

# Prospector Acquires Drill Ready Portfolio of Ni-Cu-PGE Projects in Quebec

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Vancouver, October 18, 2022 - [Prospector Metals Corp.](#) (TSXV: PPP) (OTCQB: ETHOF) (FSE: 1ET) ("Prospector" or the "Company") is pleased to announce that it has acquired a 100% interest in three Ni-Cu projects in Quebec through staking as part of a broader Ni-Cu-PGE exploration strategy with a focus on high-grade, conduit-hosted deposits hosted within under-explored large igneous provinces such as the Grenville Domain and the Labrador Trough in Quebec. The targeting strategy centers on technical re-evaluation of publicly available geologic and geophysical data to define robust drill ready targets that have been overlooked (Figure 1).

Figure 1. Geological Provinces in Quebec.

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Stated Jo Price, P. Geo, VP Ex. of Prospector: "The properties offer rare district scale opportunities in largely unexplored portions of Quebec. These opportunities are a great example of the PPP strategy to acquire district scale exploration projects which have been traditionally overlooked."

Lac Manitou Project Highlights:

The Lac Manitou Property comprises 10,082 hectares acquired through staking, 85km NE of Sept Iles, QC (Figure 2).

- Underexplored ultramafic complex with existing publicly available 2008 helicopter-borne AeroTEM II data.
- In a thorough review of the historical geophysical data (conductor and decay constants (Tau) amplitude, magnetic expression, shape and size, and taking into account the geologic setting, including the proximity to known nickel-copper-PGE occurrences), Prospector identified three highly prospective conductors as potential initial drill targets that have seen no modern exploration or drill testing to date.
- Strong prospective conductors are coincident with low angle faults and have a strike length of greater than 200m. Locally, historical grab samples are reported to have assayed 1.26% Ni, 1.54% Cu & 0.87% Ni, 0.08% Cu.

Lac Nipisso Project Highlights:

The Lac Nipisso Property comprises 13,051 hectares acquired through staking, 80km NE of Sept Iles, QC with Quebec Hydro Transmission lines crossing the western edge of the claim boundary (Figure 2).

- The Lac Nipisso project covers a series of elongate easterly to northeasterly trending conductors up to 6km long identified on a 1997 Quebec Geologic Survey Dighem survey. A portion of these conductors were also surveyed by a publicly available 20210 helicopter-borne versatile time domain electromagnetic (VTEM) and aeromagnetic geophysical survey.
- The anomalies are mostly strike limited, showing an EM signature on and at the edges of magnetic highs, further indicating the potential for Ni-Cu (Co-PGE) mineralization.

- The project is situated 6km north of the Lac Volant occurrence, a small, massive magmatic sulfide body hosted trending coarse grained gabbro-norite dyke with average grades of 2.3% Cu, 1.9 % Ni and 0.1% Co discovered in 1996 by the Quebec Geologic Survey.

#### Lac Manitou and Lac Nipisso Project Overview

Rocks in the region are part of the allochthonous polycyclic belt of the Proterozoic Grenville Geologic Province. These rocks comprise older Proterozoic gneisses and paragneisses intruded by 1.34 Ga anorthosite complexes, which host gabbro-noritic to troctolitic to pyroxenitic to peridotitic border phase intrusions along their outer margins. The anorthosite complexes are of the same age and trans-continental suite of rocks which host the Voisey's Bay Ni-Cu deposits in Labrador to the east. The anorthosite complexes and associated rocks are interpreted to have been emplaced in an intracontinental extensional environment, which provided trans-crustal conduits for the emplacement of high-Mg mafic magmas prospective for Ni-Cu-(Co-PGE) magmatic sulfide mineralization. The Grenville Province contains a number of these anorthosite massifs and associated more mafic to ultramafic rocks, as well as several other generations of mafic dykes, plutons, and complexes, all of which have potential to host magmatic Ni-Cu (Co-PGE) deposits. The most prospective areas are associated with major structures that transect or border the anorthosite complexes. Specific target areas considered to be most prospective for Cu-Ni-(Co-PGE) deposits are associated with these volumetrically subordinate mafic to ultramafic portions of the otherwise dominantly anorthositic complexes, and commonly exhibit coincident conductive electromagnetic anomalies and positive magnetic anomalies. Grades of known massive magmatic sulfide occurrences elsewhere in the region, such as the Lac Volant Ni-Cu occurrence, are in the range of 1.5% Ni and 2% Cu

#### Figure 2. Lac Manitou and Nipisso Project Locations and Geology Map

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#### Nemo Project Highlights:

The Nemo Property consists of 15,695 hectares acquired through staking, in the southern Labrador Trough, QC, located 80 km northeast of Schefferville.

