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June 26, 2023

File: MV2023C0011

Mark Cliffe-Phillips
Mackenzie Valley Review Board
200 Scotia Centre
Box 938, 5102-50th Avenue
Yellowknife NT X1A 2N7

Sent by email

Dear Mark Cliffe-Phillips,

Re: North Arrow Minerals Inc. – Notice of Preliminary Screening Determination - Application for Land Use Permit– Mineral Exploration, DeStaffany Project

The Mackenzie Valley Land and Water Board (Board) met on June 22, 2023 and considered the Application Package from North Arrow Minerals Inc. (North Arrow) for Land Use Permit (Permit) MV2023C0011 for the DeStaffany Project (Project) in accordance with the *Mackenzie Valley Resource Management Act* (MVRMA).

The Board conducted a preliminary screening based on the public record for the proceeding. Based on the evidence provided, the Board is satisfied the screening has been completed according to section 125 of the MVRMA and has decided **not to refer** the Project to environmental assessment. The Board's Preliminary Screening Determination and Reasons for Decision, as required by section 121 of the MVRMA, is attached.

If the Board does not receive notice of referral to environmental assessment, it can proceed with issuance of Permit MV2023C0011 on **Friday July 7, 2023**.

The Board and staff look forward to continued communications throughout the pause period. Please contact [Kathy Racher](#) in writing or at (867) 766-7457 with any questions or concerns regarding this letter.

Yours sincerely,

A handwritten signature in blue ink that reads "Tanya MacIntosh". The signature is written in a cursive style with a large initial 'T'.

Tanya MacIntosh
Chair, Mackenzie Valley Land and Water Board

BCC'd to: Akaitcho Distribution List
Michael Macmorran – North Arrow Minerals Inc.

Attached: Preliminary Screening Determination and Reasons for Decision



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Preliminary Screening Determination and Reasons for Decision

Land Use Permit Application	
File Number	MV2023C0011
Company	North Arrow Minerals Inc.
Project	DeStaffany Project
Location	Akaitcho Territory, NT
Activity	Mineral Exploration
Date of Decision	June 22, 2023

1.0 Decision

In accordance with subsection 124(1) of the *Mackenzie Valley Resource Management Act* (MVRMA), the Mackenzie Valley Land and Water Board (MLWB or Board) met on June 22, 2023 to make a preliminary screening determination on the Application from North Arrow Minerals Inc. (North Arrow or Applicant) for Land Use Permit MV2023C0011 (Permit)¹ for the DeStaffany(Project).²

The Board has decided not to refer the proposed Project to the Mackenzie Valley Environmental Impact Review Board (the Review Board) for Environmental Assessment because, based on the evidence, it is the Board's opinion that the proposed Project will not have a significant adverse impact on the environment or be a cause of public concern.

¹See MLWB Online Registry www.mvlwb.com for North Arrow – [Permit Application – Mar28 23](#).

² The Project is the Mineral Exploration, which is the proposed development, where "development" is defined in Part 5 of the MVRMA as:

"any undertaking, or any part or extension of an undertaking, that is carried out on land or water and includes an acquisition of lands pursuant to the *Historic Sites and Monuments Act* and measures carried out by a department or agency of government leading to the establishment of a park subject to the *Canada National Parks Act* or the establishment of a park under a territorial law."

The Board’s determination, including reasons for its decision, are detailed in sections [3.0](#) and [4.0](#).

2.0 List of Defined Terms and Acronyms

Applicant	North Arrow Minerals Inc.
Application	The complete application package submitted by the Applicant for Land Use Permit MV2023C0011.
Board	Mackenzie Valley Land and Water Board
CRP	Closure and Reclamation Plan
EA/EIR	Environmental Assessment/Environmental Impact Review
GNWT	Government of the Northwest Territories
GNWT-ECC	Government of the Northwest Territories – Environment and Climate Change
MVLWB	Mackenzie Valley Land and Water Board
MVRMA	<i>Mackenzie Valley Resource Management Act</i>
Minister	Minister of Northern Affairs
ORS	Online Review System (www.new.onlinereviewssystem.ca)
Party	As per the LWB Rules of Procedures , an applicant, a person, or an organization participating in the regulatory proceeding for the Application.
Project	Mineral Exploration, which is the proposed development (as defined in Part 5 of the MVRMA). ³
Review Board	Mackenzie Valley Environmental Impact Review Board
SCP	Spill Contingency Plan
Standard Permit Conditions	LWB Standard Land Use Permit Conditions Template
TG	Tłı̨chǫ Government
TK	Traditional Knowledge
WMP	Waste Management Plan

