

N2021C0004
2023 CIRNAC LAND USE ANNUAL REPORT

FOR THE ASTON BAY PROPERTY
(ALSO KNOWN AS THE STORM PROPERTY)
NUNAVUT, CANADA

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1 Summary

CIRNAC Land Use Permit Number: **N2021C0004**

NWB Water Licence Number: **2BE-STO2025**

Work Completed: Drilling, Ground Gravity, Ground Magnetic and Ground Electromagnetic Geophysical Surveys

Dates Work Completed: April 7, 2023 to August 25, 2023

Property Location: NTS 058C02, 058C03, 058C06, 058C07, 058C10, 058C11, 058C13, 058C14; Somerset Island, Nunavut, Canada

Storm Camp Location: 73°39'23" N latitude; 94°27'07" W longitude

2 Introduction

The Aston Bay Property is located on northern Somerset Island, Nunavut in the Canadian Arctic Archipelago (Figure 1). The nearest community is the hamlet of Resolute Bay, located 112 km north of the Property, on Cornwallis Island. The Property is approximately 1,500 km northwest of Iqaluit, the capital of Nunavut, and about 1,500 km northeast of Yellowknife, Northwest Territories. The Aston Bay Property includes the Seal Zinc prospect and multiple copper-silver showings (2200N, 2750N, 3500N, 4100N and Thunder zones), collectively known as the Storm Copper prospect. The Storm Copper prospect is associated with a regional graben structure known as the Central Graben. The Property also includes the developing Tempest prospect, located approximately 40 km south of the Storm Copper area.

The 2023 Aston Bay Property exploration program was completed between April 7 and August 25, 2023, including mobilization and demobilization. A total of 9,651 m of drilling was completed in 63 holes by drilling contractors Northspan Explorations Ltd. and Top Rank Diamond Drilling Ltd. Drilling was carried out within claims 100085, 10086, 10089 and 100090. Ground geophysical surveys included collection of gravity, electromagnetic and magnetic data. Geophysical surveys were conducted within claims 100084, 100085, 100086, 100089, 100090, 102596, 102597, 102598 and 102599.

The program was supervised by personnel from Aston Bay Holdings Ltd. (“Aston Bay”) and APEX Geoscience Ltd. (“APEX”). All personnel were based out of Storm Camp located at approximately 73°39’23” N latitude and 94°27’07” W longitude.

3 Land Use Area Description and Location

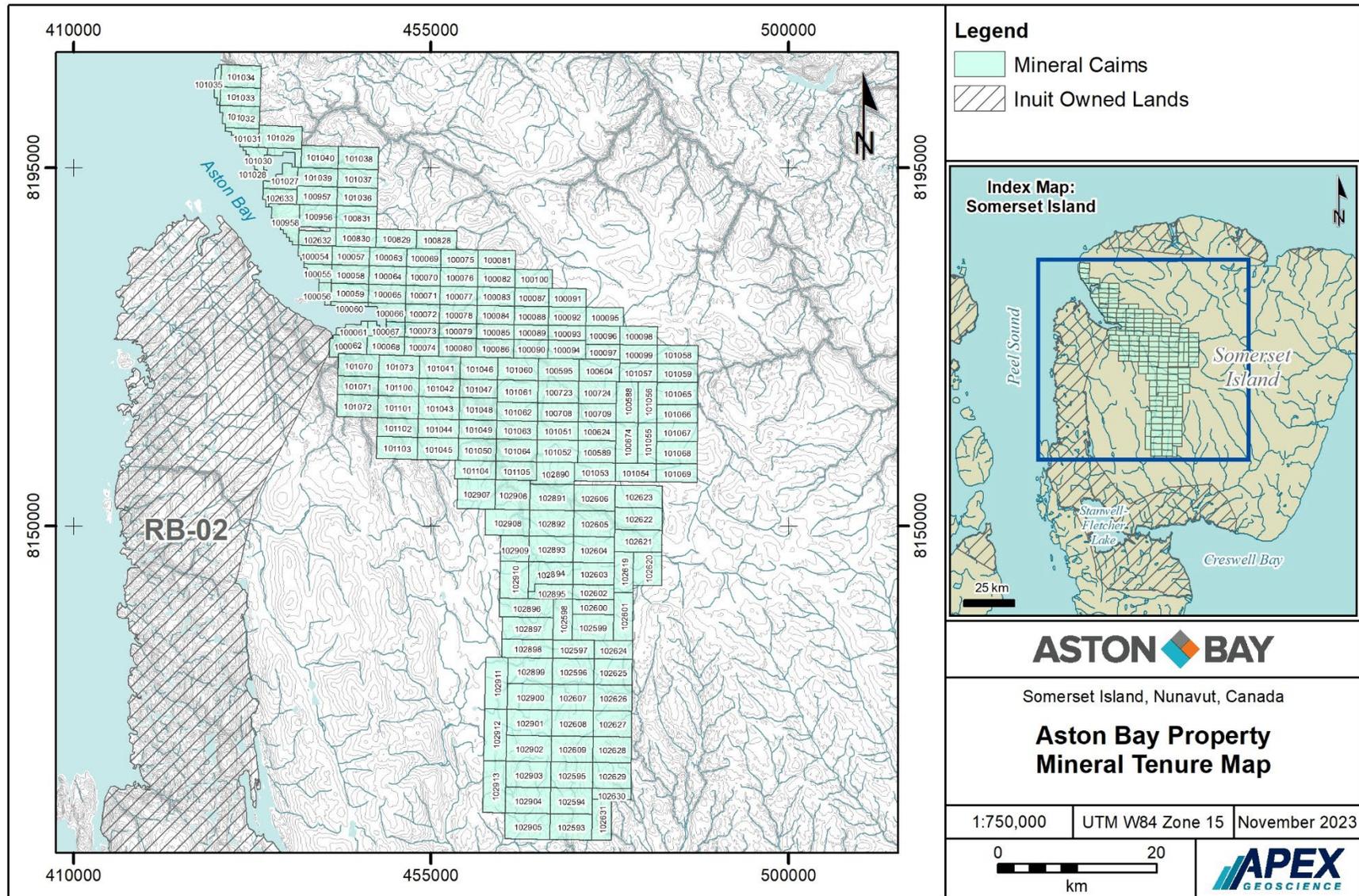
The Aston Bay Property is situated in the Qikiqtaaluk Region of Nunavut, within the 1:50,000 scale NTS (National Topographic System) map sheets 058C02, 03, 06, 07, 10, 11, 13 and 14. The Property comprises 173 contiguous mineral claims (Figure 2; Appendix 1).

The Aston Bay Property covers a combined area of approximately 219,256.7 ha. The Property is bound by latitudes 72°05’ N and 73°57’ N, and longitudes 93°21’ W and 95°21’ W and is centered at approximately 73°31’ N latitude and 94°20’ W longitude.

Figure 1. Aston Bay Property Location.



Figure 2. Aston Bay Property Mineral Tenure Map.



4 2023 Exploration Program

The 2023 exploration programs were completed between April 7 and August 25, 2023. The exploration was completed in two phases, the first program from April 7 to May 31, and the second from July 2 to August 25, 2023. A notice of commencement was sent to CIRNAC at aadnc.landsmineing.aandc@canada.ca on April 12, 2023.

All exploration work was conducted within mineral claims 100084, 100085, 100086, 100089, 100090, 102596, 102597, 102598 and 102599. All drilling and geophysical activities were helicopter supported and based out of Storm Camp, located at approximately 73°39'23" N latitude and 94°27'07" W longitude. The 2023 program was managed by Aston Bay and APEX personnel, and executed by APEX personnel, Northspan Explorations Ltd., Initial Exploration Services, Géophysique TMC and Top Rank Drilling Ltd. A Bell 407 or Astar AS350 helicopter was contracted from Custom Helicopters Ltd. of St. Andrews, MB. Fixed-wing support was provided by Kenn Borek Air Ltd. of Calgary, AB. Camp services and logistical support was provided by South Camp Enterprises of Resolute Bay, NU, Atco Structures & Logistics of Resolute Bay, NU, Rugged Edge Holdings Ltd. of Smithers, BC, H.A. Butler Contracting Ltd. of Smithers, BC, and Discovery Mining Services Ltd. of Yellowknife, NT.

The exploration programs focused on Storm Copper and comprised 2,237 m of diamond drilling in 7 holes and 7,414.3 m of reverse circulation (RC) drilling in 56 holes (Table 1; Figure 3), targeting the 4100N, 2750N and 2200N Zones, as well as various exploration targets in the Storm Central Graben.

The exploration programs also included ground geophysical surveys for gravity, electromagnetic and magnetic returns. Moving-loop electromagnetic surveys were conducted at the 4100N zone, Thunder (within Storm Central Graben) and Tempest prospects, for a total of 33.4 line-km (Figures 4 and 5). Time-domain electromagnetic data was collected over 67.2 line-km, and ground magnetic data was collected over 35.6 line-km both at the Tempest prospect (Figures 6 and 7). Ground gravity was collected at 2,656 stations over the Storm Central Graben area (Figure 8). A summary of geophysical activities during the 2023 exploration programs is presented in Table 2.

Table 1. 2023 Drill Hole Locations.

