

Northstar Gold Corp., Early Exploration – Miller Project

Project Summary

This proposed Category B project is being carried out in accordance with the Ministry of Northern Development and Mines' (MNDM) *A Class Environmental Assessment for MNDM's Activities under the Mining Act* (Class EA).

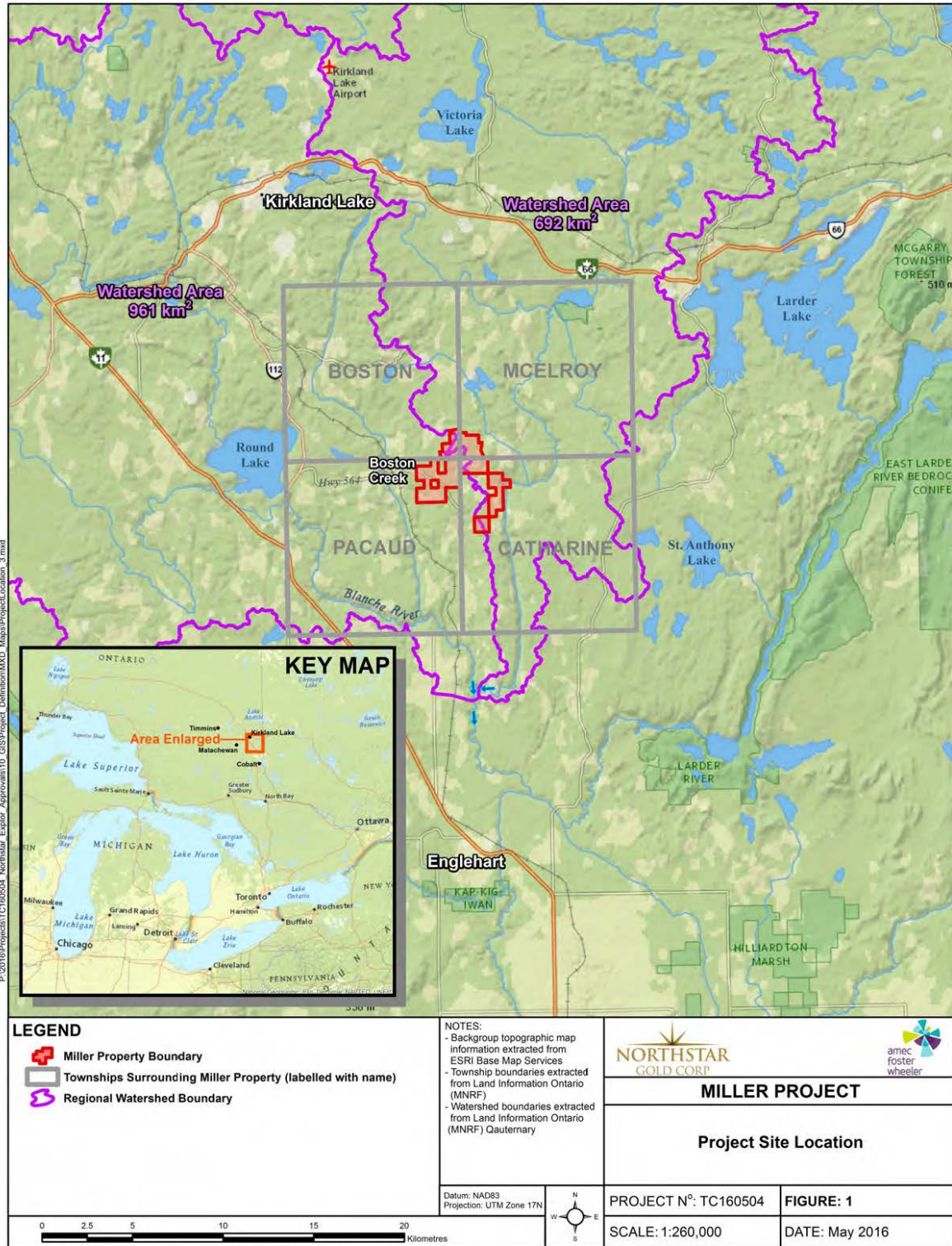
Northstar Gold Corp. (Northstar Gold) intends to extract up to approximately 972 tonnes of a mineral bulk sample by means of digging a maximum of three small trenches. The proposed trenching is primarily in areas of exposed bedrock. The location of the bulk sample has been subject to historical mining and exploration activities and is heavily disturbed. The project area is not heavily forested as it lies within a Forest Management Unit and has been subject to previous forestry activities.

