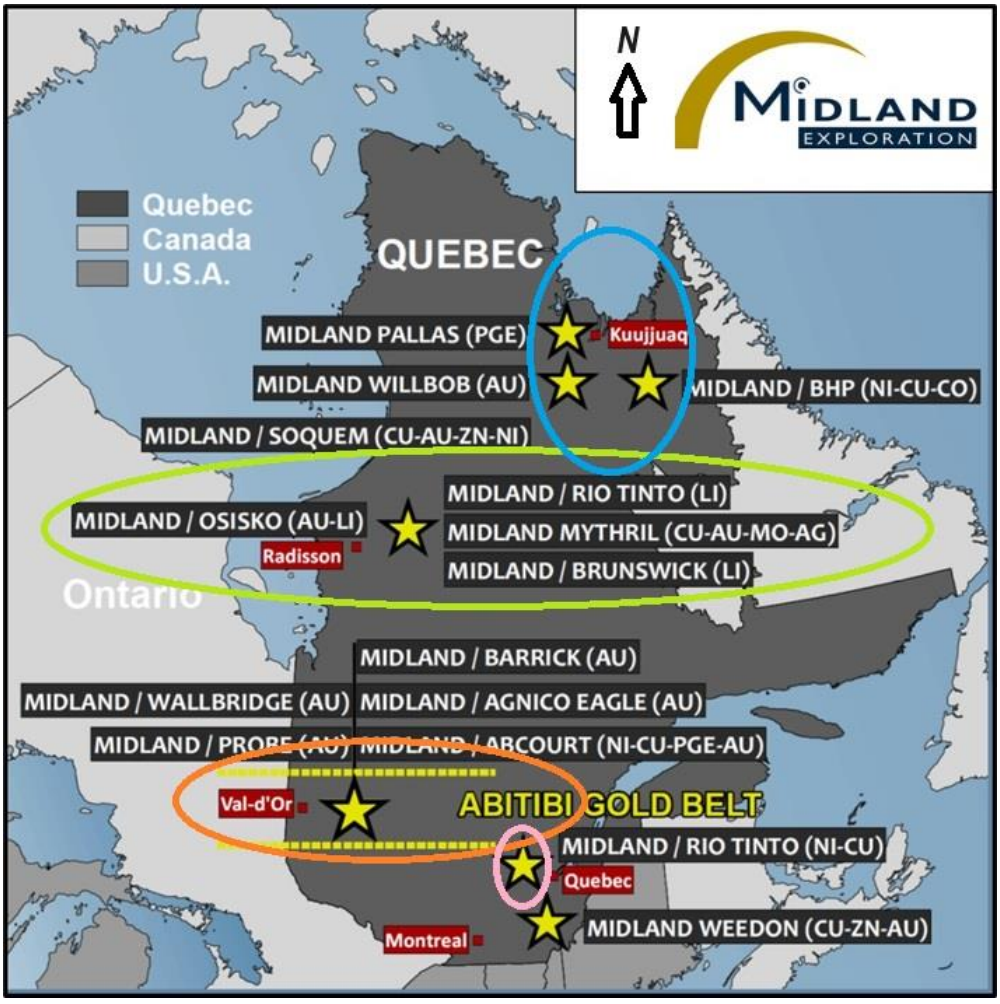
Nunavik –Midland Projects & Alliances



Tête-Nord Project – Santos Location



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MIDLAND
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Company	Ticker	Disclosures*
Midland Exploration Inc.	**MD-V**	**C, V, P, R**

* Legend

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V	The Mining Analyst has visited material operations of this issuer, namely the Mythril, Willbob, Soissons, Pallas, Maritime-Cadillac, Gatineau Zn, Weedon and Ytterby projects.
P	This issuer paid a portion of the travel-related expenses incurred by the Mining Analyst to visit material operations of this issuer.
Q	This issuer has directly paid the Mining Analyst.
R	This issuer has indirectly paid the Mining Analyst.

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