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Aston Bay Property or Storm Project

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ᐱᓚᓂᓴᓂᓴᓄᓂ ᓄᓇᓂᓴᓂᓴᓄᓂ: Mineral Exploration

ᐱᓚᓂᓴᓂᓴᓄᓂ ᓄᓇᓂᓴᓂᓴᓄᓂ: Monday, October 27, 2025

Period of operation: from 2026-06-25 to 2031-09-24

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				Nothing will be removed or disturbed at any archaeological/paleontological site.	
Storm Camp Proposed Additional Water Source	Camp	Crown	The Storm Camp has been used seasonally since 2016, after the originally permitted Aston Camp, located at approximately 73°42'30" N/ 94°43'15" W, was deemed to be unusable due to the limitations of the airstrip . A single wooden storage shack remains at Aston Camp for use as a survival shelter. Historical core also still remains at the old camp site.	Prior to ground disturbance, a desktop study will be completed by a qualified professional archaeologist to identify any known archaeological sites and any areas with potential for unknown sites. Ground surveys will be completed as recommended by the archaeologist. If archaeological/paleontological sites are discovered, work in the area will cease and the NU Department of Culture and Heritage will be informed. Nothing will be removed or disturbed at any archaeological/paleontological site.	The Storm Camp is located at approximately 73°39'23" N / 94°27'07" W, on Somerset Island and is approximately 112 kilometres south of Resolute Bay.
Storm Mineral Tenure	Mineral Exploration	Crown	The area of the Aston Bay Property has been explored by numerous companies since the 1960's for a variety of commodities including copper, zinc, and silver.	Prior to ground disturbance, a desktop study will be completed by a qualified professional archaeologist to identify any known archaeological sites and any areas with potential for unknown sites. Ground surveys will be completed as recommended by the archaeologist. If archaeological/paleontological sites are discovered, work in the area will cease and the NU Department of Culture and Heritage will be informed. Nothing will be removed or disturbed at any archaeological/paleontological site.	The Project is located on Somerset Island, approximately 112 kilometres south of Resolute Bay.

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ᓄᓇᓕᓂᓪᓗ ᓄᓇᓕᓂᓪᓗ	See Attached Consultation Log	Hamlet of Resolute Bay	2025-06-17

Engine Oil	hazardous	15	1	15	Gallons	Drilling equipment, quads, generators, etc.
Grease	hazardous	1	10	10	Kg	Vehicle & equipment lubrication
Various Cleaning Supplies	hazardous	10	1	10	Liters	Cleaning chemicals such as Lysol, Clorox, Windex

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299	The water intake for the camp and drills will use a 5.5HP gas powered pump with an intake hose equipped with a mesh screen.	Camp water source: Aston River or lake adjacent to camp during spring; Drill water source: water source proximal to drill site.

			with plywood for future reuse. When the sumps are no longer required, they will be decommissioned by backfilling with sufficient material to accommodate future ground settlement, restoring the site as close as possible to its natural contour.	
Drilling	ΔLΔ ^c ◁▷ ^{sb} C▷▷ ^{sb} L▷ ^c	≤289 m ³ /day	Recirculation and filtration equipment will be used to minimize the amount of water used and released into the environment. Any residual drill fluids will be contained in natural depression sumps, preventing the drill fluids from entering water bodies directly and allow for slow infiltration into the soil. Sumps will be positioned a minimum of 31 metres from the ordinary high-water mark of any water body. Sumps will be positioned down slope from the drill collar in such a manner that runoff flows into the sump.	See the Waste Management Plan for details on individual waste types.
Mineral Exploration	◁ ^c C _a ^{sb} ▷ ^{sb} C _c ^c	Negligible to low	All opportunities will be taken to reuse or recycle hazardous waste materials. All hazardous wastes will be placed in sealed containers, labeled and stored within "Arctic Insta-	See the Waste Management Plan for details on individual waste types.

