

Development of an Embeddable Live Web Map for Major Mining Projects and Operating Mines in Northwestern Ontario

Introduction

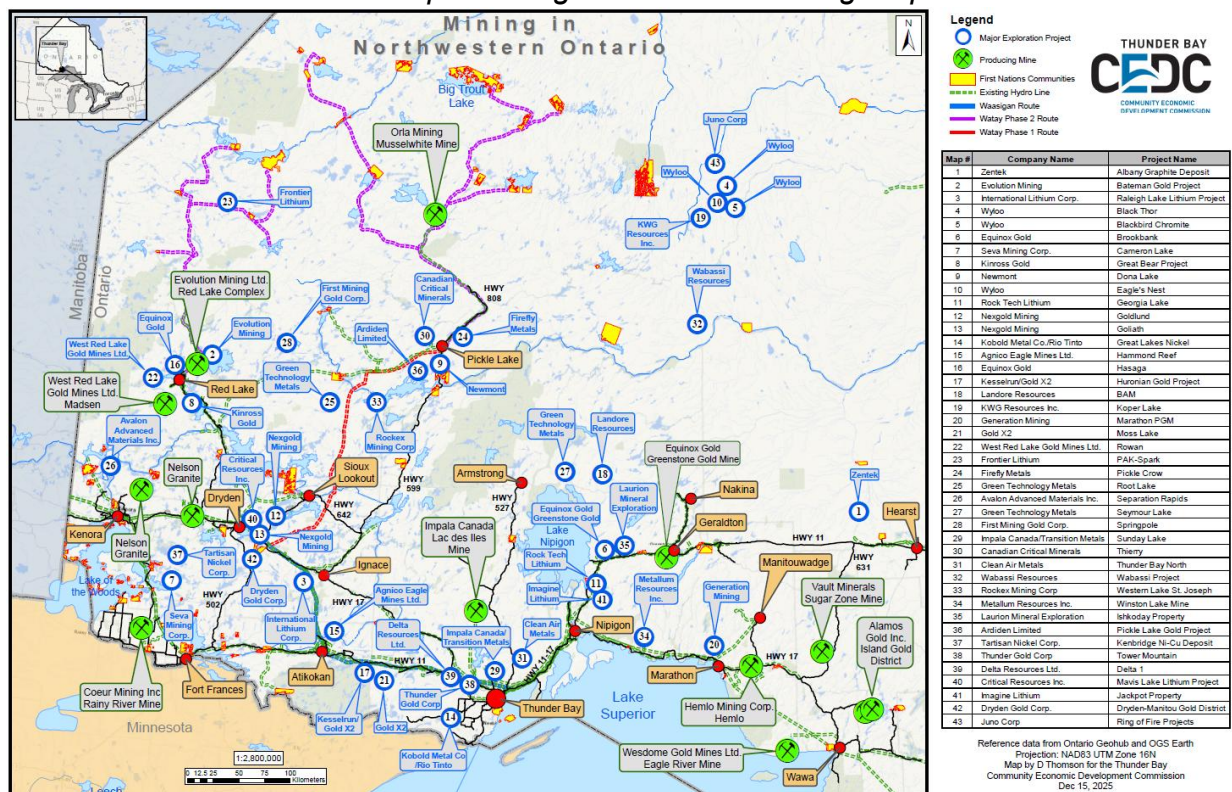
The Thunder Bay Community Economic Development Commission (CEDC) invites proposals from qualified firms or consultants to create an embeddable, interactive web map of major operating mines and advanced exploration projects in Northwestern Ontario. The web map will update CEDC's existing annual static mining map and be published on the CEDC website (<https://miningdirectory.gotthunderbay.ca/>).

The map supports investment attraction, business development, supply-chain awareness, regional promotion, and engagement with industry, government, Indigenous communities, and the public.

Background

Northwestern Ontario is a significant mining and mineral-development region, and Thunder Bay is a regional service, supply, transportation, workforce, and business hub. A clear, current map of projects, operating mines, and supporting infrastructure helps communicate the region's economic opportunity.

Reference map: existing CEDC static mining map.



Project Objectives

- Deliver a live, public-facing web map for the CEDC website.
- Create a practical dataset and update process that CEDC staff or designated users can maintain.
- Produce matching static map graphics for web, handout, and large-format promotional use.

Scope of Work

CEDC will provide its existing static map, a working list of projects, and available supporting information. The proponent will organize the data, identify material gaps or obvious errors, and prepare the mapping products. Comprehensive primary research or broad data acquisition is not expected within this budget.

Web Map and Data

- Develop an embeddable, responsive web map showing operating mines and selected advanced exploration projects in Northwestern Ontario.
- Configure clear symbology, a legend, basic navigation, layer controls, and project pop-ups. Pop-ups should present available project information and a source or project link.
- Prepare a GIS-ready spatial and attribute dataset. Core attributes should include project name, company/proponent, project category or stage, primary commodity, location, brief description, source link, and last-updated date.
- Include only the contextual layers needed for clarity, such as communities, First Nations communities, major highways, rail corridors, major electrical transmission lines, water bodies, and regional reference geography.

Update, Technical, and Review Requirements

- Recommend and implement a low-cost, maintainable platform and hosting approach compatible with the CEDC WordPress website. Any ongoing or third-party cost must be clearly identified and approved by CEDC.
- Provide a straightforward workflow for authorized users to update project records, links, status, and locations without rebuilding the map.
- Use accessible, public-sector-appropriate design; provide appropriate data attribution; must conform with AODA guidance from City of Thunder Bay.
- Complete functional and visual quality assurance and provide up to two consolidated CEDC review cycles: one for the web map/data and one for the static map.
- Provide a brief administrator guide and one virtual training session for designated CEDC staff.

Static Map Products

- Create a print-ready and web-ready static map using the same core dataset as the web map.
- Provide a high-resolution large-format map suitable for a mining convention booth or display, with final dimensions confirmed by CEDC.

Deliverables

- Live interactive web map, ready to embed on the CEDC Mining Directory, with the approved embed method or code.
- Master project dataset in GIS-ready format, including basic metadata and a source register.
- Web-ready/print-ready static map and high-resolution large-format map files.
- Editable source files where licensing permits, a brief administrator guide, and one virtual training session.

Ownership and Public-Sector Considerations

CEDC will own the final project dataset and will receive unrestricted internal-use rights and the right to publicly display and distribute the web map and static graphics. The proponent must provide files and documentation required for CEDC to maintain the map, subject to any disclosed third-party licensing terms.

Pricing and Budget

The total upset limit for this project is \$5,000, exclusive of applicable taxes. Pricing must identify all fees, optional items, and any anticipated ongoing or third-party costs.

Timeline

Proponents should provide a concise schedule. CEDC anticipates completion within 6 to 8 weeks of project kickoff. The project must be completed by December 31, 2026.

Experience and Qualifications

Proponents should demonstrate experience delivering comparable interactive mapping, cartographic design, data visualization, or investment-attraction work. Experience serving municipalities, economic development organizations, public agencies, Indigenous communities, or resource-sector stakeholders is an asset.

Proposal Requirements

Proposals should be concise and include:

- Brief firm profile, relevant experience, and proposed project team.
- Proposed approach, platform, deliverables, assumptions, and exclusions.
- Project schedule and fixed pricing proposal.
- Two relevant examples or references.

Questions and Submission

Submit questions and proposals by email to:

Mike Barten

Senior Business Development Officer

Mike.Barten@thunderbay.ca

Proposal deadline: October 9, 2026, at 4:30 p.m. Eastern Time.