- District Scale - Property situated on the largely poorly explored north-central portion of the Doublet Terrane, with abundant voluminous differentiated gabbro-peridotite sill-form intrusions (Figure 3).
- Overlooked - Very underexplored, but with favorable mafic-ultramafic intrusions, and known historical Ni-Cu magmatic sulfide occurrences in the northern block, associated with historical frequency-domain EM anomalies, that have not been followed up with modern Time Domain (VTEM) geophysics, detailed magnetics or drilling
- Proven Regional Endowment - A cluster of nine small bodies of magmatic sulphides, in aggregate approximately 4.8 M tonnes @ 0.87% Cu, 0.52% Ni and 0.84 gpt PGE, with individual deposits ranging from 0.03 M to 1.37 M tonnes, occur in the Blue Lake area in the southern portion of the Doublet Terrane (LaFosse Platinum Group, 1989). While this style of sill-margin net-textured to massive magmatic mineralization is not the ultimate target of Prospector's planned exploration, it is nonetheless an important indicator of process and prospectivity in the region.

#### Figure 3. Nemo Project Location and Geology Map

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#### Nemo Project Overview

The Nemo project comprises 15,695 ha located 80 km northeast of Schefferville and represents a rare

opportunity to acquire a large claim area of previously poorly explored mafic-ultramafic rocks within the prospective Doublet Terrane of the Labrador Trough.

The Labrador Trough represents the easternmost segment of the 1.88-billion-year-old Circum-Superior Large Igneous Province that, in its northern and western portions, hosts the largely well explored Cape Smith and Thompson Nickel Belts respectively. However, the Trough remains one of the geologically least thoroughly explored regions of Canada. It hosts voluminous mafic-ultramafic rocks of the Montagnais Sill Complex, and attendant high-Mg basalts, that are related to the Ni-Cu-PGE mineralised mafic-ultramafic rocks hosted in neighbouring segments, and exhibits abundant evidence for hot, high-Mg melts and strong differentiation required for Ni-Cu-PGM transport and deposition, as well as hosting abundant sulphidic metasediments as a source of crustal sulphur to combine with the magmatically derived metals. In addition, the Labrador Trough encompasses a large scale crustal-penetrating northwest trending fault system at the margin of the Archean Superior Province that provided ideal mineralising conduits for mantle-derived magmas. Exploration will focus on high-grade conduit hosted Ni-Cu-PGM deposits hosted by potential feeder systems to the mafic-ultramafic sills, that garner a high value, occupy a small footprint, and commonly occur in clusters. Historical exploration largely focussed on outcropping occurrences of Ni-Cu-Fe sulphides along planar sill margins where the mafic-ultramafic intrusions are in contact with sulphidic sedimentary rocks, and comprised some frequency domain EM surveys and prospecting, with little to no drilling.

#### Planned Work Programs

Following a digital compilation and audit of the available historical data for the projects, initial Helicopter VTEM surveys may be flown, followed by prospecting programs to target and ground truth mineralization with an emphasis on potential structural controls. Localized ground geophysics of selected targets would likely follow should this be warranted to define highly conductive buried targets in potential feeder systems.

#### Qualified Person

The technical content disclosed in this press release was reviewed and approved by Jo Price, P.Geo., M.Sc., VP Exploration of Prospector, and a Qualified Person as defined under National Instrument NI 43-101 ("NI 43-101").

#### Termination of Option Agreement for Perk-Rocky Property

Prospector also announces that it has given notice to vendors 1026452 BC LTD. and Doug Leishman to terminate Prospector's option to acquire up to a 100% interest in the Perk-Rocky Property, located in British Columbia, pursuant to the property option agreement dated May 10, 2019, as amended July 23, 2021.

#### About Prospector Metals Corp.

[Prospector Metals Corp.](#) is a Discovery Group Company with a business model focussed on district scale, early-stage exploration of gold and base metal prospects and create shareholder value through new discoveries. The Company's focus is to identify underexplored or overlooked mineral districts which display important structural and mineralogical similarities with well-endowed mining camps. The majority of the projects acquired by Prospector occur in Ontario, Canada, which is a tier-1 mining jurisdiction with abundant overlooked geological regions with high mineral potential. Prospector engages proactively with local and Indigenous rightsholders and seeks to develop relationships and agreements that are mutually beneficial to all stakeholders.

On behalf of the Board of Directors,  
[Prospector Metals Corp.](#)

Alex Heath, CFA  
President & CEO

For further information about Prospector Metals Corp. or this news release, please visit our website at

prospectormetalscorp.com or contact Alex Heath at 604-354-2491 or by email at alexh@prospectormetalscorp.com.

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