			Berms", or similar, for secondary containment until they can be reused or backhauled for recycling or disposal. A hazardous waste storage area will be established adjacent to the main fuel cache. All properly stored hazardous waste will be sealed, labeled, documented and removed from site for proper disposal at a licensed disposal facility.	
Camp	Δd<L C>† ^a ~ ^a † ^c ⊂ ^c	Variable	Effort will be taken to reuse or repurpose any materials before disposal is considered. Non-combustible wastes will be backhauled on an ongoing basis throughout the program and upon seasonal shutdown.	See the Waste Management Plan for details on individual waste types.
Camp	† ^d ~ ^b C ^c -n.σ ^b	40-65 people	Pacto toilets will be utilized at camp. Pacto bags will be incinerated in a batch feed dual-chamber controlled air incinerator specifically designed to be capable of incinerating this type of waste. Incineration of sewage will occur frequently and on a regular schedule.	Incinerator ash will be will be backhauled and disposed at an authorized facility. See the Waste Management Plan for details on individual waste types.

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Aston Bay is firmly committed to the protection and conservation of the natural environment, and to ensure the health and safety of all employees, contractors, and people in surrounding communities. Potential environmental impacts of the Aston Bay Property are low to negligible and largely mitigatable. Effort will always be made to avoid disturbances to wildlife and the environment. Denning and nesting sites will be avoided and the locations recorded and provided to the regional wildlife authorities. Any archaeological sites identified 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 thirty-one (31) metres of the ordinary high-water mark of any water body. Additionally, all hazardous materials will be placed in secondary containment and stored a minimum of 31 metres from the ordinary high-water mark of any water body. For further details, please see the Aston Bay Spill Prevention and Response Plan, Waste Management Plan, Abandonment and Restoration Plan, and Environmental Management Plan.

Additional Information

SECTION A1: Project Info

SECTION A2: Allweather Road

SECTION A3: Winter Road

SECTION B1: Project Info

Commodities being explored for include copper, zinc and silver.

SECTION B2: Exploration Activity

Exploration activities will include: Exploration Land drilling (diamond and R/C), Geophysical work (ground and air), Soil sampling, Prospecting & rock sampling, Geological mapping and off site sample processing.

SECTION B3: Geosciences

Geophysical operation types include: Magnetic, Electromagnetic & Magnetotellurics.

SECTION B4: Drilling

Annual exploration programs are expected to continue similar to previous years with a slight increase in drilling meterage anticipated. Drilling programs of 15,000 to 25,000 metres (approximately 120 holes) annually is estimated, utilizing one to three diamond drills, and one to two reverse circulation drill rigs. The average hole depth is expected to be approximately 200 m, up to a maximum proposed depth of 700 m. The exact drill additives may vary. Aston Bay will ensure that the drilling contractor maximizes the use of non-toxic and biodegradable additives whenever possible. The Aston Bay Storm Project Spill Prevention and Response Plan will be updated with appropriate MSDS sheets once the additives have been determined. However, until confirmed, it is assumed that the following materials may potentially be present at the drill site: • drill fluid additive "550X polymer" (consists of copolyacrylamide / sodium acrylate; Non Toxic) • tube grease - Beacon 2, Z-50 pipe dope (Non Toxic) • circulation polymer – G-stop (Non Toxic) • rod grease – Big Bear diamond drill rod grease (Non Toxic) • motor oil – super plus SAE 10W30 and 15W-40 (Non Toxic) • hydraulic oil – Harmony AW 22, 32, 46, 68 (Non Toxic) • Linseed Soap – (Non Toxic) • Extreme Alkamer • Extreme Number One • Extreme Super-G Blue • Extreme Super-G Gold • Extreme Stop LCM/Jelly • Extreme Clay Seam • Extreme Enviro Cote • AMC K ION • AMC CR 650 polymer • CaCl₂ The drill waste, including water, cuttings and muds will be disposed in an appropriate natural depression sump; at least 31 m from the ordinary high water mark of any water body, where direct flow into a water body is not possible and no additional impacts are created. Drilling will utilize recirculation and filtration systems to minimize loss of water and drill additives. Non-toxic and bio-degradable drilling fluids will be used wherever possible. Drilling fluids will be directed into a properly constructed sump or an appropriate natural depression, at least 31 m from the ordinary high water mark of any adjacent water body, where direct flow into a water body is not possible and no additional impacts are created. If any artesian water flow is detected, the hole will be plugged immediately and cemented in bedrock to prevent continued flow. The drill, drilling equipment and accessories (pumps, hose, tanks, etc.) will be mobilized to the Project either by barge or fixed wing aircraft. Drilling equipment, materials and fuel will be transported from the Marine Landing Area to the camp or drill sites via helicopter. If later reactivation of the hole is not required, casing will be removed whenever possible. Any remaining/fused casing will be cut off to ground level or below. Any holes with flowing water will be permanently sealed unless written instruction from the relevant authority is received to indicate otherwise.