Location

The project is located within mining claim 4267277 in the Township of Pacaud. Surrounding townships include: Boston, McElroy, and Catharine. Access to the site is via Jones Road, an existing road that is maintained by Pacaud Township, which extends from the Boston Creek area.

Land parcels are held in the townships of Boston, Pacaud, McElroy and Catharine, located approximately 10 km north of Engleheart, 25 km southeast of Kirkland Lake and 15 km southwest of Larder Lake (Figure 1).

Figure 1: Regional Map



Proposed operation schedule

No dates have been provided at this time, though Northstar Gold is estimating the project to take one month to complete.

Pit Site, Placement and Dimensions

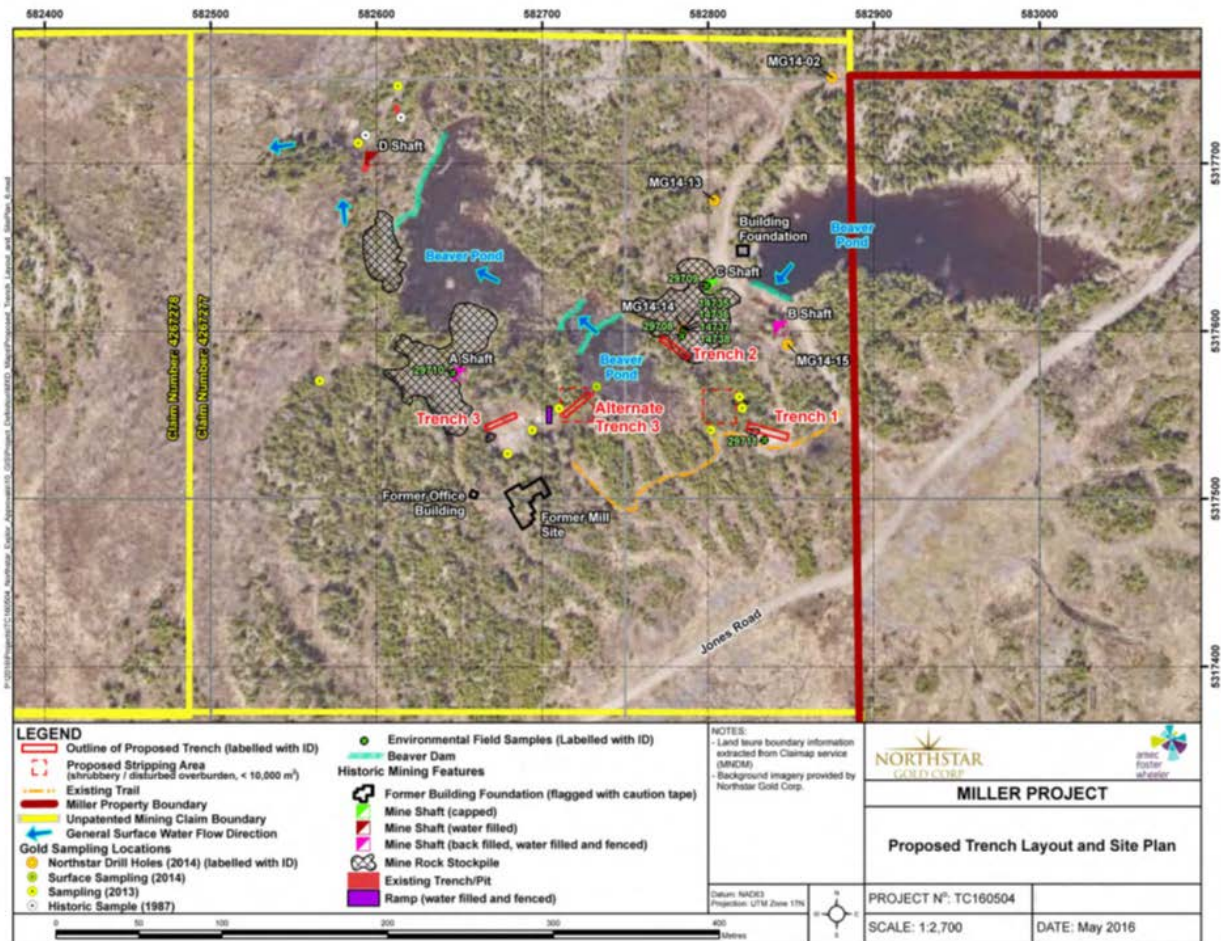
The area is heavily disturbed as it has been subject to historical mining and exploration activities. The proposed trench details are as follows (subject to field fitting within approximately 50 meters):