Drill Hole	Zone	Latitude	Longitude
SM23-01	2750N	73.6457	-94.0754
SM23-02	4100N	73.6584	-94.1140
SM23-03	4100N	73.6577	-94.1161
SR23-01	4100N	73.6587	-94.1147
SR23-02	4100N	73.6576	-94.1147
SR23-03	4100N	73.6584	-94.1132
SR23-04	4100N	73.6576	-94.1130

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Drill Hole	Zone	Latitude	Longitude
SR23-05	4100N	73.6574	-94.1177
SR23-06	4100N	73.6584	-94.1177
SR23-07	4100N	73.6579	-94.1206
SR23-08	4100N	73.6586	-94.1232
SR23-09	4100N	73.6579	-94.1232
SR23-10	4100N	73.6589	-94.1260
SR23-11	4100N	73.6580	-94.1251
SR23-12	4100N	73.6590	-94.1109
SR23-13	4100N	73.6590	-94.1129
SR23-14	4100N	73.6581	-94.1162
SR23-15	4100N	73.6576	-94.1191
SR23-16	4100N	73.6583	-94.1101
SR23-17	4100N	73.6577	-94.1100
SR23-18	4100N	73.6587	-94.1086
SR23-19	2750N	73.6453	-94.0762
SR23-20	2750N	73.6457	-94.0745
SR23-21	2750N	73.6455	-94.0730
SR23-22	2750N	73.6457	-94.0745
SR23-23	2750N	73.6455	-94.0731
SR23-24	2200N	73.6418	-94.0756
SR23-25	2200N	73.6406	-94.0723
SR23-26	2200N	73.6410	-94.0724
SR23-27	2200N	73.6410	-94.0768
SR23-28	4100N	73.6580	-94.1086
SR23-29	4100N	73.6584	-94.1071
SR23-30	4100N	73.6577	-94.1071
SR23-31	4100N	73.6572	-94.1059
SR23-32	4100N	73.6575	-94.1038
SR23-33	4100N	73.6580	-94.1053
SR23-34	4100N	73.6588	-94.1053
SR23-35	4100N	73.6590	-94.1281
SR23-36	4100N	73.6584	-94.0989
SR23-37	4100N	73.6580	-94.1004
SR23-38	4100N	73.6570	-94.1037
SR23-39	4100N	73.6584	-94.1038

Drill Hole	Zone	Latitude	Longitude
SR23-40	4100N	73.6591	-94.0970
SR23-41	4100N	73.6567	-94.1220
SR23-42	4100N	73.6593	-94.1178
SR23-43	4100N	73.6586	-94.1192
SR23-44	4100N	73.6567	-94.1244
SR23-45	4100N	73.6574	-94.1219
SR23-46	4100N	73.6572	-94.1115
SR23-47	4100N	73.6621	-94.1191
SR23-48	2200N	73.6405	-94.0754
SR23-49	2200N	73.6405	-94.0754
SR23-50	2200N	73.6405	-94.0731
SR23-51	2200N	73.6405	-94.0731
SR23-52	Storm Graben	73.6432	-94.0797
SR23-53	Storm Graben	73.6397	-94.0520
SR23-54	4100N	73.6578	-94.0958
SR23-55	4100N	73.6605	-94.1020
SR23-56	4100N	73.6574	-94.1251
ST23-01	4100N	73.6591	-94.1208
ST23-02	4100N	73.6627	-94.1385
ST23-03	Thunder	73.6454	-94.1052
ST23-04	Storm Graben	73.6531	-94.1690

Table 2. 2023 Ground Geophysical Activities Summary.

Geophysical Data Collection	Prospect	Lines	Line-km	Stations
Moving-Loop Electromagnetics	4100N	8	20.1	169
	Thunder	5	9.3	78
	Tempest	2	4	18
Gravity	Storm Graben			2,656
Time-Domain Electromagnetics	Tempest	50	67.2	
Magnetics	Tempest	17	35.6	

Figure 3. 2023 Drill Hole Locations at Storm Copper.

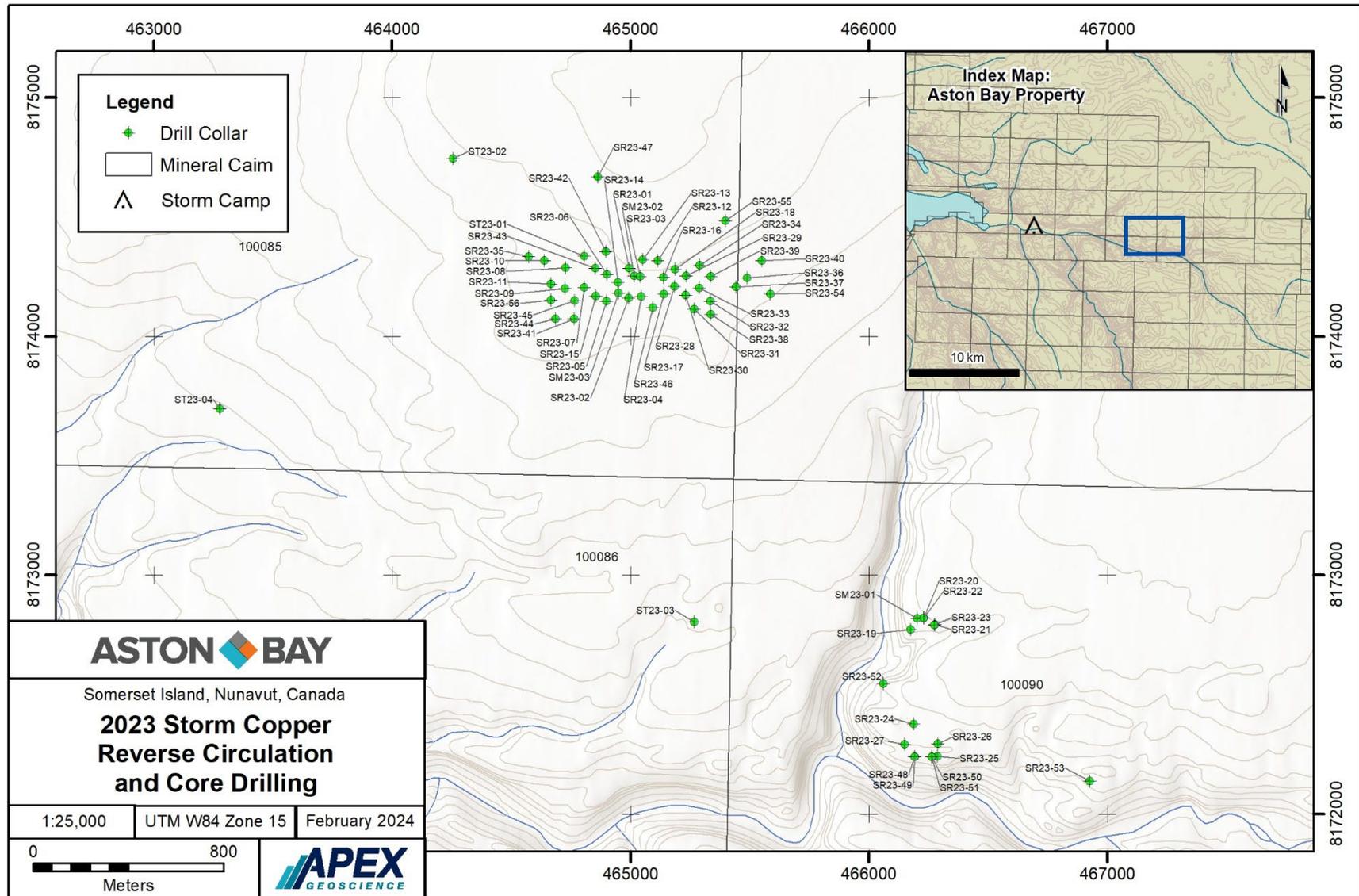


Figure 4. Moving-loop electromagnetic lines and stations at 4100N and Thunder prospects.