SECTION B5: Stripping

N/A

SECTION B6: Underground Activity

N/A

SECTION B7: Waste Rock

N/A

SECTION B8: Stockpiles

N/A

SECTION B9: Mine Development

SECTION B10: Geology

SECTION B11: Mine

SECTION B12: Mill

SECTION C1: Pits

SECTION D1: Facility

SECTION D2: Facility Construction

SECTION D3: Facility Operation

SECTION D4: Vessel Use

SECTION E1: Offshore Survey

SECTION E2: Nearshore Survey

SECTION E3: Vessel Use

SECTION F1: Site Cleanup

SECTION G1: Well Authorization

SECTION G2: Onland Exploration

SECTION G3: Offshore Exploration

SECTION G4: Rig

SECTION H1: Vessel Use

SECTION H2: Disposal At Sea

SECTION I1: Municipal Development

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The region is characterized by rolling terrain with low relief. The topography initially rises abruptly from sea level to about 100 m, and then levels out eastward, to an average of roughly 200 to 300 m above sea level. Flat areas are dominated by felsenmeer and cryoturbated soils. Cryoturbation produces features such as frost boils, ice-wedge polygons, stone nets and stone stripes. The Aston River is the main watercourse in the area; it runs east-west through the Property draining into Aston Bay. The Aston River and other major drainages are characterized by steep incised canyons, typically exposing good outcrop along the canyon walls. To date, there has been no evidence of ground slope or rock instability, or seismicity in the Project area. Likewise, there is no evidence at this time of thermokarsts or ice lenses. The Aston Bay Property is underlain primarily by Cambrian to Devonian strata deposited on a rifted cratonic margin. Carbonates, evaporites and continentally-derived siliciclastics accumulated on a carbonate platform that passed southwards into cratonic sedimentary cover. The nearest National Parks are Polar Bear Pass National Wildlife Area located on Bathurst Island north of Somerset Island and Sirmilik National Park on northern Baffin Island, east of Somerset Island. The nearest Marine Protected Area surrounds the Prince Leopold Island Migratory Bird Sanctuary located to the northeast of Somerset Island. The Property is in the Northern Arctic Ecozone, consisting of plateaux and rocky hills. Coastal areas typically constitute wide plans 'fenced' by boulders carried onshore by sea ice, strong tidal currents and storm waves. The Northern Arctic Ecozone is characterized by low mean temperatures and minor precipitation, mainly falling as snow. January and February are the coldest months, with average temperatures below -30 degrees Celsius (oC). Summers are typically brief, cool, and damp with a mean temperature of under 3 oC through July and August. Snow cover during winter months may be as little as 30 cm; however, constant northwest winds can build-up more significant drift accumulations. The entire region is subject to continuous permafrost that extends to depths of 400 to 500 m. Aston Bay does not anticipate any impacts to the air and water quality or climate from this program. Noise levels in the arctic are very low, but can increase due to exploration activities. Noise can result from the use of planes, helicopters and drills and to a lesser degree from activities within the camp, which have the potential to disturb wildlife. Noise disturbance mitigation measures will include, but not be limited to:

