Waste Management Plan

TTMG Project Bathurst Inlet, NU

Date: Feb. 15th, 2022

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INTRODUCTION

Bathurst Metals Corp. ("Bathurst") is a Canadian owned, Vancouver based company which conducts mineral exploration programs in Nunavut, Canada. Bathurst recognizes the importance of our role in discovering mineral deposits and that our exploration programs must be conducted in a socially and environmentally responsible fashion.

This document describes the practices undertaken by Bathurst for managing waste from exploration activities at the TTMG Project (the "Project"), located in the Bathurst Inlet area of Nunavut.

Planned work will include diamond drilling. Timing of the land use operation is proposed for the summer months with contingency time extending into early fall.

Bathurst is committed to maintaining sound environmental practices in all its activities. To achieve this, Bathurst, with its employees and contractors, will:

Examine the potential impact to the environment of all proposed activities and take steps to minimize, or where possible, eliminate the impact;

Ensure that all activities comply with all environmental legislation and regulations;

On an ongoing basis, determine Bathurst's impact to the environment and through continuous improvement, strive to attain higher levels of environmental performance;

- Maintain a high level of environmental protection by applying practices and technologies that minimize impacts and enhance environmental quality;
- Maintain dialogue with the communities and other stakeholders within the area of influence of its exploration programs;
- Progressively rehabilitate disturbed areas, develop closure plans that can be continuously improved, and incorporate new technologies where practical;
- Train all employees and contractors to understand their environmental responsibility regarding the impact of their work on the environment at the mineral properties;

By taking account of the potential impacts before initiating an exploration program, Bathurst will ensure that we are leaving as light a footprint as possible during the drill program.

PROPERTY LOCATION AND DESCRIPTION

The TTMG Project consists of four named mineral claims, Turner Lake, Ted, Gela Lake and McAvoy Lake. The Project is located approximately 180 km south of Cambridge Bay and 60 km north northwest of Bathurst Inlet. The proposed land use area lies entirely within the mineral claim boundaries.