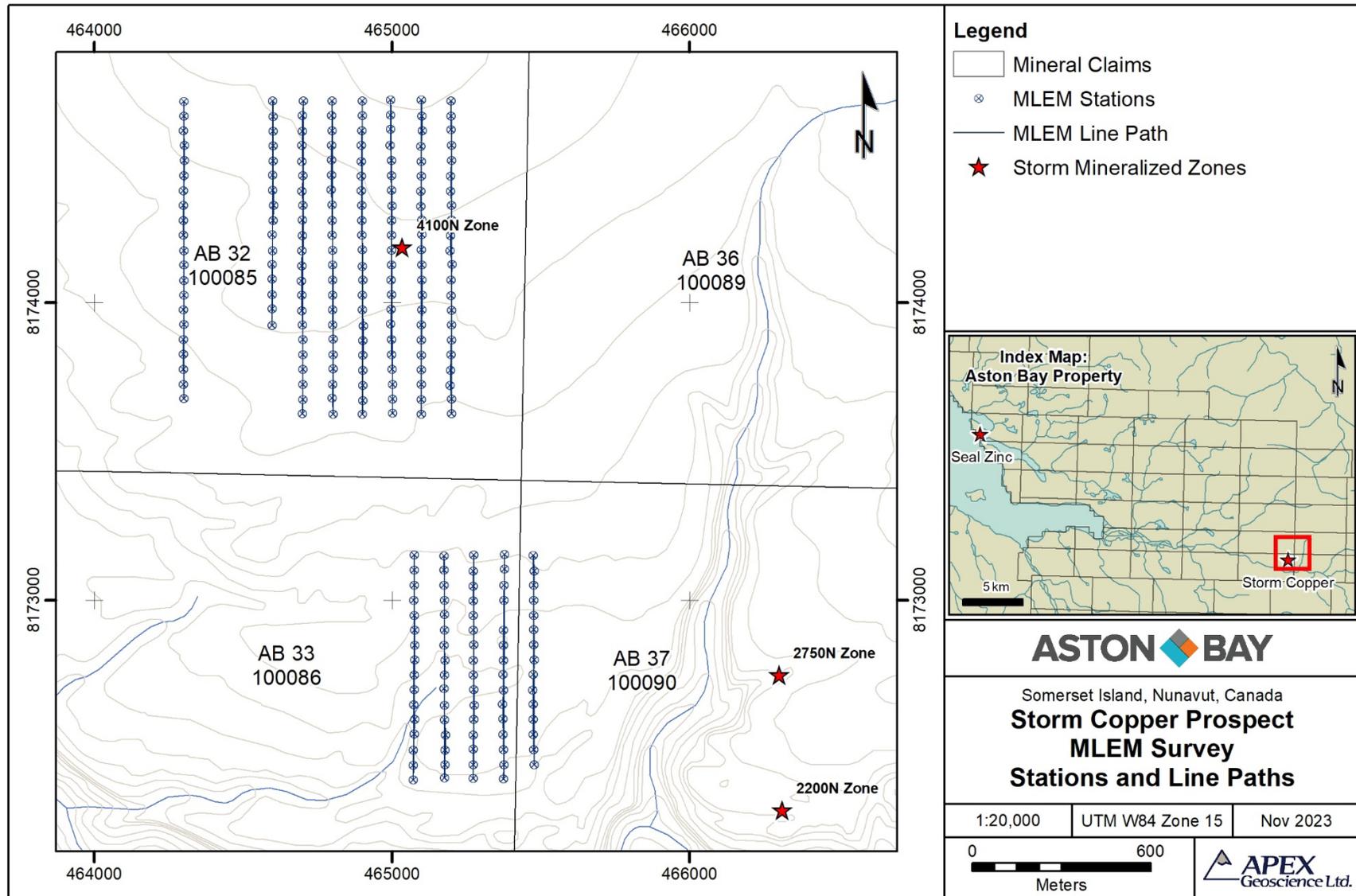


Figure 5. Moving-loop electromagnetic lines and stations at Tempest prospect.

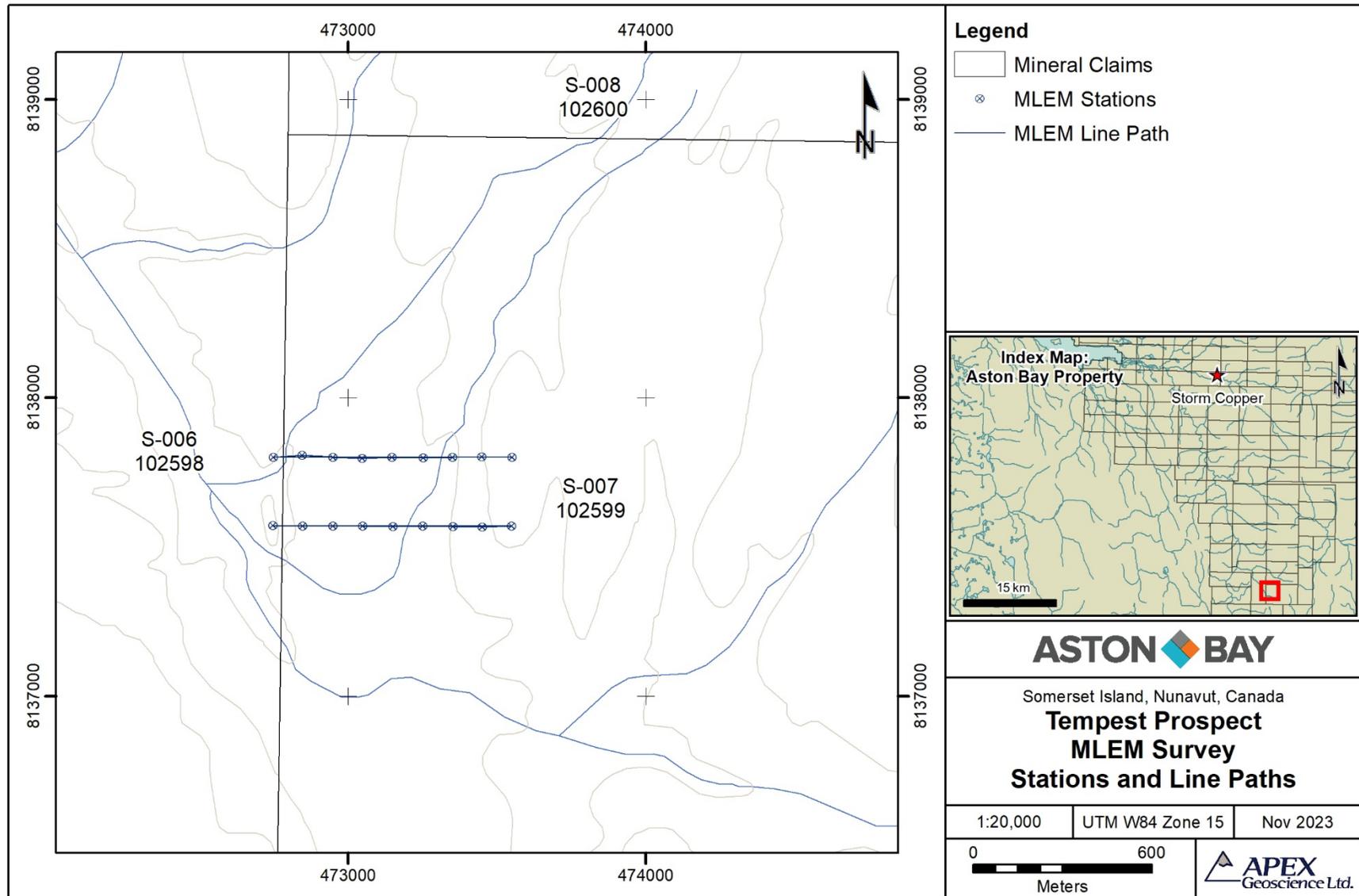


Figure 6. Time-domain electromagnetic line paths at the Tempest prospect.

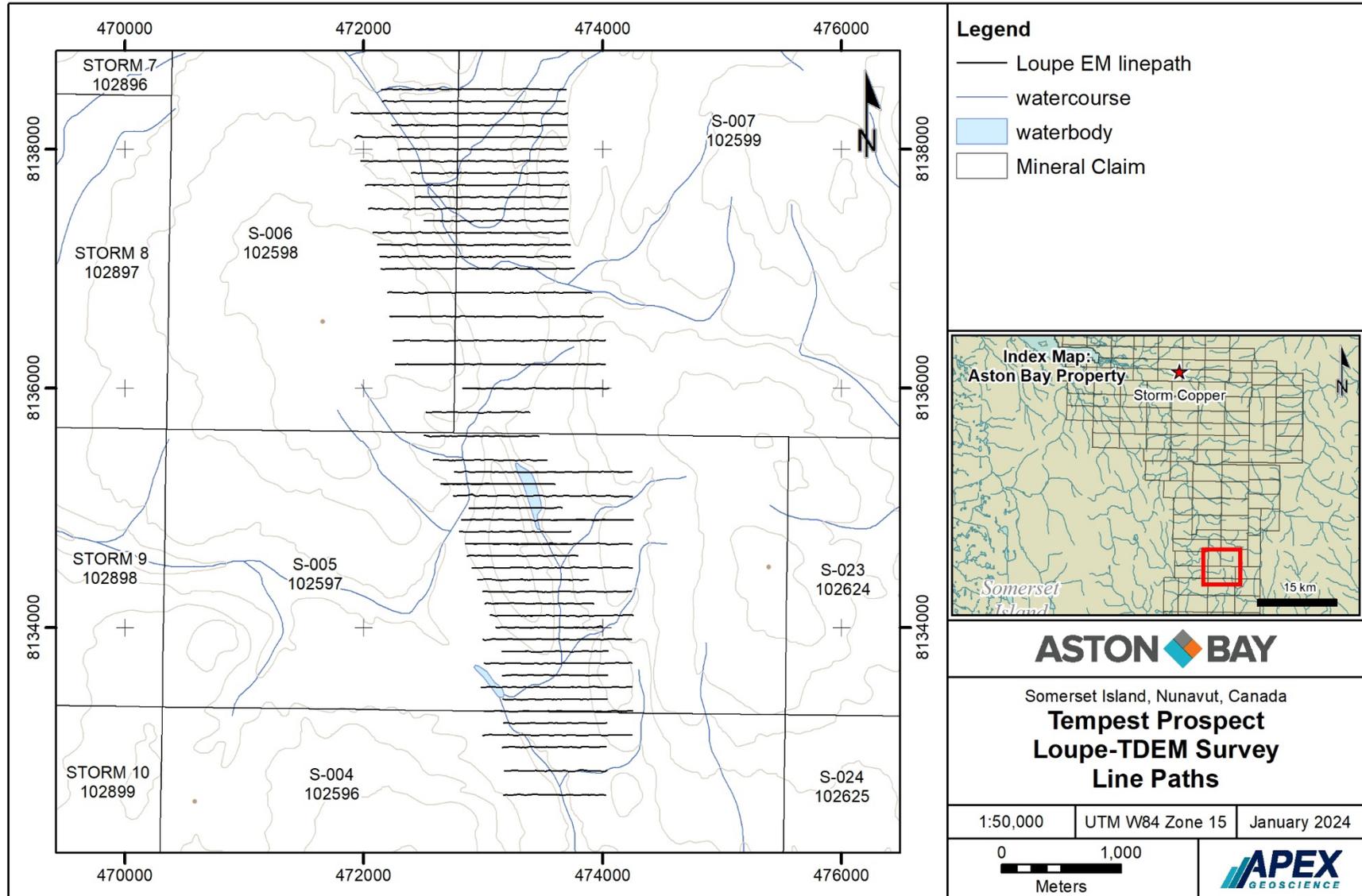


Figure 7. Ground magnetic line paths at the Tempest prospect.