3.0 Background and Scope of Screening

On March 28, 2023, North Arrow submitted an Application to conduct mineral exploration on the DeStaffany Project which is located 115km East of Yellowknife. There are two mineral claims that are to be explored. The project is located on federal lands with access to the site via helicopter, snowmobile, boat and plane. The initial work will commence in 2023 with prospecting, reconnaissance, soil and rock sampling, geophysics and drilling. There is a 10-person exploration camp proposed. The project is in its early stages and pending further investigation and results the amount of drilling will increase.

³ “development” is defined in Part 5 of the MVRMA as:

“any undertaking, or any part or extension of an undertaking, that is carried out on land or water and includes an acquisition of lands pursuant to the *Historic Sites and Monuments Act* and measures carried out by a department or agency of government leading to the establishment of a park subject to the *Canada National Parks Act* or the establishment of a park under a territorial law.”

In accordance with paragraph 125(1)(a) of the MVRMA, the Board must conduct a preliminary screening of the proposed Project to determine and report to the Review Board whether, in its opinion, the proposed Project might have a significant adverse impact on the environment, or might be a cause of public concern. The details of the Board's analysis are set out in section [4.0](#) below.

3.1 Scope of Screening:

North Arrow submitted an Application to conduct mineral exploration on the DeStaffany Project which is located 115km East of Yellowknife. There are two mineral claims that are to be explored. The project is located on federal lands with access to the site via helicopter, snowmobile, boat and plane. The initial work will commence in 2023 with prospecting, reconnaissance, soil and rock sampling, geophysics and drilling. There is a 10-person exploration camp proposed. The project is in its early stages and pending further investigation and favourable results the amount of drilling will increase.

3.2 Public Record and Regulatory Proceeding

To assist the Board in its preliminary screening determination for the Project, the Board distributed the Application and a draft Permit for public review on May 12, 2023, inviting reviewers to provide comments and recommendations on the Applications and the preliminary screening (e.g., on impacts and mitigation measures) using the Online Review System (ORS). Comments were due June 1, 2023, with responses from the Applicant due June 7, 2023. The Board received comments and recommendations from Government of the Northwest Territories – Environment and Climate Change, Tłı̄chq̄ Government, CIRNAC – Inspector, GNWT – ECE – Prince of Wales Northern Heritage Centre, CIRNAC – Yellowknife, Łutselk'e Dene First Nation and Environment and Climate Change Canada (attached).⁴

Since there were no requests to extend the reviewer comment deadline, the Board is satisfied that a reasonable period of notice was given to affected communities and First Nations, as required by subsection 63(2) of the MVRMA.

Pursuant to Schedule 4.1 of the Northwest Territory Métis Nation (NWTMN) Interim Measures Agreement, the Board determined that written notice was given to the NWTMN and that a reasonable period of time was allowed for NWTMN to make representations with respect to the Application.

Pursuant to subsection 1.6, paragraphs (a) and (b) of the Akaitcho Territory Dene First Nations (ATDFN) Interim Measures Agreement, the Board determined that written notice was given to the ATDFN and that a reasonable period of time was allowed for ATDFN to make representations with respect to the Application.

⁴ See MLWB Online Registry for North Arrow – [Review Summary Table – June22_23](#)

4.0 Potential Impacts and Proposed Mitigations

Table 1 below summarizes:

- the potential impacts of the proposed Project;
- the concerns that were identified during the regulatory proceeding and how the Applicant addressed those concerns;
- the proposed and potential mitigations for the potential impacts; and
- the Board's analysis of the potential impacts and proposed mitigations.

