

Project Description – for Category B, C and D Projects

Project Title

Onion Lake West Bulk Sampling Project

Project Summary

The applicant proposes to remove test blocks of white granite to test potential for dimension stone. The blocks will be cut by diamond wire saw (i.e., no drilling or blasting) with a total less than 700 tonnes and less than 300 tonnes of waste rock. Additional bedrock stripping, core drilling and ASTM (American Society for Testing and Materials) testing will be completed synchronous with block extraction. There are three test sites included in the project area: Site A (16U, 344617E, 5397878N) and Site B (16U, 344055E, 5397120N) and Site C (16U, 343325E, 5396824N). The applicant proposes to start work in late May 2016 proceeding until April 29, 2018, i.e. to end of early exploration permit PR-15-10657a. Access is via Barnum Lake Road, Aberdeen Road and new access trails completed for mechanized stripping. There has been previous disturbance by exploration and forestry activities; there has been no previous mining on this site.

A map is attached below to illustrate the proximity of the three test sites to water bodies, roads, and trails.

Screening Results

MNRF District Office (Thunder Bay) has no concerns about wildlife, etc. (e.g. species at risk), CLUPA indicates G2622 – Spruce Current which is a general use area with mineral exploration/development and aggregate extraction permitted. MTCS has no concerns about cultural heritage resources. There are no residences or other activities (except mineral exploration projects) nearby. The screening of this project indicates that no additional environmental effects are anticipated.

Mitigation Measures

The applicant will use a wire saw rather than explosives. Signage and road monitoring will be employed during block extraction for public safety. All exploration work will be completed to the Provincial Standards per the early exploration permit. Site rehabilitation will be completed to the standards of O. Reg. 240/00 or Aggregate Resources Act.

Next Steps

No additional studies are required for this Category B project; the Notice of Opportunity will be posted to the Environmental Registry and circulated to potentially affected Aboriginal Groups and provincial agencies.