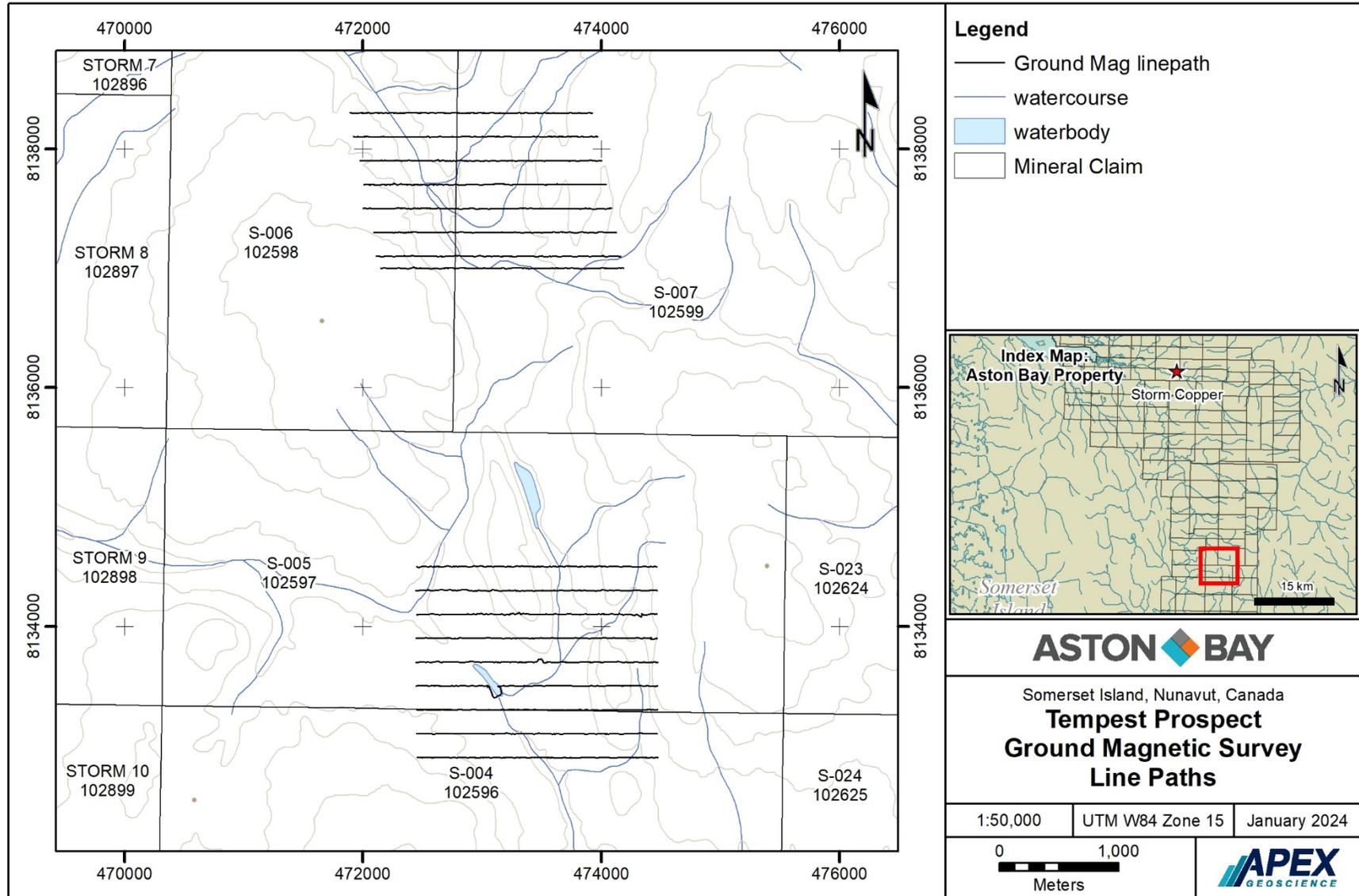
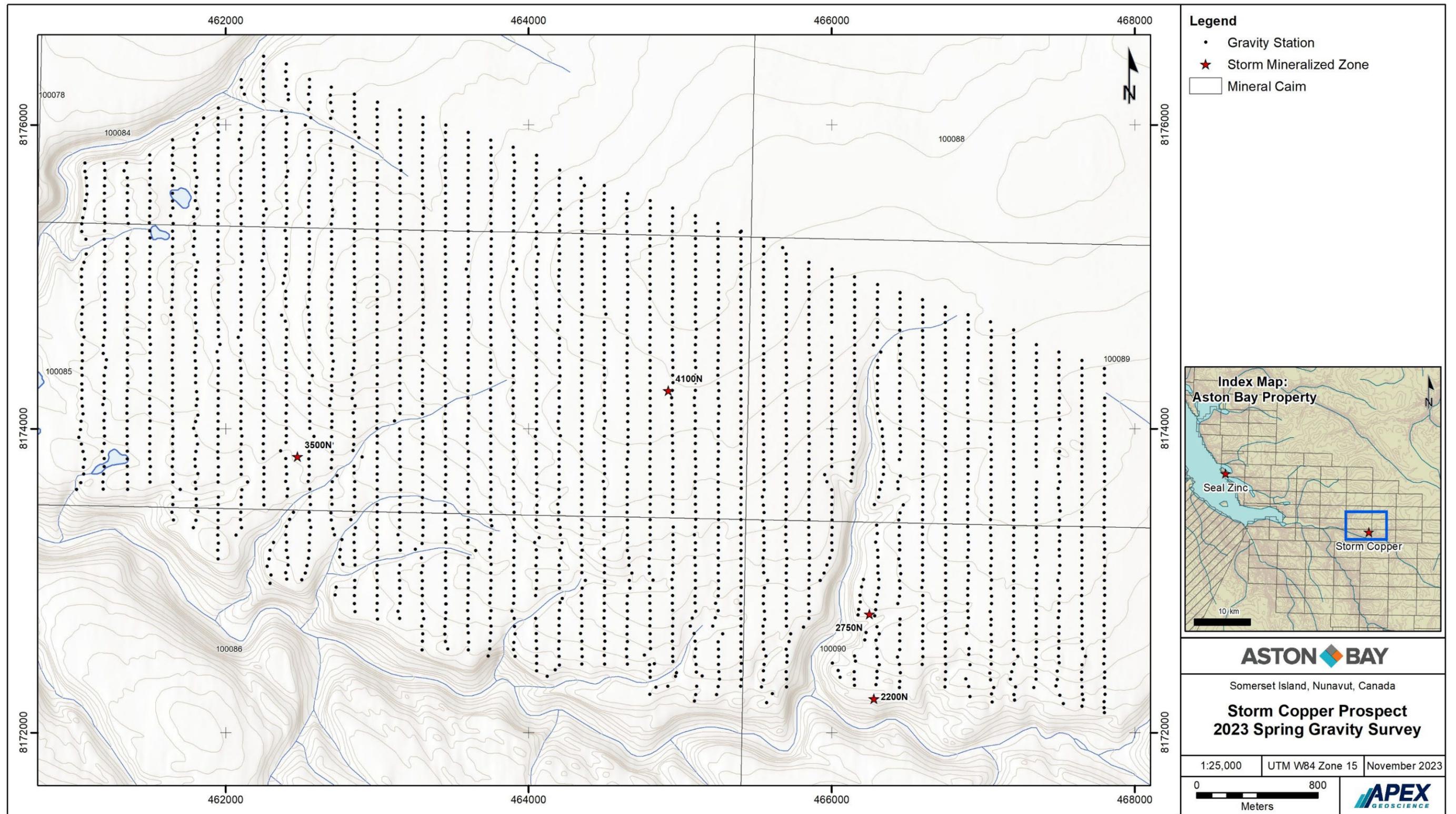


Figure 8. Ground gravity survey stations at the Storm Central Graben.



5 Land Use

5.1 Camp & Waste

The Storm Camp is located along the Aston River at approximately 73°39'23" N latitude and 94°27'07" W longitude. The camp site is located on an elevated gravel bar in the river valley. It includes an airstrip suitable for landing a Twin Otter. A staging area was established at the east end of the airstrip, approximately 600 metres west of Storm Camp.

Storm Camp was constructed during the 2016 and 2018 seasons and was used to support exploration during subsequent years. The camp comprises 26 structures including 19 insulated Weatherport tents built upon wooden floors and 7 plywood structures. Three Weatherport tents were constructed in 2023. All tents and plywood buildings remain in place for future use.