- Helicopters and fixed wing aircraft will avoid low altitude flights whenever possible.
- When operations require low-altitude flights, such as during airborne geophysical surveys, the planned survey areas will be monitored in advance to identify any potential wildlife concerns. If necessary, alternate areas will be flown to avoid disturbance.
- Pilots will be instructed not to land where wildlife is present, unless it is an emergency situation.
- Drill sites will be stated away from any wildlife nests or dwellings.

For additional disturbance mitigation measures see the Aston Bay Environmental Management Plan.

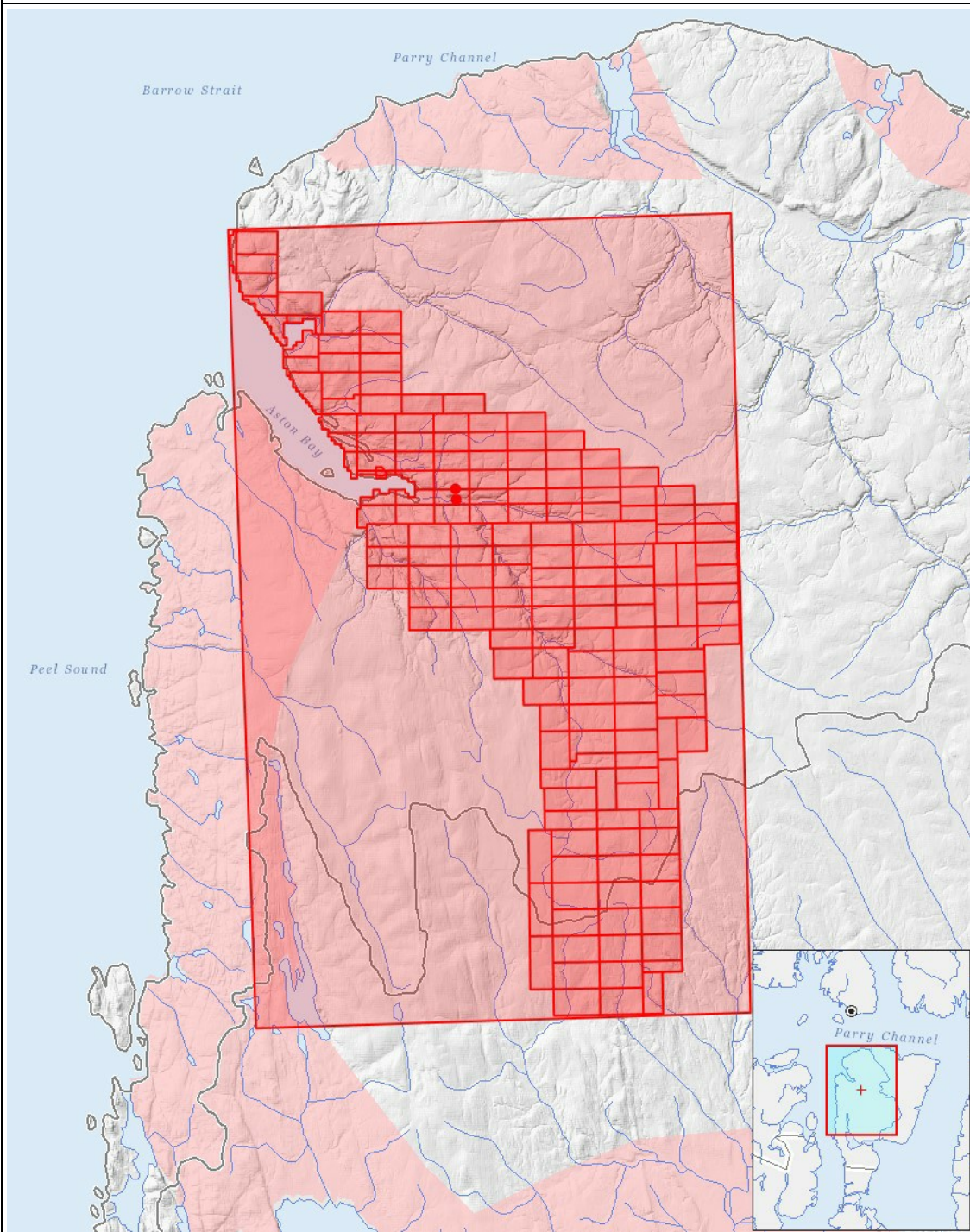
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Vegetation at the Storm Property consists mainly of moss, lichens, stunted plants and arctic grasses. The grasses are typically observed growing at lower elevations in the areas associated with river drainage basins. Muskoxen are occasionally observed grazing in these areas. Arctic fox, hare, and lemmings have also been noted at the Property. Polar bears are rarely observed and caribou have never been observed at the Project. Seals can also be observed lying on the ice along the coast of Aston Bay. Two important bird areas are identified on Somerset Island by Environment Canada: Batty Bay and Creswell Bay, but neither of them is in the vicinity of the Aston Bay Project as they are along the East Coast. Species of concern in the area, as identified under the Species at Risk Act, include Peary Caribou, Red-Necked Phalarope, Buff-Breasted Sandpiper, Ivory Gull, Red Know, Ross's Gull, Short-Eared Owl, Polar Bears and Wolverines. Polar bears and wolverines require large open spaces such as the arctic tundra to forage for food and have extensive ranges. Please refer to Aston Bay's Environmental Management Plan for disturbance mitigation measures. Atlantic walrus, beluga whale, killer whale and bowhead whale have the potential to be observed within the waters surrounding Somerset Island. To our knowledge, there is no know critical habitat, thus the impact should be very low, however to the best of Aston Bay's ability, sealift activity will be minimized during May 1 to August 31, annually to avoid impacts on cetacean calving windows.