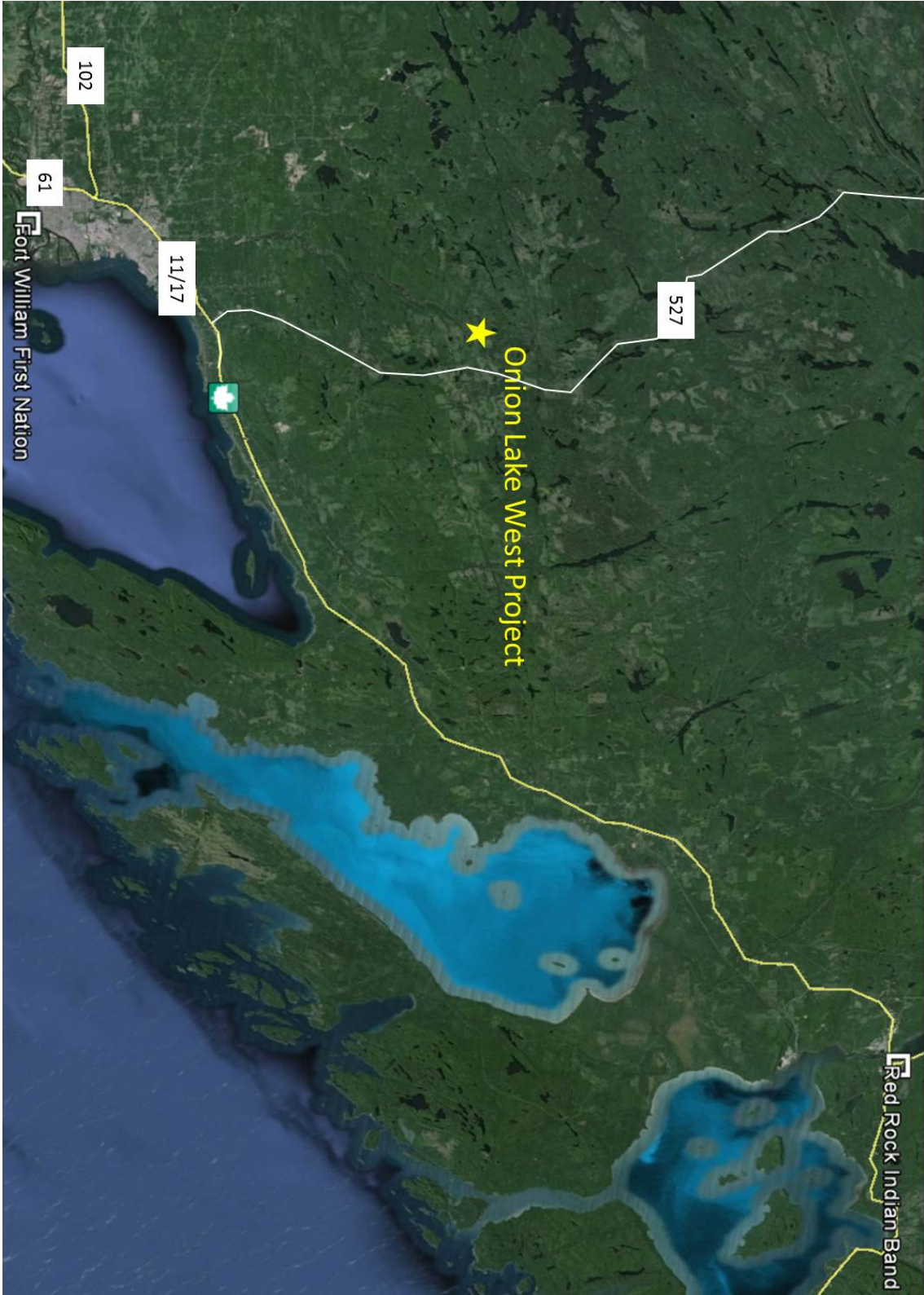


Figure 1- Regional Map - Onion Lake West

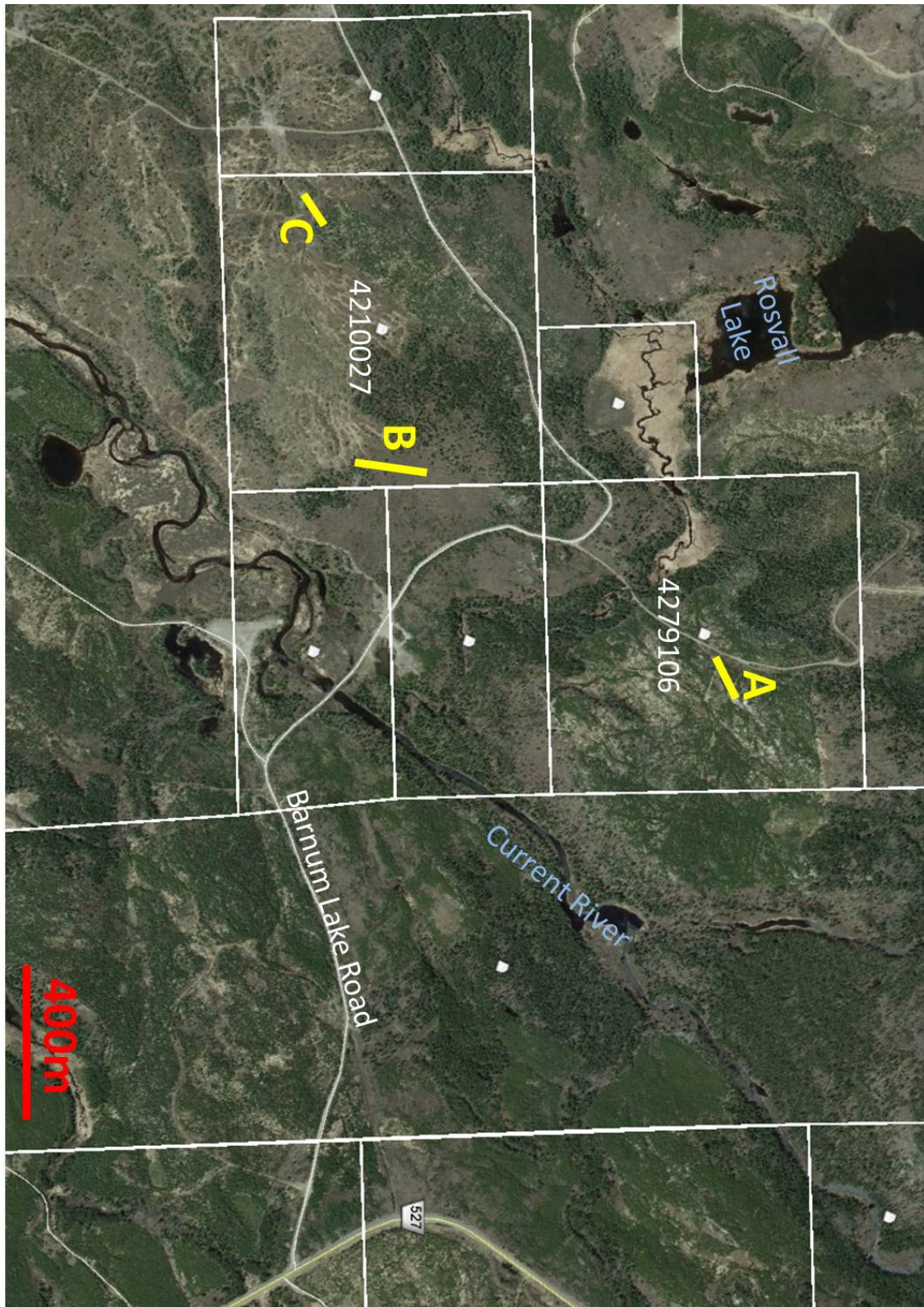


Figure 2 - Project Map - Onion Lake West