Upon seasonal closure, electronics and communications gear were removed from site. Most other camp equipment was stored on site inside of the tents or plywood buildings. All remaining lumber was stacked at the east end of camp for future use. Tables 3 and 4 list the structures and major equipment left on site at the close of the season on August 25, 2023. Camp photos are included in Appendix 2.

Table 3. Storm Camp Remaining Structures August 23, 2023.

Quantity	Item
1	16'x32' plywood kitchen building.
1	14'x32' plywood floor for core shack.
1	12'x20' plywood latrine shack. Includes 5 pacto toilets.
1	10'x16' plywood storage shack.
1	10'x16' plywood generator shack. Includes exhaust piping, etc.
1	12'x12' plywood core cutting shack.
1	14'x16' plywood water tank storage shack.
13	14'x16' insulated Weatherport tents on plywood floor to serve as sleeper tents. Includes plywood beds, tables, chairs etc.
3	14'x16' insulated Weatherport tents on plywood floors to serve as dries. Includes shower stalls, sink, plumbing, etc.
3	14'x16' insulated Weatherport tents on plywood floors to serve as offices and first aid tent. Includes tables, chairs, etc.

Table 4. Storm Camp Remaining Equipment August 25, 2023.

Quantity	Item
3	Water tanks (350gal, 250gal, and 150gal)
2	Hot water tanks
2	Water supply pumps with fish screen and hose line
2	Water pressure pumps
5	Generators (1 14 kVA diesel generator with 1 12 kVA diesel generator backup, plus 5 kW gas backups (x3))
1	Electrified bear fence (taken down at end of season)
1	Dual chamber-controlled air incinerator
4	Refrigerators
4	Chest freezers
2	Cooking stoves
1	Dishwasher
3	Washing machines
3	Dryers
19	Toyotomi heating stoves
10	Oil drip stoves
5	Pacto toilets
5	Containment berms for fuel cache & drill equipment
28	Mini berms for tent drums and fuel transfer
	Heavy electrical cables and panel boxes
	Various lumber (stacked by generator shack)
	Various office, camp and medical supplies

Camp water was drawn from the Aston River for cooking and cleaning. Drinking water was purchased and flown in from Yellowknife/Resolute in 5 gallon jugs. A filtering system was added for the summer program to use the local water for drinking.

During the spring program, the Aston River was frozen through, so water could not be drawn. Water was instead drawn from a lake north of the camp, at approximate coordinates 73°40'05" N latitude and 94°27'17" W longitude. A mesh screen was in place at all times over the pump intake to ensure fish were not entrained. Water was only taken from this location so long as the Aston River was frozen through. Camp supply was drawn from the Aston River for the whole of the summer program. A total of 66.25 m³ of water were drawn from the lake and flown to the camp in the spring between April 11 and May 28, 2023, averaging 1.38 m³ per day.

A total of 87.97 m³ of water was drawn from the Aston River for camp use between July 7 and August 25, 2023, averaging 1.59 m³ per day. During operations, running water, laundry and showers were available in camp. Water was drawn from the river using a 5.5 HP gas powered pump or an electric trash pump. The pump intake hose was equipped with a mesh screen to ensure fish were not entrained. When in use, during fueling or in

transit, the pump was placed in a plastic spill tray. When not in use, the pump was stored in camp within secondary containment. No fuel was stored at the pump site and all fueling was completed in camp. Water volumes were measured using markings on the water storage tanks at 50-gallon increments. The volumes were recorded in a daily log by the camp foreman (Appendix 3).

5.2 Fuel Storage

During the 2023 program, the existing fuel caches were used, located at the east end of Storm Camp at approximately 73° 39' 23" N latitude and 94° 26' 58" W longitude, and adjacent to the camp airstrip at 73° 39' 24" N latitude, 94° 28' 20" W longitude. A small amount of diesel, gas and jet fuel drums were stored at the Storm Camp and airstrip fuel caches during the offseason (Tables 5 and 6). All fuel drums were stored in covered containment berms. Remaining propane cylinders were secured to one of the plywood buildings.

Table 5. Storm Camp Fuel Cache Inventory August 25, 2023.

Material	Container	Quantity on Site
Diesel	205 L Drum	22 Drums
Gasoline	205 L Drum	16 Drums
Jet Fuel (Jet A)	205 L Drum	59 Drums
Propane	100 lb Cylinder	4 Cylinders

Table 6. Storm Airstrip Fuel Inventory August 25, 2023.

Material	Container	Quantity on Site
Diesel	205 L Drum	42 Drums
Jet Fuel (Jet A)	205 L Drum	6 Drums
Gasoline	205 L Drum	3 Drums

All fuel caches are located a minimum of 31 metres from the normal high-water mark of any water bodies. No damaged or leaking drums were identified during inspection prior to the end of the 2023 season. No empty drums or empty propane cylinders remain on site.

5.3 Flights

All field work completed during 2023 was helicopter supported, using Storm Camp as a base. A Bell 407 or Astar AS350 helicopter was contracted from Custom Helicopters Ltd. for the duration of the program. Personnel and gear were transported to and from the field daily using the helicopter. Pilots were instructed, when possible, to avoid landing in areas with soft ground to avoid rutting. Helicopter pads at the camp were situated on firm, level ground a safe distance from work sites.

A fixed wing Twin Otter aircraft based in Resolute Bay, NU was chartered from Kenn Borek Air Ltd. as needed. The Twin Otter was used to move personnel, fuel and supplies between Resolute Bay and the Storm Camp airstrip.

5.4 Drilling

One Multi Power Products Discovery II core drill and one Zinex A-5 core drill, including most of the ancillary equipment and consumables, remain on site for future drill programs. All equipment was drained of fuel and oil for off-season storage. Tables 7 and 8 list the core drilling equipment and consumables left on site at the close of the season on August 25, 2023. All RC drilling equipment was removed at the end of the 2023 exploration program.

Table 7. Remaining Drill Equipment August 25, 2023.

Quantity	Item
1	Zinex A-5 diamond drill with engine, feed frame, control panel, drill head, foot clamp, wireline and drill shack
1	MPP Discovery II diamond drill with engine, feed frame, control panel, drill head, foot clamp, wireline and drill shack
1	Spare engine
1	Spare rotation motor
1	Spare drill head
2	Spare feed cylinders
2	Spare foot clamps
2	Spare winch and pump drive motors
1	Spare main hydraulic pump
1	Spare wireline winch (2 spare rolls of wireline)
6	5 kW gas generators
2	Welders
5	Supply pumps (1 spare transmission)
4	Trash pumps
3	Spare down hole pumps
2	Mud separators
6	Mud tanks
8	Coil stoves
6	Diesel heaters
6	Fuel tanks
2	Fly baskets
266	3m NQ drill rods
90	1.5m casing
16	Outer tubes
18	Inner tubes

Quantity	Item
75	200 psi water line
75	400 psi water line
4	Spill kits
4	Survival shacks
	Various fittings & tooling

Table 8. Remaining Drill Consumables August 25, 2023.

Quantity	Item
66	Various drill muds (5 gal pails)
27	Motor oil (1 gal cans)
33	Hydraulic oil (5 gal pails)
20	Rod grease (5 gal pails)
133	Calcium Chloride (50lb bags)

5.5 Archaeological Sites

No new or known archaeological sites were encountered during the 2023 exploration program.

5.6 Inuit Owned Land

No work was completed on IOL during the 2023 Aston Bay Property exploration program.

6 Wildlife and Environment

As a general rule, any interaction with wildlife was discouraged; however, all personnel were instructed on the appropriate action to take when encountering wildlife in the field. Whenever possible, the helicopter pilot was instructed to maintain a minimum altitude of 610 metres above ground level and, when necessary, alter course to avoid disturbing any wildlife spotted during flight. Prior to, and after dropping off field crews, the pilot conducted high altitude (>610 m) reconnaissance in order to identify and locate any wildlife in the area.

A number of preventative measures were employed to avoid wildlife interaction in camp. Storm Camp was equipped with an electrified “bear fence” as a wildlife deterrent and each tent was equipped with an air horn and bear spray. The site supervisors and camp foreman had access to firearms in case of emergency. All food wastes were stored in appropriate bear proof containers and incinerated daily to remove attractants. Personnel were instructed to avoid bringing food into sleeper tents and to remove waste regularly. The bear fence wire was taken down at the end of the 2023 season to avoid wildlife entanglements.

In 2023, one individual muskox was observed at a distance from the Storm Camp, one seal was observed during prospecting at the Seal showing, one polar bear was observed from a drill rig and two polar bears passed by the Storm Camp (Table 9). No sensitive wildlife sites are known to exist within the area of the 2023 exploration.

Table 9. Wildlife Observations 2023.

Animal Species	Number	Age	Sex	Animal Activity	Habitat Type	Date	Location Description	Approx. Latitude	Approx. Longitude
Seal	1	?	?	Swimming	Ocean	25 Jul, 2023	Northern Aston Bay	73°44'14"	94°57'32"
Muskox	1	?	?	Walking, Grazing	Tundra, rolling hills	3 Aug, 2023	Approx. 1 km east of Storm Camp	73°39'25"	94°25'29"
Polar Bear	1	Adult	?	Walking	Tundra	8 Aug, 2023	Inland Somerset Island, 13 km east of Storm Camp	73°38'23"	94°03'07"
Polar Bear	2	1 Adult 1 Juvenile	Female, ?	Walking	Tundra	18 Aug, 2023	Storm Camp	73°39'23"	94°27'07"

7 Reclamation Work

Progressive reclamation included keeping work areas clean and removing wastes from work sites daily. All wastes were stored in appropriate containers for later incineration or removal. The camp was inspected by the site supervisors for cleanliness and any sign of contamination prior to the close of the field program. All sites were deemed acceptable.