Table 1: Potential Impacts and Proposed Mitigations for the Proposed Project

Potential Impact	Activity	Proposed Mitigations <i>Description of measures to reduce potential impacts, including consideration of cumulative impacts and climate change.</i>	Board Analysis and Determination
Soil Contamination - Land	Operation	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • Camp Operation (Spills, Greywater) – Implement Waste Management and Spill Response Plans, when necessary, in the event of accidental spills. • Drilling Operation (Spills, Cuttings) – Implement Waste Management and Spill Response Plans, when necessary, in the event of accidental spills. • Fuel Storage (Spills, Cuttings) – Implement Waste Management and Spill Response Plans, when necessary, in the event of accidental spills. • The Board has standard permit conditions that are typically used to mitigate the identified potential impacts. These standard conditions included under section(s):⁵ <ul style="list-style-type: none"> • 26(1)(f) • 26(1)(g) • 26(1)(i) • 26(1)(m) • 26(1)(o) 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.
Soil Compaction – Land	Operations	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • Camp Use (Ground Disturbance) – Construct camp on stable ground making use of existing disturbed areas, where possible • Equipment Use (Ground Disturbance) – Use existing trails and/or winter road infrastructure to the greatest extent possible. Maintain a minimum of 10 cm of packed snow or ice on overland portions of the winter trail and road. Cease overland transport prior to spring break-up 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.

⁵ See the MLWB Policies and Resources webpage to access the LWB [Standard Land Use Permit Conditions Template](#).

Potential Impact	Activity	Proposed Mitigations <i>Description of measures to reduce potential impacts, including consideration of cumulative impacts and climate change.</i>	Board Analysis and Determination
		<p>to avoid scarification of ground.</p> <ul style="list-style-type: none"> • The Board has standard permit conditions that are typically used to mitigate the identified potential impacts. These standard conditions included under section(s): <ul style="list-style-type: none"> • 26(1)(a) • 26(1)(f) • 26(1)(g) • 26(1)(i) • 26(1)(m) 	
Destabilization/erosion - Land	Operation	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • Equipment Use (Ground Disturbance) – Use existing trails and/or winter road infrastructure to the greatest extent possible. Maintain a minimum of 10 cm of packed snow or ice on overland portions of the winter trail and road. Cease overland transport prior to spring break-up to avoid scarification of ground • Drilling (Cuttings Deposition) – Ensure cuttings are deposited in suitable areas not susceptible to slumping or erosion. • Camp Construction (Ground Disturbance) – Construct camp on a suitable, stable area. • The Board has standard permit conditions that are typically used to mitigate the identified potential impacts. These standard conditions included under section(s): <ul style="list-style-type: none"> • 26(1)(a) • 26(1)(d) • 26(1)(e) • 26(1)(f) • 26(1)(g) 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.

Potential Impact	Activity	Proposed Mitigations <i>Description of measures to reduce potential impacts, including consideration of cumulative impacts and climate change.</i>	Board Analysis and Determination
Permafrost - Water	Operations	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • Drilling – permafrost will be impacted (removed) in each hole drilled as a result of drilling. Drill hole diameter is expected to be approximately 4-5cm. Following the completion of each drill hole, permafrost is expected to naturally reform by groundwater filling the excavated borehole and subsequently freezing. • The Board has standard permit conditions that are typically used to mitigate the identified potential impacts. These standard conditions included under section(s): <ul style="list-style-type: none"> • 26(1)(a) • 26(1)(d) • 26(1)(f) • 26(1)(g) • 26(1)(o) 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.
Water flow or level change (permanent, temporary, seasonal) – Surface Water	Operations	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • Drilling (water withdrawal) – Water use in association with drilling activity. • Camp Operation (water withdrawal) – Water use in association with domestic water use related to the camp. • The Board has standard permit conditions that are typically used to mitigate the identified potential impacts. These standard conditions included under section(s): <ul style="list-style-type: none"> • 26(1)(a) • 26(1)(d) • 26(1)(f) • 26(1)(g) 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.