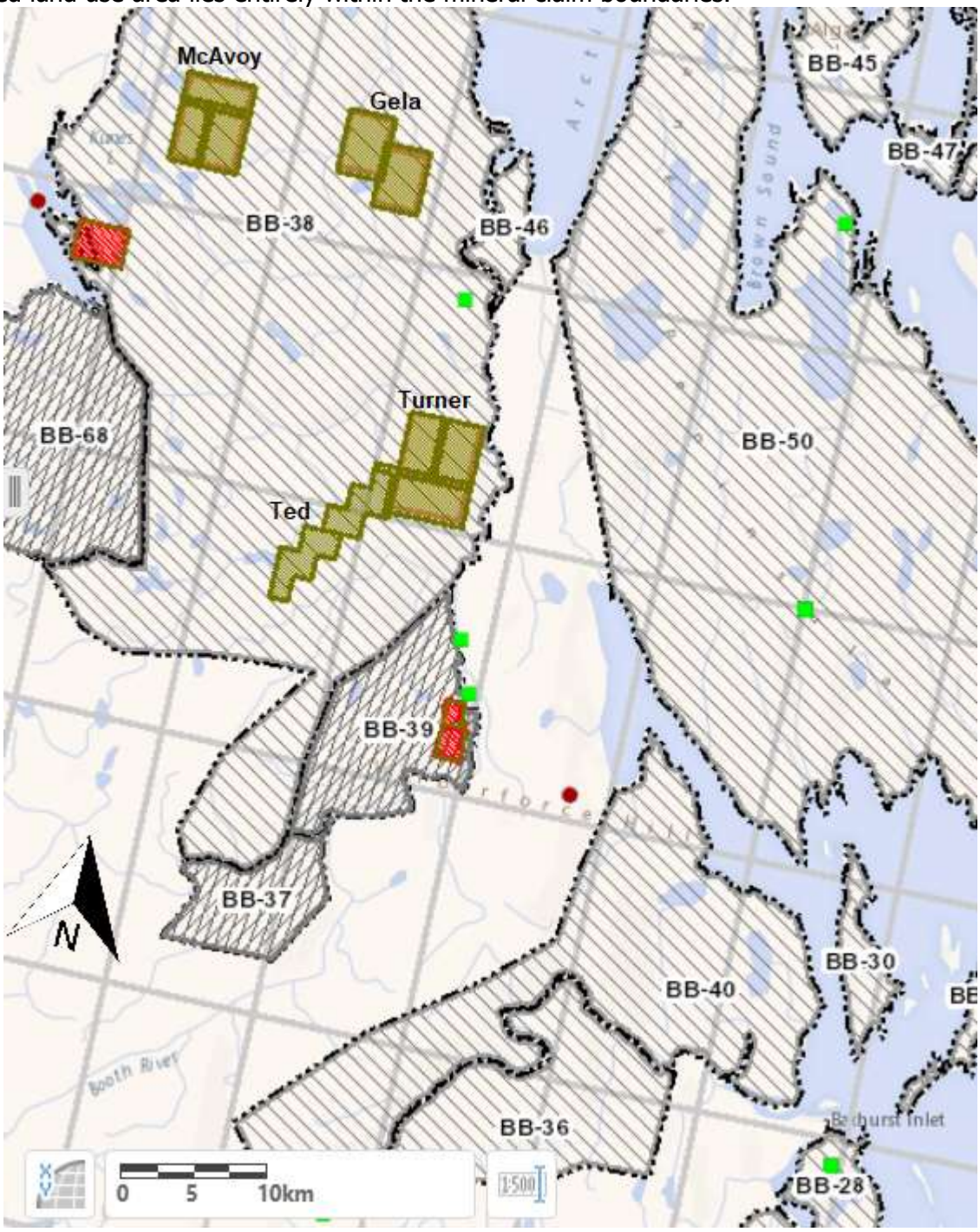

Figure 1. Mineral Tenures in the Bathurst Inlet Region

The drill program will focus on the Turner Lake & Ted properties. The properties are comprised of 6 claims in one contiguous block, named T1 through T6, totaling approximately 6,657 hectares. (Figure 2).

