

# Project Dashboard

Meadowbank Precious Metal Property (149465)

## Proposal Status: Conformity Determination Issued

### Project Overview

Type of application: **New**

Proponent name:	Fabio Capponi
Company:	5530 Nunavut Inc.

#### Schedule:

Start Date:	2021-04-01
End Date:	2021-06-30
Operation Type:	Annual

#### Project Description:

Activities on the Meadowbank Precious Metal Project (the "Project") are currently authorized by Crown-Indigenous Relations and Northern Affairs Canada ("CIRNAC") Land Use Permit ("LUP") N2017C0005 and Nunavut Water Board ("NWB") water licence 2BE-MPM1722. 5530 Nunavut Inc. is currently applying to amend water licence 2BE-MPM1722 to increase the water usage from 42m<sup>3</sup>/day (2 m<sup>3</sup>/day for camp use and 40 m<sup>3</sup>/day for drilling) to 299 m<sup>3</sup>/day (10 m<sup>3</sup>/day for camp and 289 m<sup>3</sup>/day for drilling) to allow for the increase in the camp size and increase from one to four drills. The Project is located in the eastern part of the District of Kivalliq, approximately 50 km north of the community of Qamani'tuaq (Baker Lake) and 280 km northwest of the community of Kangiqliq (Rankin Inlet). The Project consists of 56 mineral claims 100% owned by 5530 Nunavut Inc., a wholly owned subsidiary of Western Atlas Resources Inc. within three non-contiguous claim blocks (Block A, B and C) located on Crown Lands. All claim blocks comprising the Project are accessible by helicopter and the Agnico Eagle Mines Limited ("AEM") All Weather Access Road ("AWAR"), linking Baker Lake to Agnico's Eagle's Meadowbank and Amaruq mines. Permission is required from AEM to use the AWAR. Exploration activities completed by 5530 Nunavut Inc. at the Project to date have consisted of geological mapping, geochemical sampling, prospecting, airborne and ground geophysical surveys and diamond drilling. Although a 10-person temporary camp with fuel cache is currently permitted at the Project, the 2018, 2019 and 2020 programs were based out of Baker Lake. For the 2021 program, 5530 Nunavut Inc. proposes to drill 15,000 to 20,000 m, with up to four drills and construct a 20 person seasonal camp with the ability to increase to a 40 person camp for future programs. Structures for the proposed camp will include 10 sleeper tents, 1 medical tent, 1 kitchen, 1 dry (with showers), 1 office tent, core shack, generator shack, incinerator and outhouses/pacto systems. The majority of the structures will be insulated Weatherhaven tents, or similar, with plywood floors. Fuel caches will be located adjacent to the camp and on kilometre 58 on the AWAR, will small amounts of fuel at each active drilliste to support the drilling activities. The program is anticipated to commence April 1, 2021 and run for 12 weeks (84 days), with similar programs anticipated for the next 3-4 years.

#### Personnel:

Persons:	40
Days:	90

### Project Map

#### List of all project geometries:

ID	Geometry	Location Name
7026	polygon	WA_Meadowbank_Claims_n83z14_2020031
7027	point	AWAR_Km_58_Fuel_Cache_n83z14_20210108

#### Planning Regions:

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#### Affected Areas and Land Types

Inuit Owned Surface Lands  
Settlement Area

## Project Land Use and Authorizations

### Project Land Use

Mineral Exploration  
Mineral Exploration  
Temporary Structures

### Licensing Agencies

NIRB: Screening Decision Report  
NIRB: Screening Decision Report  
INAC: Class A Land Use Permit  
NWB: Type B Licence

### Other Licensing Requirements

No data found.

## Material Use

### Equipment

Type	Quantity	Size	Use
Generator	6	5 kW or similar	To supply electricity for camp and drilling.
Water Pump	6	KF40 or similar	To supply water for camp and drilling.
Helicopter	2	A-star or similar	Transport equipment, supplies and personnel.
ATV with trailer	2	350 cc	Transport equipment, supplies and personnel.
Diamond drill	4	Zinex A5 or similar	Core sample collection.
Dual chamber controlled air incinerator	1	Inciner8 I8-20S or similar	Incineration of waste.

### Fuel Use

Type	Container(s)	Capacity	UOM	Use
Gasoline	25	205	Liters	Fuel for ATVs and generators.
Aviation fuel	200	205	Liters	Fuel for aircraft.
Propane	25	100	Lbs	Fuel for stove and

Diesel	200	205	Liters	hot water heater. Fuel for generators and drills.
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**Hazardous Material and Chemical Use**

Type	Container(s)	Capacity	UOM	Use
Oil/Hydraulic oil	10	4	Liters	Oil for ATVs, generators, and drills.
CaCl2	1500	50	Lbs	Drilling.
Waster Oil	1	5	Liters	Used oil unable to be repurposed.
Bleach	2	2	Liters	Cleaning.
Various Cleaning Supplies	20	1	Liters	Cleaning products such as Lysol, Clorox, Windex.
Gun	1	1	Liters	Lubrication.

**Water Consumption**

Daily Amount (m <sup>3</sup> )	Retrieval Method	Retrieval Location
299	The water intakes for the camp will use an electrically powered submersible pump with a fine screen (<1/4" openings) on the intake. The drill pumps use a 1" inside diameter suction hose on the diesel pump with a fine screen on the foot valve. For drilling, a fiberglass window screen with a nominal opening size of less than 1/16" is also generally wrapped around the foot valve to prevent the intake of silt and sand into the pump, which can cause considerable damage to the	Numerous un-named sources.

pump chambers. In addition, it is common practice for the drilling contractor to place the foot valve of the intake hose in a perforated 20 L pail, which further protects against harmful materials and fish being entrained into water intake hoses.

## Waste and Impacts

### Environmental Impacts

5530 Nunavut Inc. is firmly committed to the protection and conservation of the natural environment and to ensuring the health and safety of all employees, contractors, and people in surrounding communities. Potential environmental impacts of the Meadowbank Precious Metal Property are negligible and mitigatable with little impacts on the environment. Effort will be made to avoid disturbances of wildlife and the environment. Denning and nesting sites will be avoided, and the locations recorded and provided to the regional wildlife authorities. All archaeological sites will be respected and reported immediately. There will be no discharge of any kind into any water bodies. No drilling will be performed, or sump created within 31 m of the normal high-water mark of any water body. Additionally, all hazardous materials will be placed in secondary containment and stored a minimum of 31 m from the normal high-water mark of any water body. All waste materials will be incinerated, reused, recycled and/or disposed of at an accredited facility. For further details please see the Spill Contingency and Fuel Management Plan, Waste Management Plan, Abandonment and Restoration Plan and Environmental Management Plan.

### Waste Management

Waste Type	Quantity Generated	Treatment Method	Disposal Method
Sewage (human waste)	10-40 people	See attached Waste Management Plan for details.	Incineration or Privy Pit
Combustible wastes	Variable/20-40 person camp	See Waste Management Plan for details.	Incineration
Non-Combustible wastes	Variable	See Waste Management Plan for details.	Removed and taken to approved recycling or disposal site.
Hazardous waste	Minimal	See Waste Management Plan for details.	Stored in sealed containers, within secondary containment, removed and taken to

Greywater	289 m <sup>3</sup> /day (10 m <sup>3</sup> /day for camp, 289 m <sup>3</sup> /day for drilling)	See Waste Management Plan for details.	approved disposal site Camp will utilize excavated sumps located adjacent to camp and drilling will utilize excavated sumps or natural depressions. Sumps will allow greywater to percolate into overburden; minimum distance of 31 m from any water sources.
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