Potential Impact	Activity	Proposed Mitigations <i>Description of measures to reduce potential impacts, including consideration of cumulative impacts and climate change.</i>	Board Analysis and Determination
		<ul style="list-style-type: none"> • 26(1)(i) • 26(1)(m) • 26(1)(o) 	
Changes in water quality – Surface Water	Operations	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • Camp Operation – Potential Uncontrolled Greywater Release/Spill: in the event of a sudden uncontrolled release of greywater, the Spill Contingency Plan will be implemented to control and reduce impacts. Further protection will include avoidance of storing related materials on ice in the winter, where possible. • Drilling – Potential Uncontrolled Cuttings Release/Spill: in the event of a sudden uncontrolled release of drill cuttings, the Spill Contingency Plan will be implemented to control and reduce impacts to the environment. As per the regulations, drilling will not take place within 100m of the high-water mark of any watercourse in ice- and snow-free seasons. Further protection will include the use of closed-circuit “cuttings capture” systems when drilling in winter on ice. The use of non-toxic (i.e. biodegradable) drilling additives will reduce risk of impacts to water quality. Material storage on ice in winter will also be avoided, where possible. • Fuel Storage – Potential Uncontrolled Fuel Release/Spill: in the event of a sudden uncontrolled release of fuel, the Spill Contingency Plan will be implemented to control and reduce impacts to the environment. Fuel will be stored no less than 100m away from the normal high-water mark of nearby watercourses, in secondary containment berms. Fuel storage on ice in winter will also be avoided, where possible. • The Board has standard permit conditions that are typically used to mitigate the identified potential impacts. These standard conditions included under section(s): 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.

Potential Impact	Activity	Proposed Mitigations <i>Description of measures to reduce potential impacts, including consideration of cumulative impacts and climate change.</i>	Board Analysis and Determination
		<ul style="list-style-type: none"> • 26(1)(a) • 26(1)(d) • 26(1)(f) • 26(1)(g) • 26(1)(i) • 26(1)(m) • 26(1)(o) 	
Wetland Impairment – Surface Water	Operations	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • Equipment Use (Ground Disturbance) – Use existing trails and/or winter road infrastructure to the greatest extent possible. Maintain a minimum of 10 cm of packed snow or ice on overland portions of the winter trail and road. Cease overland transport prior to spring break-up to avoid scarification of ground. • The Board has standard permit conditions that are typically used to mitigate the identified potential impacts. These standard conditions included under section(s): <ul style="list-style-type: none"> • 26(1)(f) 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.
Change to aquatic habitat – Surface Water	Operations	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • Impacts to aquatic habitat are expected to be minimal. Water use for camp and drilling activity will cause drawdown of watercourse levels, however, total amount(s) are anticipated to be negligible. • The Board has standard permit conditions that are typically used to mitigate the identified potential impacts. These standard conditions included under section(s): <ul style="list-style-type: none"> • 26(1)(h) 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.

Potential Impact	Activity	Proposed Mitigations <i>Description of measures to reduce potential impacts, including consideration of cumulative impacts and climate change.</i>	Board Analysis and Determination
Changes in air quality - Air	Operations	<ul style="list-style-type: none"> The Applicant proposed the following mitigations in the Application Equipment Emissions (helicopter, fixed wing, drills, snowmobile, rock saw, generator) – Routine maintenance will be conducted on hydrocarbon powered equipment to ensure emissions are kept to a minimum. Non-hydrocarbon powered (i.e. battery powered) equipment will be used, where possible. 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.
Increased greenhouse gasses - Air	Operations	<ul style="list-style-type: none"> The Applicant proposed the following mitigations in the Application Equipment Emissions (helicopter, fixed wing, drills, snowmobile, rock saw, generator) – Routine maintenance will be conducted on hydrocarbon powered equipment to ensure emissions are kept to a minimum. Non-hydrocarbon powered (i.e. battery powered) equipment will be used, where possible. 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.
Direct loss of vegetation - Vegetation	Operation	<ul style="list-style-type: none"> The Applicant proposed the following mitigations in the Application Camp Construction (Destruction of Vegetation) – potential mitigation would be to construct camp in existing disturbed areas, or areas with the least amount of vegetation. Drilling (Vegetation disturbance) – drill setup locations with minimal vegetation will be given preference. Further mitigation will include removing small shrubs and mosses prior to placing the drill, and then replacing vegetation that was removed once drilling is finished and the drill has been removed from each location. The Board has standard permit conditions that are typically used to mitigate the identified potential impacts. These standard conditions included under section(s): <ul style="list-style-type: none"> 26(1)(a) 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.
Increased risk of fire - Vegetation	Operation	<ul style="list-style-type: none"> The Applicant proposed the following mitigations in the Application Camp – Waste Management and Safety Plans will be implemented to reduce risk of fire. Fire extinguishers and smoke/CO2 detectors will be in all structures. 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.

