

Project Dashboard

South Kitikmeot Gold Project (149880)

Proposal Status: Conformity Determination Issued

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Project Overview

Type of application: **New**

Proponent name:	Agha Shahzad Pervez
Company:	Viridis Mining & Minerals

Schedule:

Start Date:	2023-01-01
End Date:	2029-12-31
Operation Type:	Seasonal

Project Description:

Related to NPC file #s 148597, 148588, 148825, and corresponding Use Without a License #s 2WLC-CRP1819, 2WLC-BLI1718, 2WLC-QRP1819 respectively. Part of the proposed scope is covered under these, while the remainder of the program scope is consistent with past activities in the 1988 and 1990 (i.e. drilling, trenching, camp) yet it has not been considered by the NPC, screened by the NIRB or licenced by the NWB, CIRNAC or the KIA, and is reasonably a significant modification to 148597, 148588, 148825. The South Kitikmeot Gold Project (the Project) is comprised of a series of properties known as Hiqiniq, Ujaraq, Gold Bug, Esker, Bling Uist and Quannituq, covering an area of of 11,448 ha, adjacent to both the Lupin Mine and the Back River Project. Historic drilling occurred on the Esker property in 1988 and 1990, with sampling and mapping occurring in more recent years by Silver Range Resources. In 2021, Silver Range Resources optioned the Project to Viridis. The purpose of the current proposed Project is to conduct mineral exploration-related activities to assess the previously identified gold targets, to conduct prospecting to locate new gold targets and to explore these targets. Exploration activities may include ground and airborne geophysical surveys, drilling, sampling, trenching, mapping and prospecting as well as establishment of a temporary main camp and a satellite remote camp for remote crews, and the related domestic water use and waste deposit. Further, limited overland travel on winter trails may be undertaken to support local drill movements or mobilization of equipment by cat-train, while main access will primarily occur by air including helicopter and fixed wing, with fixed wing access occurring on floats skis or wheels using adjacent lakes, existing regional airstrips or historical esker strips. Environmental and heritage resources baseline studies may be undertaken to inform future project planning and mitigate potential program impacts. Work will be based either regionally, or out of a camp to be established on the property, or out of a camp established on nearby properties, should permitting and availability exist. Based on exploration results, it is possible that the camp may be relocated over the life of the program, to an area proximal to drilling.

Personnel:

Persons:	60
Days:	1680

Project Map

List of all project geometries:

ID	Geometry	Location Name
9308	polygon	Exploration area

Planning Regions:

Qikiqtani
Kitikmeot

Affected Areas and Land Types

Inuit Owned Surface Lands
Settlement Area
Keewatin Planning Region
Thelon Game Sanctuary

Project Land Use and Authorizations

Project Land Use

Mineral Exploration
Mineral Exploration
Scientific Research
Temporary Structures
Trenching
Winter Access

Licensing Agencies

INAC: Class A Land Use Permit
CH: Archaeology and Paleontology Research Permit, Class II
KitlA: Land Use Licence III
NIRB: Screening Decision Report
NRI: Scientific Research Licence
NWB: Type B Licence

Other Licensing Requirements

No data found.

Material Use

Equipment

Type	Quantity	Size	Use
Fixed wing aircraft	tbd	tbd	Access, camp and drill support
Drills	tbd	tbd	Exploration drilling
Helicopters	tbd	tbd	Access, drill support, airborne geophysics
Generators	tbd	tbd	power for camp and drills
Drone	tbd	tbd	Airborne geophysics, mapping
Water pump	tbd	tbd	Pump water for domestic and industrial use

Snowmobiles	tbd	tbd	Access
Snowcat	tbd	tbd	Camp and drill support
Watercraft	tbd	tbd	Access
Compressors	tbd	tbd	Camp and drill support
ATV	tbd	tbd	Access, camp support
Skidsteer	tbd	tbd	Camp support
Temporary tent camp	1	up to 60 persons	Main camp with hard floors, soft walls
Temporary tent camp (Arctic oven style)	1	up to 6 persons	Small temporary satellite camp for remote crews
Sloop or equivalent	various	tbd	Exploration support
Kubota	1	small	Winter access support
UTV	various	tbd	Winter access support
Ground geophysics instrumentation	various	tbd	Exploration

Fuel Use

Type	Container(s)	Capacity	UOM	Use
Propane	20	100	Lbs	Camp and drill fuel
Propane	10	50	Lbs	Camp fuel
Aviation fuel	200	205	Liters	Aircraft fuel
Diesel	225	205	Liters	Camp and equipment fuel
Gasoline	25	205	Liters	Equipment fuel

Hazardous Material and Chemical Use

Type	Container(s)	Capacity	UOM	Use
Lubricants, greases	36	5	Gallons	Equipment and drill maintenance

Drilling additives	36	5	Gallons	Drill support
Salt	500	50	Lbs	Drill support
Oxygen	6	100	Lbs	Welding for equipment repair, first aid
Acetylene	4	100	Lbs	Welding for equipment repair
Cement	500	50	Lbs	Drill support

Water Consumption

Daily Amount (m ³)	Retrieval Method	Retrieval Location
299	Pump with screened intake	Lakes proximal to camp and drill targets

Waste and Impacts

Environmental Impacts

See attached.

Waste Management

Waste Type	Quantity Generated	Treatment Method	Disposal Method
Combustible wastes	Various	Open burn or incinerate clean wood and paper, incinerate or backhaul the remainder	Segregated at the drill, backhaul to camp
Hazardous waste	Various		Segregate at source, backhaul to certified waste receiver
Non-Combustible wastes	Various		segregated and backhauled for reuse, recycling or

			disposal at an approved facility
Combustible wastes	Various	Open burn or incinerate clean wood and paper, incinerate or backhaul the remainder	Backhaul to camp
Greywater	Various	Grease trap, strainer, French box filter	Deposit to sump
Hazardous waste	Various		backhaul to certified waste receiver
Sewage (human waste)	Various	Incinerate or backhaul to waste receiver	Pacto toilets or equivalent