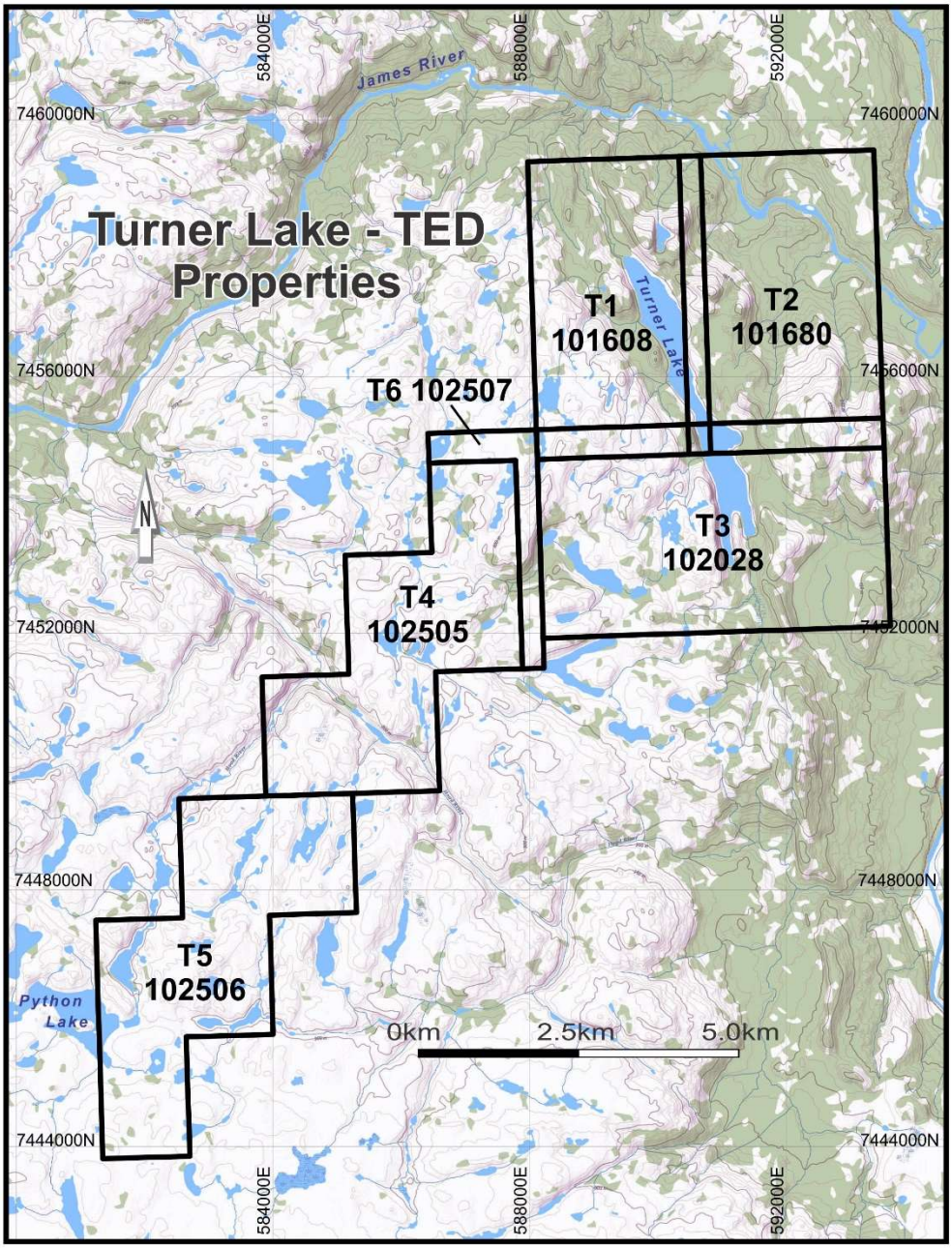

Figure 2. Turner Lake and Ted Mineral Tenures

The TTMG Project area is located within the tundra in Nunavut, above the Arctic circle.

The property is located within the Arctic eco-zone, which contains continuous permafrost. The average temperature is between -25°C (without wind-chill) in winter and +15° C in summer. Precipitation values are low, generally less than 250 mm for the year.

The landscape in the proposed work area is dominated by exposed bedrock, interspersed with felsenmeer and thin unconsolidated glacial deposits of variable depth, with numerous small streams and lakes.

Wildlife in the region includes caribou, muskox, moose, grizzly bears, arctic hares, arctic foxes, wolves, sik-siks, and a variety of birds.

SUMMARY OF PROPOSED WORK

Exploration planned for the property is a five-thousand-meter drill program designed to test known gold occurrences on the Turner Lake and Ted properties. As this is an early-stage exploration project, a limited crew consisting of approximately 17 personnel (4 drillers, 3 geologists, 1 geotechnologist/field industrial first aid attendant, 2 student helpers, 1 helicopter pilot, 1 helicopter engineer, 1 camp manager, 2 cooks, and 1 camp maintenance, 1 wildlife monitor) will be required. All crew members will stay at the Bathurst Inlet Lodge ("BIL"), and field crews will be transported between the field and BIL daily using the helicopter.

Fixed-wing support for Bathurst Inlet Lodge will be variable, utilizing a float or wheel equipped aircraft for the movement of personnel, supplies and equipment to the Lodge. An A-Star or similar helicopter will transport field crews to the working drill site from BIL and will be used to transport the lightweight drill rig during drill moves.

The drilling activities will be entirely helicopter-supported (i.e. transport of drill rig, fuel and personnel), and will cause minimum disturbance to the land use area. Each drill site will use a maximum area of 20 m x 20 m, or 400 m2, and upon the completion of each drill hole the metal casings will be removed or cut-off at ground level, and all materials (including empty fuel drums) will be removed from the drill site area. The exact number and location of drill sites is unknown at this time, but a reasonable estimate would be 10-12 locations within the properties.

During drilling operations, drill water and cuttings will be pumped into a natural depression or hand-dug sump a minimum of 31 m from the normal high-water mark of any nearby water body. All drill muds/greases used will be nontoxic and biodegradable.