Potential Impact	Activity	Proposed Mitigations <i>Description of measures to reduce potential impacts, including consideration of cumulative impacts and climate change.</i>	Board Analysis and Determination
		<ul style="list-style-type: none"> • Equipment (helicopter, fixed wing, drill, generator, snowmobile, tent stoves, water pumps) – Safety Plans will be implemented to reduce the risk of fire when working with motorized equipment. Fire extinguishers will be readily available where equipment is operated • The Board has standard permit conditions that are typically used to mitigate the identified potential impacts. These standard conditions included under section(s): <ul style="list-style-type: none"> • 26(1)(c) 	concern.
Compaction of vegetation - Vegetation	Operation	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • Camp Construction (Vegetation Compaction) – potential mitigation would be to construct camp in existing disturbed areas, or areas with the least amount of vegetation. • Drilling (Vegetation Compaction) – drill setup locations with minimal vegetation will be given preference. Further mitigation will include removing small shrubs and mosses prior to placing the drill, and then replacing vegetation that was removed once drilling is finished and the drill has been removed from each location. • The Board has standard permit conditions that are typically used to mitigate the identified potential impacts. These standard conditions included under section(s): <ul style="list-style-type: none"> • 26(1)(o) 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.
Effects on wildlife health (toxins, metals, etc.) – Terrestrial Wildlife Habitat	Operations	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • Emissions (Air Quality) – other than emissions from hydrocarbon-powered equipment and their impacts on air quality, impacts to wildlife are expected to be negligible. Mitigation measures will include avoiding ‘idling’, as well as maximizing payloads to reduce total number of trips, where possible. Battery-powered equipment alternatives will be given preference over hydrocarbon-powered equipment, where available. • The Board has standard permit conditions that are typically used to 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.

Potential Impact	Activity	Proposed Mitigations <i>Description of measures to reduce potential impacts, including consideration of cumulative impacts and climate change.</i>	Board Analysis and Determination
		<p>mitigate the identified potential impacts. These standard conditions included under section(s):</p> <ul style="list-style-type: none"> • 26(1)(h) 	
Human-wildlife conflicts	Operations	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • Camp – Waste Management and Wildlife Mitigation Plans will be implemented to reduce risks associated with human-wildlife interaction. • Drilling – Waste Management and Wildlife Mitigation Plans will be implemented to reduce risks associated with human-wildlife interaction. Additional mitigation may include ‘stop-work measures’ (i.e. stopping drilling until species have moved out of the area) where specific Species at Risk are encountered. • General Fieldwork – Waste Management and Wildlife Mitigation Plans will be implemented to reduce risks associated with human-wildlife interaction 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.
		<p>• The Board has standard permit conditions that are typically used to mitigate the identified potential impacts. These standard conditions included under section(s):</p> <ul style="list-style-type: none"> • 26(1)(g) • 26(1)(h) • 26(1)(i) 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.
Effects on health (toxins, metals, sediment, etc.) – Aquatic Habitat	Operations	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • Camp Operation – Potential Uncontrolled Greywater Release/Spill: in the event of a sudden uncontrolled release of greywater (other than that permitted by Water Licence), the Spill Contingency Plan will be implemented to control and reduce impacts to aquatic habitat. Further protection will include avoidance of storing related materials on ice in the winter, where possible. • Drilling – Potential Uncontrolled Cuttings Release/Spill: in the event of a 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.

