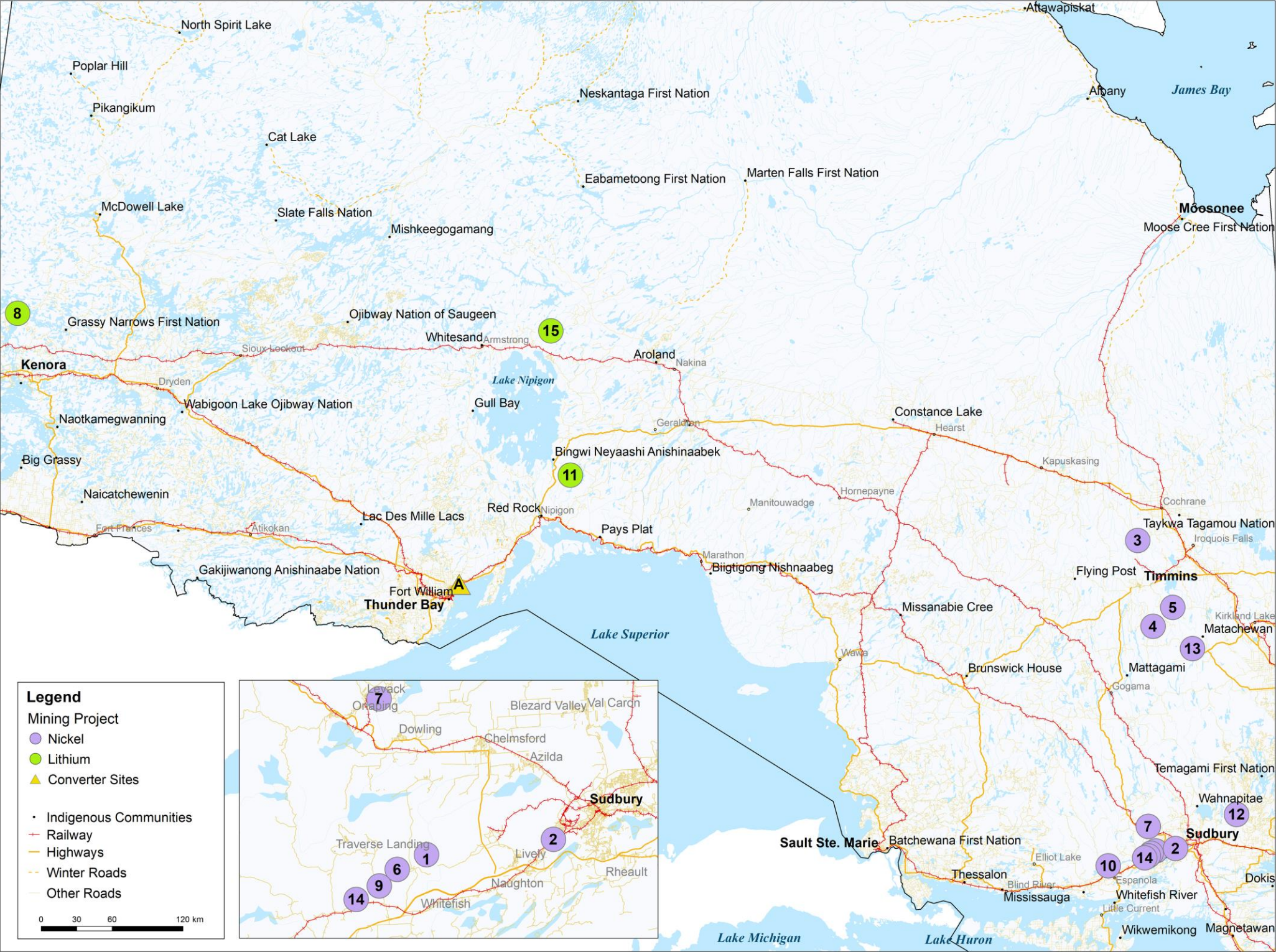


Examples of Critical Mineral Projects (Nickel, Copper, Lithium) in Close Proximity to Existing Infrastructure



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- 1

Lockerby East Project

SPC Nickel

Located in the Sudbury Mining Camp, adjacent to past producing [Lockerby Mine](#). Advanced stage exploration in progress. Company documents describe historic resources >20Mt of Ni and Cu- pending verification. Cooperation agreement signed with Vale to consolidate ownership of the 3 deposits on the property.
- 2

Copper Cliff Mine South Complex

Vale

Doubles ore production at the [copper cliff mine](#). Expansion of existing mining infrastructure. Expected to produce 10,000t nickel and 13,000t copper/ year in the first phase. Feasibility studies are currently underway for future development phases.
- 3

