

13.2 Site Map

Strange Lake Rare Earth Mining Project main components are shown on maps provided at section 9 (Maps 9-1, 9-2 and 9-3). The communities nearest to the Project area are presented on Maps 3-2 and 3-3. At section 14 the watersheds, the land regions and districts as well as the caribou protected areas are presented Maps 14-1, 14-2, 14-3 and 14-4. Below, Maps 13-1 and 13-2 present the mining claims and the bedrock geology respectively.

13.2.1 Study areas

In order to carry out the different surveys and evaluate the project's impact on the different Valued Ecosystem Components, three study areas have been elaborated for the northern components as well as the Sept-Îles components.

The project study area consists of a 200 m buffer zone around different components. For the northern components (mine site, road corridor, and container storage and handling facilities), the 200 meter buffer zone was established from the mining lease or the preferred road corridor. A larger buffer could be considered in certain area of the road, should the landuse study suggest it would be pertinent. As for the Sept-Îles components, the 200 m buffer was added to the lot limits (Map 13-3 and 13-4). The project study area will be used to carry out most of the biophysical component's surveys.

The local study area for the northern components, which will be used for the land use study, corresponds to a 20 km buffer on either side of the road corridor, as well as a 50 km radius around the mining lease (Map 13-3). This 50 km radius covers the flow of water between Lake Brisson and George River. It also covers the Lac de la Hutte Sauvage, including the Wedge Point site (located on the western shore of the lake), which is an area of great historical and cultural importance to the Quebec Innu. It is important to note that an Innu from Matimekossh operated an adventure tourism business in 2012-2013 at this location. This local study area will also be used for the caribou component as they travel long distances and it will cover historical caving sites. For the Sept-Îles components, a 1 km buffer zone was established from the lot limits (Map 13-4). This study area will be used for the land use study.

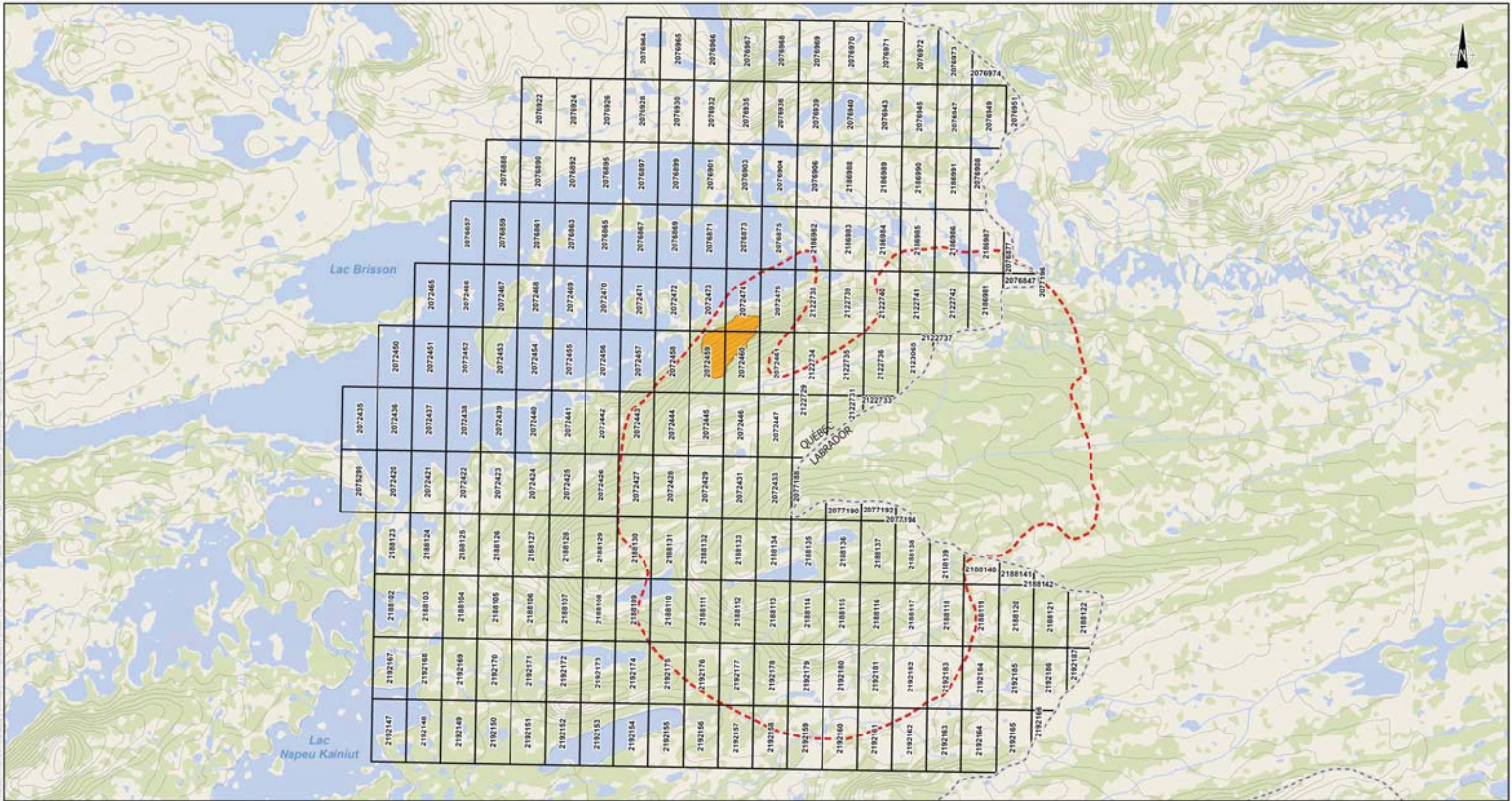
The regional study area takes into consideration all the communities that will be impacted by the project (Map 13-5). The socio-economic conditions, local capacity and workforce analysis will be carried out within the limits of the regional study area. The human health, quality of life and psychosocial impacts will also be analyzed using this regional study area. The regional study area is the same for the northern components and the Sept-Îles components.