8 Waste Disposal

All combustible wastes were incinerated on site using a batch feed dual-chamber controlled air incinerator or removed from site for disposal if incineration was not practicable. Any residual waste (ash) was sealed in 5-gallon metal pails.

Grey water from the kitchen and each dry was piped to excavated sumps behind the buildings and over 100 m from the nearest water body. A grease trap was used for the kitchen sump. The trap was emptied as needed and the contents were sealed in 5-gallon pails for proper disposal. The grease trap was removed from site at the end of the 2023 program. No leaks or overflows were observed in any of the sumps.

Pacto toilets were used to collect sewage. All pacto bags were removed from the camp in sealed 5-gallon plastic pails for disposal.

9 Inspections

An inspection was performed by CIRNAC officers Isaiah Bolt and Joseph Monteith on July 11, 2023. No instances of non-compliance were recorded; however, several actions are required for future programs.

During the 2023 inspection it was observed that some fuel and hazardous waste berms were slightly deteriorating with small holes or collapsed walls from wear-and-tear. The berms will be evaluated and replaced, as needed to ensure continued proper containment of the hazardous materials. At the request of the inspector, extra care will be taken to ensure that ash from the incinerator, used for appropriate waste, will be placed into ash barrels and transported off-site to an appropriate disposal area. The report from the inspection is attached at the end of this report.

10 2024 Work Plan

The 2024 Aston Bay Property exploration program is anticipated to include a reverse circulation (RC) drilling program of up to 17,500 metres utilizing two drills, a diamond drilling program of 2,500 metres, utilizing one drill, and ground geophysical surveys comprising electromagnetic (EM) surveys. The program will focus on the Storm central graben area. The average hole depth is expected to be approximately 150 m, up to a maximum anticipated length of 700 m. The 2024 exploration program is projected to start as early as April and continue until as late as September. Similar programs are anticipated for three to four subsequent years.

All exploration activities will be helicopter supported and based out of Storm Camp, located along the Aston River at approximately 73°39'23" N latitude and 94°27'07" W longitude. The camp site is located on an elevated gravel bar in the Aston River valley. It includes an airstrip suitable for landing a Twin Otter. Camp infrastructure includes 7 plywood buildings and 19 Weatherport tents, built upon wooden platforms.

Approximately 40,000 L (~200 drums) of fuel will be stored at the current fuel cache locations, adjacent to camp and the airstrip. The caches will be primarily diesel and jet fuel, with small quantities of gasoline and propane. All fuel will be stored within secondary containment. All fuel caches will be located a minimum distance of 31 metres from the normal high-water mark of any water body.

With proper design and execution, environmental impacts of the proposed exploration program are expected to be minimal. Plans are continuously being updated for storage and handling of fuel, waste management, reclamation, and wildlife management, all with the goal of ensuring minimal impact on the environment.

Appendix 1 2023 Aston Bay Property Mineral Claims and Prospecting Permits

Mineral Claims		
Tenure Number	Area (ha)	Owner Name
100054	945.1	Aston Bay Holdings Inc. (100%)
100055	582.3	Aston Bay Holdings Inc. (100%)
100056	346.2	Aston Bay Holdings Inc. (100%)
100057	1090.5	Aston Bay Holdings Inc. (100%)
100058	1091.9	Aston Bay Holdings Inc. (100%)
100059	1093.3	Aston Bay Holdings Inc. (100%)
100060	218.8	Aston Bay Holdings Inc. (100%)
100061	529.7	Aston Bay Holdings Inc. (100%)
100062	1133.7	Aston Bay Holdings Inc. (100%)
100063	1090.5	Aston Bay Holdings Inc. (100%)
100064	1091.9	Aston Bay Holdings Inc. (100%)
100065	1093.3	Aston Bay Holdings Inc. (100%)
100066	747.9	Aston Bay Holdings Inc. (100%)
100067	785.4	Aston Bay Holdings Inc. (100%)
100068	1097.1	Aston Bay Holdings Inc. (100%)
100069	999.7	Aston Bay Holdings Inc. (100%)
100070	1000.9	Aston Bay Holdings Inc. (100%)
100071	1002.2	Aston Bay Holdings Inc. (100%)
100072	1003.4	Aston Bay Holdings Inc. (100%)
100073	803.6	Aston Bay Holdings Inc. (100%)
100074	1005.6	Aston Bay Holdings Inc. (100%)
100075	1090.5	Aston Bay Holdings Inc. (100%)
100076	1091.9	Aston Bay Holdings Inc. (100%)
100077	1093.3	Aston Bay Holdings Inc. (100%)
100078	1094.6	Aston Bay Holdings Inc. (100%)
100079	876.7	Aston Bay Holdings Inc. (100%)
100080	1097.1	Aston Bay Holdings Inc. (100%)
100081	1090.5	Aston Bay Holdings Inc. (100%)
100082	1091.9	Aston Bay Holdings Inc. (100%)
100083	1093.3	Aston Bay Holdings Inc. (100%)
100084	1094.6	Aston Bay Holdings Inc. (100%)
100085	876.7	Aston Bay Holdings Inc. (100%)
100086	1097.1	Aston Bay Holdings Inc. (100%)
100087	1002.2	Aston Bay Holdings Inc. (100%)
100088	1003.4	Aston Bay Holdings Inc. (100%)

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Mineral Claims		
Tenure Number	Area (ha)	Owner Name
100089	803.6	Aston Bay Holdings Inc. (100%)
100090	1005.6	Aston Bay Holdings Inc. (100%)
100091	1093.3	Aston Bay Holdings Inc. (100%)
100092	1094.6	Aston Bay Holdings Inc. (100%)
100093	876.7	Aston Bay Holdings Inc. (100%)
100094	1097.1	Aston Bay Holdings Inc. (100%)
100095	1094.6	Aston Bay Holdings Inc. (100%)
100096	1004.6	Aston Bay Holdings Inc. (100%)
100097	804.6	Aston Bay Holdings Inc. (100%)
100098	1096.0	Aston Bay Holdings Inc. (100%)
100099	1097.3	Aston Bay Holdings Inc. (100%)
100100	1091.9	Aston Bay Holdings Inc. (100%)
100588	1412.8	Aston Bay Holdings Inc. (100%)
100589	1325.4	Aston Bay Holdings Inc. (100%)
100595	1428.1	Aston Bay Holdings Inc. (100%)
100604	1428.1	Aston Bay Holdings Inc. (100%)
100624	1103.1	Aston Bay Holdings Inc. (100%)
100674	1416.6	Aston Bay Holdings Inc. (100%)
100708	1193.5	Aston Bay Holdings Inc. (100%)
100709	1101.7	Aston Bay Holdings Inc. (100%)
100723	1430.2	Aston Bay Holdings Inc. (100%)
100724	1320.2	Aston Bay Holdings Inc. (100%)
100828	1180.0	Aston Bay Holdings Inc. (100%)
100829	1179.9	Aston Bay Holdings Inc. (100%)
100830	1179.9	Aston Bay Holdings Inc. (100%)
100831	1414.0	Aston Bay Holdings Inc. (100%)
100956	1305.2	Aston Bay Holdings Inc. (100%)
100957	1176.7	Aston Bay Holdings Inc. (100%)
100958	1305.6	Aston Bay Holdings Inc. (100%)
101027	904.2	Aston Bay Holdings Inc. (100%)
101028	433.3	Aston Bay Holdings Inc. (100%)
101029	1514.8	Aston Bay Holdings Inc. (100%)
101030	650.2	Aston Bay Holdings Inc. (100%)
101031	721.4	Aston Bay Holdings Inc. (100%)
101032	1314.7	Aston Bay Holdings Inc. (100%)
101033	1169.1	Aston Bay Holdings Inc. (100%)
101034	1400.9	Aston Bay Holdings Inc. (100%)
101035	341.5	Aston Bay Holdings Inc. (100%)