Crawford Nickel Sulphide Project

Canada Nickel Company

Company [reports](#) it is now the world’s second largest nickel reserve. With updated bankable feasibility [study](#) showing proven & probable reserves of 1.7 Bt. This is 154 X bigger than the resource estimate of Eagle’s Nest [Ring of Fire], which is 11Mt. Partnership with Taykwa Tagamou Nation [hydro line, fleet financing, impact assessment, regional exploration agreement] and agreement with Mattagami First Nation [impact assessment].
- 4

Texmont Nickel Sulphide Project

Canada Nickel Company

Property is a past producing mine. Company [reports](#) encouraging metallurgical test work
- 5

Shaw Dome Project

EV Nickel

Measured and Indicated total resources at 1.4Mt. [Considered](#) by company to be close to near-term nickel production. Potential for additional development on a nearby deposit
- 6

Crean Hill Project

Magna Mining

[Past producing mine](#) [brownfield site]. [43-101 Technical Report](#) (13/09/2023) indicates that project could produce up to 20.1 million metric tonnes over a 15 year mine life. In an area with over 100 years of mining operations

- 7

Onaping Depth Project

Glencore

[Past producing mine](#) [brownfield site]. 227 Kt Ni, 204 Kt Cu, 1.7 Moz Pt, Pd, Au in an area with over 100 years of mining operations
- 8

Separation Rapids Lithium

Avalon Advanced Materials

Measured and Indicated resource estimates for [this project](#) total at 4.04Mt of Li. Property in proximity to both CP Railway and CN Rail Line. MoU signed with the Wabaseemoong Independent Nations of Whitedog (renewed in 2013). Discussions are underway with other communities. Grassy Narrows has identified some concerns. Property purchased in Thunder Bay to construct Lithium Processing Facility. Has a European (Belgian) partner, Sibelco.
- 9

Victoria Mine Project

KGHM International

Project indicated resource estimate reports 500 Kt Ni and Cu. Company also [indicates](#) that all ore produced by the project would be transported on an existing public highway to an existing mill, synergies with processing facilities at the Sudbury Mining Camp readily available.
- 10

Shakespeare Project

Magna Mining

Feasibility stage [project](#) with indicated open pit resource at 16.5Mt of Ni, Cu, Co, Pt, Pd. Located at past producing mine, surrounding property indicates a land package that is highly prospective for further exploration/discoveries. IBA [with Sagamok First Nation](#) from previous owner (Ursa) provides framework within which Magna and the community will continue to work together.
- 11

Georgia Lake Project

Rock Tech Lithium

Mineral resource estimates for this project at 10.6 Mt of indicated lithium oxide. [The property](#) is located between Nipigon and Beardmore, and access to it ranges from 1-3km to the Trans Canada Highway. Company [reports](#) supply agreement with Mercedes Benz. [Company](#) is considering either Thunder Bay or Northern US for converter site.

- 12

Janes Project

SPC Nickel

[Project](#) indicated resource estimate reports 500 Kt Ni and Cu. Company also indicates that all ore produced by the project would be transported on an existing public highway to an existing mill, synergies with processing facilities at the Sudbury Mining Camp readily available.
- 13

Midlothian Property

Canada Nickel Company

Early exploration Nickel [project](#) near Timmins. Company reports preliminary drill results reveal larger potential footprint than the flagship Crawford project. Property is accessible by an all-weather gravel road from Matachewan.
- 14

Aer Kidd

SPC Nickel

Nickel, Copper and Platinum Group Metals early exploration project near Sudbury. [Site](#) contains 3 past producing mines, 2 active smelters. Project stages too early for Mineral Resources estimate, but Company reports that host rock and mineralization is similar to what is observed at the nearby Totten Mine (Vale) and Victoria deposit (KGHM).
- 15

Armstrong Project

Green Shift

Adjacent to Seymour Lithium Project from Green Tech. Currently [undergoing](#) mapping and sampling program with 91 samples taken so far. [MOU](#) with Whitesand First Nation.¹

1.

Whitesand First Nation issued an exploration [moratorium](#) in April 2023. Presumably this project will go ahead since agreement was signed on Oct. 10th

Potential Converter

A

Avalon Advanced Materials

has purchased former pulp and paper property in Thunder Bay that could become location of a new lithium hydroxide processing facility. Want to take lithium from a [range](#) of producers, not just Avalon mines. Some [questions](#) were raised about financial viability of global processing plant in recent Globe and Mail article. Chief of Fort William [indicated](#) there has been no formal consultation between Avalon and the community.²

2.

A second company, Green Technology metals, has [identified](#) a “suitable land package” in Thunder Bay for a lithium conversion facility. Location within Thunder Bay TBD.