Additional exploration may be conducted on the TTMG Properties during the term of the land use permit. An exploration permit is already in place for these activities. Geological mapping, prospecting and ground geophysical surveying have all proved to be useful exploration methods in the past and may be carried out again, if warranted. These programs are generally smaller in size and scope and would be conducted at the same time drilling was occurring on the Turner Lake and Ted properties.

PURPOSE OF WASTE MANAGEMENT PLAN

The objective of this plan is to define a waste management system that will minimize the effect of exploration activities on the land, water, air, wildlife, fish and vegetation. Lasting impacts of the proposed land use can be mitigated with thorough protocols and reclamation practices at all work sites.

This plan takes into consideration both waste prevention and minimization with the guiding principle of pollution prevention. That is, source reduction as the most preferred method, followed by reuse, recycle/recovery, treatment, and the least preferred method being disposal.

DRILLING OPERATIONS AND SITE RECLAMATION

Drill sites will be reclaimed on an ongoing basis. Drill setups will be in place for periods of approximately four to seven days. Upon completion, each drill site location will be checked for garbage and debris, and hand-dug sumps will be backfilled and recontoured to match the local landscape.

Returned water from drilling activities will be pumped into a nearby natural depression and/or hand-dug sump more than the requisite 31 m above the normal high watermark of the nearest water body. This will allow fine rock cuttings to settle from the water. Any and all drilling muds/greases used will be biodegradable, and any additives used will be non-toxic.

Metal drill casings will be removed upon completion of each drill hole or cut-off near ground level when retrieval is not possible.

Before leaving each site, a final inspection will be completed by the project manager (or their designate) to ensure that refuse has been removed from the area and that there is minimal to no evidence of the land use operation.

Motor oil and drilling additives will be stored in their respective containers at Bathurst Inlet Lodge and at the drill, along with the appropriate spill response equipment. Empty containers will be backhauled from the drill on a regular basis to the camp where they will be reused (i.e. refilled) or shipped south at the end of the program to be disposed of at an approved facility in Yellowknife.

Combustible garbage will be incinerated at Bathurst Inlet Lodge at the Lodge's waste management site. Non-combustible remains after incineration will be packaged and shipped to an approved facility in Yellowknife. Other non-combustible materials (i.e. waste oil, scrap metal) will be packaged and shipped to an approved facility Yellowknife.

SPILL PLAN

Drill sites will be equipped with a secondary containment system for all fuels and hazardous materials. Spill kits will be present at all locations where fuel and hazardous materials are stored. Please see the document "TTMG Project Spill Prevention and Response Plan" for further information regarding fuel handling and the storage of fuel and hazardous materials used on the Project.

WASTE MANAGEMENT PLAN REVIEW AND UPDATE

This waste management plan is current as of the submission date. It will be reviewed yearly and prior to the start of any work program. It will also be reviewed continuously by the proponent, and all contractors working at the Project. Table 1 below lists a summary of wastes and disposal methods.

Table 1. Summary of Waste Types and Disposal Methods

Item	Class	Primary Disposal	Secondary Disposal	Environmental Effect
Grey water and sewage	Non-toxic mineral waste	Directly into natural depressions or hand-dug outhouse pits	Outhouse pits will be treated with lime and then backfilled	Minor
Drill cuttings	Non-toxic mineral waste	Directly into natural depressions or hand-dug sumps	N/A	Minor
Drill wastes: used oils, fuels, lubricants	Hazardous or potentially hazardous	Securely packaged and removed to BIL	Backhaul to approved hazardous waste facility in Yellowknife	None - removed
Domestic refuse	Non-mineral waste	Incinerate (combustible);	Backhaul to approved facility in Yellowknife (non-combustible portion)	Minor - release of smoke into atmosphere; none – removed (non-combustible portion)

Bathurst acknowledges that any other burning, other than at the waste management site located at Bathurst Inlet Lodge will not be permitted.

Wastes generated in the field will be stored such that they are not accessible to wildlife and will be brought back to Bathurst Inlet lodge at regular intervals. Sewage (i.e. brown water) generated in the field will be treated with lime then buried in outhouse pits to avoid attracting wildlife.