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Mineral Claims		
Tenure Number	Area (ha)	Owner Name
101036	1176.7	Aston Bay Holdings Inc. (100%)
101037	1175.2	Aston Bay Holdings Inc. (100%)
101038	1408.3	Aston Bay Holdings Inc. (100%)
101039	1175.2	Aston Bay Holdings Inc. (100%)
101040	1300.0	Aston Bay Holdings Inc. (100%)
101041	1428.1	Aston Bay Holdings Inc. (100%)
101042	1191.7	Aston Bay Holdings Inc. (100%)
101043	1432.0	Aston Bay Holdings Inc. (100%)
101044	1195.0	Aston Bay Holdings Inc. (100%)
101045	1435.9	Aston Bay Holdings Inc. (100%)
101046	1318.3	Aston Bay Holdings Inc. (100%)
101047	1100.1	Aston Bay Holdings Inc. (100%)
101048	1321.8	Aston Bay Holdings Inc. (100%)
101049	1103.1	Aston Bay Holdings Inc. (100%)
101050	1325.4	Aston Bay Holdings Inc. (100%)
101051	1195.0	Aston Bay Holdings Inc. (100%)
101052	1435.9	Aston Bay Holdings Inc. (100%)
101053	1198.2	Aston Bay Holdings Inc. (100%)
101054	1198.2	Aston Bay Holdings Inc. (100%)
101055	1214.2	Aston Bay Holdings Inc. (100%)
101056	1211.0	Aston Bay Holdings Inc. (100%)
101057	1098.7	Aston Bay Holdings Inc. (100%)
101058	1188.8	Aston Bay Holdings Inc. (100%)
101059	1190.2	Aston Bay Holdings Inc. (100%)
101060	1428.1	Aston Bay Holdings Inc. (100%)
101061	1430.2	Aston Bay Holdings Inc. (100%)
101062	1193.5	Aston Bay Holdings Inc. (100%)
101063	1195.0	Aston Bay Holdings Inc. (100%)
101064	1435.9	Aston Bay Holdings Inc. (100%)
101065	1430.2	Aston Bay Holdings Inc. (100%)
101066	1193.5	Aston Bay Holdings Inc. (100%)
101067	1194.9	Aston Bay Holdings Inc. (100%)
101068	1435.9	Aston Bay Holdings Inc. (100%)
101069	1198.2	Aston Bay Holdings Inc. (100%)
101070	1428.1	Aston Bay Holdings Inc. (100%)
101071	1191.7	Aston Bay Holdings Inc. (100%)
101072	1432.0	Aston Bay Holdings Inc. (100%)
101073	1428.1	Aston Bay Holdings Inc. (100%)

Mineral Claims		
Tenure Number	Area (ha)	Owner Name
101100	1191.7	Aston Bay Holdings Inc. (100%)
101101	1432.0	Aston Bay Holdings Inc. (100%)
101102	1195.0	Aston Bay Holdings Inc. (100%)
101103	1435.9	Aston Bay Holdings Inc. (100%)
101104	1198.2	Aston Bay Holdings Inc. (100%)
101105	1198.2	Aston Bay Holdings Inc. (100%)
102593	1716.9	Apex Geoscience Ltd. (100%)
102594	1714.0	Apex Geoscience Ltd. (100%)
102595	1711.1	Apex Geoscience Ltd. (100%)
102596	1699.7	Apex Geoscience Ltd. (100%)
102597	1212.3	Apex Geoscience Ltd. (100%)
102598	1228.5	Apex Geoscience Ltd. (100%)
102599	1694.7	Apex Geoscience Ltd. (100%)
102600	967.1	Apex Geoscience Ltd. (100%)
102601	1451.6	Apex Geoscience Ltd. (100%)
102602	966.2	Apex Geoscience Ltd. (100%)
102603	1447.5	Apex Geoscience Ltd. (100%)
102604	1686.1	Apex Geoscience Ltd. (100%)
102605	1683.2	Apex Geoscience Ltd. (100%)
102606	1680.3	Apex Geoscience Ltd. (100%)
102607	1702.5	Apex Geoscience Ltd. (100%)
102608	1705.4	Apex Geoscience Ltd. (100%)
102609	1708.3	Apex Geoscience Ltd. (100%)
102619	1224.7	Apex Geoscience Ltd. (100%)
102620	1502.6	Apex Geoscience Ltd. (100%)
102621	1666.6	Apex Geoscience Ltd. (100%)
102622	1664.1	Apex Geoscience Ltd. (100%)
102623	1661.7	Apex Geoscience Ltd. (100%)
102624	1119.0	Apex Geoscience Ltd. (100%)
102625	1568.9	Apex Geoscience Ltd. (100%)
102626	1571.6	Apex Geoscience Ltd. (100%)
102627	1574.2	Apex Geoscience Ltd. (100%)
102628	1576.9	Apex Geoscience Ltd. (100%)
102629	1579.5	Apex Geoscience Ltd. (100%)
102630	677.7	Apex Geoscience Ltd. (100%)
102631	1244.6	Apex Geoscience Ltd. (100%)
102632	907.7	Apex Geoscience Ltd. (100%)
102633	796.6	Apex Geoscience Ltd. (100%)

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Mineral Claims		
Tenure Number	Area (ha)	Owner Name
102890	1364.3	Aston Bay Holdings Inc. (100%)
102891	1809.6	Aston Bay Holdings Inc. (100%)
102892	1812.7	Aston Bay Holdings Inc. (100%)
102893	1815.8	Aston Bay Holdings Inc. (100%)
102894	1633.2	Aston Bay Holdings Inc. (100%)
102895	966.2	Aston Bay Holdings Inc. (100%)
102896	1581.1	Aston Bay Holdings Inc. (100%)
102897	1788.1	Aston Bay Holdings Inc. (100%)
102898	1492.0	Aston Bay Holdings Inc. (100%)
102899	1830.4	Aston Bay Holdings Inc. (100%)
102900	1833.5	Aston Bay Holdings Inc. (100%)
102901	1836.6	Aston Bay Holdings Inc. (100%)
102902	1839.7	Aston Bay Holdings Inc. (100%)
102903	1842.8	Aston Bay Holdings Inc. (100%)
102904	1845.9	Aston Bay Holdings Inc. (100%)
102905	1848.9	Aston Bay Holdings Inc. (100%)
102906	1624.7	Aston Bay Holdings Inc. (100%)
102907	1772.4	Aston Bay Holdings Inc. (100%)
102908	1812.7	Aston Bay Holdings Inc. (100%)
102909	1167.3	Aston Bay Holdings Inc. (100%)
102910	1671.0	Aston Bay Holdings Inc. (100%)
102911	1832.0	Aston Bay Holdings Inc. (100%)
102912	1838.1	Aston Bay Holdings Inc. (100%)
102913	1844.3	Aston Bay Holdings Inc. (100%)
Claims Total:	219,256.7 ha	

Appendix 2 2023 Aston Bay Property Photos

Photo 1. Storm Camp August 2023 (looking east).



Photo 2. Storm Camp August 2023 (looking west).



Photo 3. Storm Camp diesel/gas fuel cache (looking west).



Photo 4. Storm Camp drilling supplies (looking east).



Appendix 3 2023 Storm Camp Water Usage

Date	Tank 1 (250 gal)	Tank 2 (350 gal)	Fly Tank (250 gal)	Tank 1 (250 gal)	Tank 2 (350 gal)	Fly Tank (250 gal)	Total Use (m ³)
	Volume (gal)	Volume (gal)	Volume (gal)	Volume (m ³)	Volume (m ³)	Volume (m ³)	
11-Apr-23	-	-	500	-	-	1.89	1.89
12-Apr-23	-	-	-	-	-	-	-
13-Apr-23	-	-	-	-	-	-	-
14-Apr-23	-	-	-	-	-	-	-
15-Apr-23	-	-	750	-	-	2.84	2.84
16-Apr-23	-	-	-	-	-	-	-
17-Apr-23	-	-	750	-	-	2.84	2.84
18-Apr-23	-	-	-	-	-	-	-
19-Apr-23	-	-	750	-	-	2.84	2.84
20-Apr-23	-	-	750	-	-	2.84	2.84
21-Apr-23	-	-	-	-	-	-	-
22-Apr-23	-	-	500	-	-	1.89	1.89
23-Apr-23	-	-	750	-	-	2.84	2.84
24-Apr-23	-	-	500	-	-	1.89	1.89
25-Apr-23	-	-	500	-	-	1.89	1.89
26-Apr-23	-	-	-	-	-	-	-
27-Apr-23	-	-	-	-	-	-	-
28-Apr-23	-	-	500	-	-	1.89	1.89
29-Apr-23	-	-	750	-	-	2.84	2.84
30-Apr-23	-	-	750	-	-	2.84	2.84
1-May-23	-	-	-	-	-	-	-
2-May-23	-	-	500	-	-	1.89	1.89
3-May-23	-	-	750	-	-	2.84	2.84
4-May-23	-	-	-	-	-	-	-
5-May-23	-	-	500	-	-	1.89	1.89
6-May-23	-	-	-	-	-	-	-
7-May-23	-	-	750	-	-	2.84	2.84
8-May-23	-	-	500	-	-	1.89	1.89
9-May-23	-	-	500	-	-	1.89	1.89
10-May-23	-	-	500	-	-	1.89	1.89
11-May-23	-	-	500	-	-	1.89	1.89
12-May-23	-	-	-	-	-	-	-
13-May-23	-	-	250	-	-	0.95	0.95
14-May-23	-	-	500	-	-	1.89	1.89
15-May-23	-	-	750	-	-	2.84	2.84
16-May-23	-	-	-	-	-	-	-

