



NIRB File No.: 22EN057
NPC File No.: 149880

December 8, 2022

Agha Shahzad Pervez
Viridis Mining and Minerals
Level 50, 108 St Georges Terrace
Perth WA 6000 Australia

Sent via email: agha@viridismining.com.au

Re: Notice of Screening for Viridis Mining and Minerals “South Kitikmeot Gold Project” Proposal

Dear Agha Shahzad Pervez:

On October 18, 2022 the Nunavut Impact Review Board (NIRB) received a referral to screen Viridis Mining and Minerals (Viridis) “South Kitikmeot Gold Project” proposal from the Nunavut Planning Commission (Commission), amended on December 7, 2022, which noted that the project proposal is outside the area of an applicable regional land use plan.

Pursuant to Article 12, Sections 12.4.1 and 12.4.4 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada (Nunavut Agreement)* and s. 87 of the *Nunavut Planning and Project Assessment Act*, S.C. 2013, c. 14, s. 2 (*NuPPAA*), the NIRB has commenced screening this project proposal and has assigned it file number **22EN057** - please reference this file number in all future related correspondence.

INFORMATION REQUEST

On October 19, 2022 the NIRB requested that the Proponent complete the online application form through the NIRB’s public registry system and ensure, pursuant to s. 144(1) of the *NuPPAA*, that sufficient information is provided to determine the scope of the project activities being proposed and commence screening.

On November 25, 2022 the NIRB received the required information and commenced the screening pursuant to Part 3 of the *NuPPAA*.

PROJECT OVERVIEW

Project Scope:

All documents received and pertaining to this project proposal can be accessed from the NIRB's online public registry at www.nirb.ca/project/125742.

Project:	South Kitikmeot Gold Project				
Region:	Kitikmeot				
Location:	Southern mainland Kitikmeot				
Closest Community:	Kugluktuk	Distance (approximate)	424 kilometres (km)	Direction	Southeast
Summary of Project Description:	The Proponent intends to conduct mineral exploration of several mineral properties in the region.				
Project Proposed Timeline:	2023 to 2029				

According to the project proposal, the scope of the project includes the following undertakings, works or activities:

- Mineral exploration activities over life of project including:
 - Geological mapping
 - Soil and rock sampling;
 - Exploration drilling on land and ice;
 - Air and ground geophysics; and
 - Trenching
- Use of drill rigs which may include:
 - Diamond drilling;
 - Rotary air blast drilling; and
 - Reverse circulation drilling;
 - Use of water pumps
- Establishment of a tent camp for up to 60 persons, including use of:
 - Generators;
 - Water pump;
 - Waste disposal including:
 - Open burning of combustible waste;
 - Backhaul of hazardous and combustible waste;
 - Incineration or backhaul of human waste;
 - Discharge of camp greywater to a sump;
 - Treatment and discharge of accumulated water in secondary containment;
 - Drilling water discharged into upland sump or natural depression;
- Temporary field camps for up to six (6) people;
- Use of small aircraft for mobilization;
- Use of helicopters for transportation of personnel and personnel to exploration sites;
- Use of drones for airborne mapping and geophysics;

- Use of ground vehicles and small watercraft for camp and drilling support and personnel transport, including:
 - Snowmobiles;
 - All Terrain Vehicles (ATV);
 - Utility Terrain Vehicles (UTV);
 - Skid-steer (Bobcat); and
 - Small watercraft;
- Potential use of Tibbit-Contwoyto Winter Road for mobilization of supplies;
- Use of up to 299 cubic meters of water for domestic and drilling purposes;
- Use of:
 - Propane (up to 2,500 pounds/1,100 kilograms);
 - Lubricants (up to 180 gallons/680 litres);
 - Drilling additives (up to 180 gallons/680 litres);
 - Drilling Salt (up to 25,000 pounds/11,400 kilograms);
 - Cement (up to 25,000 pounds/11,400 kilograms)
 - Aviation Fuel (up to 41,000 litres);
 - Diesel (up to 46,125 litres);
 - Gasoline (up to 5,125 litres);
 - Oxygen; and
 - Acetylene;

Inclusion or Exclusion of Scoping List

At this time, the NIRB has identified no additional works or activities in relation to the project proposal. As a result, the NIRB will proceed with screening the project based on the scope as described above.

REQUEST FOR COMMENTS

All documents received can be accessed from the NIRB's online public registry www.nirb.ca/project/125742 and include:

- *NPC Conformity Determination*
- *Amended NPC Conformity Determination*
- *NIRB Application*
- *Non-Tech Summary*
- *Project Description*
- *Effects Assessment Report*
- *Engagement Plan*
- *Spill Response Plan*
- *Closure and Reclamation Plan*
- *Waste Management Plan*
- *Environment and Heritage and Heritage Resources Protection Plan*
- *Photos of typical work planned*

The NIRB will copy you on screening process related correspondence and upload related documents to the NIRB's online registry for public access. The NIRB may request additional information at any time during the process.

The NIRB is copying parties and municipalities potentially affected by Viridis project proposal with this letter, and we invite interested parties to comment directly to the NIRB by **January 6, 2023**.

The NIRB would like parties to provide comments regarding:

- Whether the project proposal is likely to arouse significant public concern; and if so, why;
- Whether the project proposal is likely to cause significant adverse eco-systemic or socio-economic effects; and if so, why;
- Whether the project proposal is likely to cause significant adverse impacts on wildlife habitat or Inuit harvest activities; and if so, why;
- Whether the project proposal is of a type where the potential adverse effects are highly predictable and mitigable with known technology, (and providing any recommended mitigation measures); and
- Any matter of importance to the Party related to the project proposal.

CONTACT INFORMATION

Please send your comments to the NIRB via email at info@nirb.ca, via fax at (867) 983-2594 or via the individual project dashboard for this assessment on the NIRB's online public registry at www.nirb.ca/project/125742.

If you have any questions or require clarification, feel free to contact the undersigned at 867-983-4617 or kmorrison@nirb.ca.

Sincerely,



Keith Morrison
Manager Impact Assessment
Nunavut Impact Review Board

Enclosures (6): Public Notice of Screening (English)
Comment Forms (English, Innuinaqtun, and Inuktitut)

cc: Distribution List
Richard Dwyer, Nunavut Water Board
Carson Gillis, Nunavut Tunngavik Incorporated
Jorgan Aitaok, Nunavut Tunngavik Incorporated
Geoff Clark, Kitikmeot Inuit Association
Wynter Kuliktana, Kitikmeot Inuit Association
Adrian Paradis, Canadian Northern Economic Development Agency
Natalie O'Grady, Canadian Northern Economic Development Agency
Tracy McCaie, Crown-Indigenous Relations and Northern Affairs Canada