Trench 1: Dimensions are 25 m X 4 m X 1.5 m deep to produce approximately 405 tonnes of rock with a volume of ~150 m³). Additionally this trench will also comprise an area of stripping with dimension 20 m X 20 m in an area 25 m northwest of this Trench 1) (See Figure 2).

Trench 2: Dimensions are 20 m X 3 m X 2.5 m deep to produce approximately 405 tonnes of rock with a volume of ~150 m³.(See Figure 2)

Trench 3: Dimensions are 20 m X 3 m X 1 m deep to produce approximately 162 tonnes of rock with a volume of ~60 m³ (See Figure 2). As an alternate to this work a “Alternate Trench 3” is being considered (see attached Figure 2), which will involve stripping of an area 20 m X 20 m area near to the current ramp location(See Figure 2).

Figure 2: Site Map with Proposed Trenches



Traditional Land Use

The Matachewan First Nation is the nearest Ontario based First Nation Reserve and is located approximately 50 km to the northwest. No project facilities will be located there.

However, Northstar Gold has been consulting with Timiskaming First Nation and Matachewan First Nation since the spring of 2013, reaching MOU agreements with both communities in June 2015. Northstar Gold has attempted to consult with Wahgoshig First Nation but they have so far shown no interest in meeting or discussing the proposed exploration.

Relevant mining history

The site has been subject to historical exploration activities since 1915 (e.g., stripping, drilling, several shafts) and is heavily disturbed. Although disturbed by past mining and exploration-related activities and forestry, it is otherwise undeveloped. Please see Appendix A for a photographic summary.

Mine hazards on mineral claim 4267277 include one ramp (water filled and fenced) and four shafts (two of which are capped, one is filled with waste rock and water and is fenced; and one is water filled).

Current Setting/ Environment

Land uses at the site have been limited to mineral exploration and forestry.

The project area is heavily disturbed (mineral exploration extending back to 1915.)

Screening Results

This project has been screened to a Category B in accordance MNDM's Class EA.

This proposed project is expected to have minimal environmental effects. The project screening identified potential impacts to Eastern whip-poor-will and potential archaeological resources, both of which can be mitigated using standard measures.

Mitigation Measures

Potential impacts of the project on Eastern whip-poor-will, a species at risk listed as "threatened" will be avoided by hauling material out of the site during daytime hours only. Potential impacts to archaeological resources (from historic mining and exploration activities) will be avoided by ensuring that all activities take place away from existing mine hazards.

MNDM will include additional information pertaining to archaeological resources in the permission letter, and attach terms and conditions to the exploration permit, as required.

All exploration work will be completed to the Provincial Standards per the early exploration permit.

Best management practices and industry standards will be employed for the use and storage of explosives and fuel.

Next Steps

No additional studies or information gathering is required for this Category B project at this time. A Notice of Opportunity to Comment has been posted to the Environmental Registry as an Information Notice and circulated to potentially affected Indigenous communities and provincial agencies.

Once the 30-day comment period has ended and MNDM is satisfied that any concerns expressed by interested persons or Indigenous communities have been addressed, MNDM will prepare a Statement of Completion, add it to the project file and post it on the project web page.

Appendix A – Photographic summary

Plate 1: C Shaft Muck Pile Area



Plate 2: Casing - Hole MG14



Plate 3: Trench 1 Area



Plate 4: Trench 2 Area



Plate 5: Trench 2 Area



Plate 6: Trench 3 Area