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The closest community to the Aston Bay Property is Resolute Bay, approximately 112 k to the north. Tent rings and remains of camps from Thule culture (AD 1000 – 1400) can be found near the Arctic Watch Lodge, along the northern coast of Somerset Island. An Archaeological Impact Assessment (AIA) was conducted by WSP Canada Inc. (WSP), on behalf of Aston Bay Holdings Inc., in 2024 to identify potential archaeological conflicts with proposed work areas. The objectives of the 2024 AIA were to conduct field assessments of three proposed Marine Laydown Area (MLA) options and eight drill areas. Assessment methods included a combination of low-level helicopter survey as well as pedestrian ground survey. Inclement weather prevented assessment of all Project components; however, the three potential MLA locations were successfully assessed as well as two drill areas (Corona and Lightning Ridge). As a result of the assessment, no archaeological sites were identified in conflict with the preferred MLA 1 option, which is the one currently being applied for use. No sites were identified in the drilling areas examined. The remaining drilling areas were completed during the 2025 field program. Prior to any ground disturbance, desktop studies will be completed by a qualified professional archaeologist to identify any known archaeological sites and any areas with potential for unknown sites. Ground

the Island. Icebreaker Cruise Ship Tours – tourists may disembark to explore the ancient Thule Ruins, but these are again located in the northern part of Somerset Island. The combination of small-scale grassroots exploration programs and tourism activities, both past and present, in and around the Aston Bay Property is considered to have a minor or negligible impact.



List of Project Geometries

1	polygon	Storm Mineral Tenure
2	polygon	Storm Project Extents
3	polygon	Storm Proposed Marine Landing Area
4	point	Storm Camp
5	point	Storm Camp Proposed Additional Water Source