Potential Impact	Activity	Proposed Mitigations <i>Description of measures to reduce potential impacts, including consideration of cumulative impacts and climate change.</i>	Board Analysis and Determination
		<p>sudden uncontrolled release of drill cuttings into an aquatic habitat the Spill Contingency Plan will be implemented to control and reduce impacts to the environment. As per the regulations, drilling-related activities will not take place within 100m of the high-water mark of any watercourse in ice- and snow-free seasons. Further protection will include the use of closed-circuit “cuttings capture” systems when drilling in winter on ice. The use of non-toxic (i.e. biodegradable) drilling additives will reduce risk of impacts to water quality. Material storage on ice in winter will also be avoided, where possible.</p> <ul style="list-style-type: none"> • The Board has standard permit conditions that are typically used to mitigate the identified potential impacts. These standard conditions included under section(s): <ul style="list-style-type: none"> • 26(1)(g) • 26(1)(h) • 26(1)(i) 	
Other – Aquatic Habitat	Operations	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • Impacts to aquatic habitat are expected to be minimal. Water use for camp and drilling activity will cause drawdown of watercourse levels, however, total amount(s) are anticipated to be negligible. 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.
Change to or loss of traditional lifestyle – Cultural Integrity and Heritage Resources	Operations	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • All exploration-related activities will be new to the land use area and its peoples. Implementation of our detailed Community Engagement Plan will ensure impacts on traditional lifestyles in the area will be minimal. • The Board has standard permit conditions that are typically used to mitigate the identified potential impacts. These standard conditions included under section(s): <ul style="list-style-type: none"> • 26(1)(o) 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.
Change to or loss of	Operations	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application 	Based on the described mitigations, it is the

Potential Impact	Activity	Proposed Mitigations <i>Description of measures to reduce potential impacts, including consideration of cumulative impacts and climate change.</i>	Board Analysis and Determination
heritage resources - Cultural Integrity and Heritage Resources		<ul style="list-style-type: none"> • The Board has standard permit conditions that are typically used to mitigate the identified potential impacts. These standard conditions included under section(s): <ul style="list-style-type: none"> • 26(1)(j) 	Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.
Economic opportunities or losses (employment, training) – Social and Economic Well-being	Operations	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • Employment opportunities – North Arrow will effort to use northern/local employees and businesses, where possible. 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.
Changes to the use of the area by other non-Indigenous people (trappers, outfitters, residents, hunters, forest harvesters, other authorized projects)	Operations	<ul style="list-style-type: none"> • The Applicant proposed the following mitigations in the Application • All exploration-related activities will be new to the land use area and its peoples. Implementation of our detailed Community Engagement Plan will ensure impacts on traditional and non-traditional lifestyles in the area will be minimal. 	Based on the described mitigations, it is the Board’s opinion that the proposed activities will not have a significant adverse impact on the environment or be a cause of public concern.

4.1 Consideration of Potential Impacts

Based on the potential impacts and proposed mitigations identified above in Table 1, the Board considered whether the Project is likely to have a significant adverse impact on air, water, and/or renewable resources]. In general, impacts of the Project on the air, water, and/or renewable resources can be mitigated through the use of standard permit conditions and/or project-specific conditions established by the Board as per the LWB [Standard Process for Creating New Conditions](#). These conditions may include requirements for management and monitoring plans that provide detailed information regarding the implementation of mitigation measures and the evaluation of their effectiveness.

4.2 Consideration of Public Concern

In addition to considering the potential impacts of the Project, the Board considered whether the Project might be a cause of public concern.

Based on the evidence provided during the regulatory proceeding thus far, the Board did not identify any comments or issues that indicate that the Project is a cause of public concern.

5.0 Conclusion

The Board has reviewed all the evidence received during the regulatory process with respect to the Preliminary Screening of the proposed Project. Based on the evidence, it is the Board's opinion that the proposed Project is not likely to have a significant adverse impact on air, water, and/or renewable resources, and will not be a cause of public concern, as set out in paragraph 125(2)(a) of the MVRMA. The Board has therefore decided not to refer the proposed Project to Environmental Assessment. If the Board does not receive a notice of referral to environmental assessment by Thursday, July 6, 2023 the Board can issue the Permit on **Friday, July 7, 2023**

SIGNATURE



Tanya MacIntosh, Chair
Mackenzie Valley Land and Water Board

June 26, 2023

Date