These study areas are preliminary and will be reevaluated once the final footprint of the components is established and the impact assessment is initiated.

13.3 Official Land Description

All the mineral claims covering the B-Zone of the Strange Lake Project are owned in totality by Torngat Metals. The project is covered by 209 individual mineral claims in Québec and 63 "cells" in the Newfoundland and Labrador claims licence system. Those claims are covering a total area of approximately 9 994.65 ha (MICON, 2019). Map 13-1 illustres the Torngat Metals mining claims. The mineral claims in Québec cover the B-Zone and a portion of the Main Zone REE deposits. The current Torngat Metals claims cover the known extent of the Lac Brisson Pluton also known as Strange Lake Alkaline Complex (SLAC). Map 13-2 illustrates the Strange Lake Alkaline Complex (SLAC) as well as the property geology in relation the site topography.

The proposed rare earth processing and high purity separation plant will be located in the "Parc industriel ouest – Jonction Arnaud" in the industrial port facility of the City Sept-Îles (QC). In this case, the closest inhabited area (a portion of the city of Sept-Îles) is located less than 3 km south of the proposed process plant site. In addition, the Sept-Îles detention facility is less than 2 km southwest of the planned plant site.



- Complexe alcalin du lac Strange / Strange Lake Aikalic Complex
- Gisement minier de la Zone B / B-Zone Mineral Deposit
- Titre minier actif de Métaux Torngat / Torngat Metals Active Mining Claim

PRÉLIMINAIRE / PRELIMINARY



NAD 1983 UTM Zone 20N
Product: Map 13-1 - Torngat Metals claims
Date: 2023-08-28 08:11

Source: Données topographiques / Topographic Data: NRCan (2022)
Titres miniers / Mining Claims: NRCan (2023)

Carte 13-1
Titres miniers de Métaux Torngat
Map 13-1
Torngat Metals claims