Date	Tank 1 (250 gal)	Tank 2 (350 gal)	Fly Tank (250 gal)	Tank 1 (250 gal)	Tank 2 (350 gal)	Fly Tank (250 gal)	Total Use (m ³)
	Volume (gal)	Volume (gal)	Volume (gal)	Volume (m ³)	Volume (m ³)	Volume (m ³)	
17-May-23	-	-	-	-	-	-	-
18-May-23	-	-	750	-	-	2.84	2.84
19-May-23	-	-	-	-	-	-	-
20-May-23	-	-	750	-	-	2.84	2.84
21-May-23	-	-	-	-	-	-	-
22-May-23	-	-	500	-	-	1.89	1.89
23-May-23	-	-	750	-	-	2.84	2.84
24-May-23	-	-	500	-	-	1.89	1.89
25-May-23	-	-	-	-	-	-	-
26-May-23	-	-	-	-	-	-	-
27-May-23	-	-	-	-	-	-	-
28-May-23	-	-	500	-	-	1.89	1.89
1-Jul-23	250	350	640	0.95	1.32	2.42	4.69
2-Jul-23	-	-	-	-	-	-	-
3-Jul-23	-	-	-	-	-	-	-
4-Jul-23	250	225	-	0.95	0.85	-	1.80
5-Jul-23	-	-	-	-	-	-	-
6-Jul-23	50	150	-	0.19	0.57	-	0.76
7-Jul-23	200	125	-	0.76	0.47	-	1.23
8-Jul-23	400	275	-	1.51	1.04	-	2.56
9-Jul-23	350	125	-	1.32	0.47	-	1.80
10-Jul-23	425	200	-	1.61	0.76	-	2.37
11-Jul-23	450	250	-	1.70	0.95	-	2.65
12-Jul-23	425	225	-	1.61	0.85	-	2.46
13-Jul-23	225	250	-	0.85	0.95	-	1.80
14-Jul-23	375	200	-	1.42	0.76	-	2.18
15-Jul-23	250	150	-	0.95	0.57	-	1.51
16-Jul-23	275	225	-	1.04	0.85	-	1.89
17-Jul-23	325	150	-	1.23	0.57	-	1.80
18-Jul-23	225	300	-	0.85	1.14	-	1.99
19-Jul-23	350	400	-	1.32	1.51	-	2.84
20-Jul-23	450	300	-	1.70	1.14	-	2.84
21-Jul-23	225	300	-	0.85	1.14	-	1.99
22-Jul-23	250	225	-	0.95	0.85	-	1.80
23-Jul-23	375	150	-	1.42	0.57	-	1.99
24-Jul-23	250	200	-	0.95	0.76	-	1.70
25-Jul-23	325	200	-	1.23	0.76	-	1.99

Date	Tank 1 (250 gal)	Tank 2 (350 gal)	Fly Tank (250 gal)	Tank 1 (250 gal)	Tank 2 (350 gal)	Fly Tank (250 gal)	Total Use (m ³)
	Volume (gal)	Volume (gal)	Volume (gal)	Volume (m ³)	Volume (m ³)	Volume (m ³)	
26-Jul-23	250	175	-	0.95	0.66	-	1.61
27-Jul-23	250	150	-	0.95	0.57	-	1.51
28-Jul-23	275	225	-	1.04	0.85	-	1.89
29-Jul-23	400	200	-	1.51	0.76	-	2.27
30-Jul-23	200	250	-	0.76	0.95	-	1.70
31-Jul-23	200	325	-	0.76	1.23	-	1.99
1-Aug-23	350	100	-	1.32	0.38	-	1.70
2-Aug-23	200	150	-	0.76	0.57	-	1.32
3-Aug-23	100	100	-	0.38	0.38	-	0.76
4-Aug-23	100	150	-	0.38	0.57	-	0.95
5-Aug-23	250	200	-	0.95	0.76	-	1.70
6-Aug-23	150	200	-	0.57	0.76	-	1.32
7-Aug-23	150	200	-	0.57	0.76	-	1.32
8-Aug-23	150	200	-	0.57	0.76	-	1.32
9-Aug-23	250	250	-	0.95	0.95	-	1.89
10-Aug-23	150	250	-	0.57	0.95	-	1.51
11-Aug-23	250	250	-	0.95	0.95	-	1.89
12-Aug-23	250	250	-	0.95	0.95	-	1.89
13-Aug-23	300	300	-	1.14	1.14	-	2.27
14-Aug-23	275	150	-	1.04	0.57	-	1.61
15-Aug-23	150	200	-	0.57	0.76	-	1.32
16-Aug-23	200	250	-	0.76	0.95	-	1.70
17-Aug-23	50	150	-	0.19	0.57	-	0.76
18-Aug-23	100	200	-	0.38	0.76	-	1.14
19-Aug-23	200	-	-	0.76	-	-	0.76
20-Aug-23	200	250	-	0.76	0.95	-	1.70
21-Aug-23	50	50	-	0.19	0.19	-	0.38
22-Aug-23	50	50	-	0.19	0.19	-	0.38
23-Aug-23	50	50	-	0.19	0.19	-	0.38
24-Aug-23	50	50	-	0.19	0.19	-	0.38
TOTAL	12,300	10,300	18,140	46.56	38.99	68.67	154.22
Daily Average	119	100	176	0.45	0.38	0.67	1.50
Total Used	40,740 gal / 154.22 m³						



Water Licence Inspection Report

Original
 Follow-Up Report

Authorization	Representative
2BE-STO2025	Thomas Ullrich
Authorization No. / Expiry	Representative's Title
AUGUST 16, 2025	Aston Bay Holdings Inc coordinator
Other Authorization/s	
Activities Inspected	
<input type="checkbox"/> Camp, Commercial <input type="checkbox"/> Drilling <input type="checkbox"/> Mining <input type="checkbox"/> Construction <input type="checkbox"/> Reclamation <input type="checkbox"/> Fuel Storage <input type="checkbox"/> Roads/Hauling <input type="checkbox"/> Winter Hauling <input type="checkbox"/> Camp, Private <input checked="" type="checkbox"/> Other Exploration camp, Water intake and storage, waste water facilities, drill sites	

Conditions: **A- Acceptable** **U-Unacceptable** **C-Concern** **NI-Not Inspected** **NA- Not applicable**

PART:	Condition	Observation No.*
A: SCOPE, DEFINITIONS AND ENFORCEMENT	A	
B: GENERAL CONDITIONS	A	
C: CONDITIONS APPLYING TO SECURITY	NA	
D: CONDITIONS APPLYING TO WATER USE	A	2-7, 29
E: CONDITIONS APPLYING TO WASTE DISPOSAL AND MANAGEMENT	C	8-13,17-23,28
F: CONDITIONS APPLYING TO MODIFICATIONS	NI	
G: CONDITIONS APPLYING TO CONSTRUCTION	NI	
H: CONDITIONS APPLYING TO EMERGENCY RESPONSE AND CONTINGENCY PLANNING	C	14,15,16,24
I: CONDITIONS APPLYING TO ABANDONMENT, RECLAMATION AND CLOSURE PLANNING	NI	
J: CONDITIONS APPLYING TO MONITORING	NI	
SCHEDULES	NI	

**The licence and the observation number corresponds with specific comments provided below.*

Samples taken by Inspector:	Location(s): Latitude:
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

**refers to specific terms and conditions found in the permit/lease in question.*

<p>Section 1 Comments</p> <p>Inspector Statement On July 11, 2023 I, Isaiah James Bolt, Inspector with the Crown Indigenous Relations and Northern Affairs Canada, (CIRNAC), writer of this report, conducted an onsite inspection of 2BE-STO2025's storm project, along with fellow Inspector Joseph Monteith of CIRNAC.</p> <p>Inspection</p> <ol style="list-style-type: none"> Inspectors Isaiah Bolt and Joseph Monteith arrived on stie at 2:25pm, July 11, 2023. Inspectors were greeted by Volodymyr Zhuk and escorted around Storm projects main camp. Volodymyr confirmed that there were 30 people on site at the time of inspection. At 3:30pm, Inspectors were given a ride in the helicopter to the drill sites 2200N, 2750N and 4100N for inspection. <p>Water Supply Facilities</p> <ol style="list-style-type: none"> Water is drawn from Aston river by water pump and travels through 250-300m of hose to storage tanks. The start of the hose has a mesh screen to ensure no fish enter the system (Photo 1). The pump used to draw water is moved away from the river when not in use.
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3. Raw water is stored outside in two 225 gallon storage tanks outside of the main facilities (Photo 2).
4. Along with the tanks outside, there are 2 different water storage tanks inside of 2 different cabins. "Tank 2" is 350 gallons and is located in the cabin that also has the UV filter system and the Micron filter system (Photo 3). Inspector Bolt has also taken a photo of the water use logs located inside the filtration cabin (Photo 4).
5. "Tank 1" is in the cabin next to the filtration cabin and is a smaller 250 gallon tank (Photo 5).
6. Inspectors observed 2 hot water heaters on site (Photo #3, #5).
7. 3 washing machines, 3 sinks and 6 showers were observed on site (Photo 7 and Photo 8).

Waste Water

8. Grey water from the use of washing machines, sinks and showers is directed to pits located on the North side of the tents and cabins. The grey water pipes converge to a small pit which is filled with rocks to mitigate erosion. Grey water seeps into the ground and exfiltrates (photo 9).
9. The kitchen has a grease trap/sump located inside the building (photo 11). This sump is to catch sludge and grease that settles to the bottom and allows water to flow out.
10. On the south side of camp behind the sleeping quarters is a stand up latrine (Photo 12). There is a rock pile in the latrine to mitigate erosion. This pee then flows into the ground to exfiltrate (photo 13).
11. A Pecto toilet was observed on site (photo #14). Plastic bags line the toilets, which is then packed down by the operator and the bag is removed and stored in buckets for removal off site.

Hazardous Waste Facilities/Fuel Caches

12. A temporary fuel storage berm is located near the airstrip with approximately 100 barrels of Aviation fuel. This berm is equipped with a GAC (granulated activated carbon) filter on the corner to filter the standing water inside the berm. No concerns (Photo 16).
13. Also beside the airstrip, near the fuel berm are 2 secondary containment ponds filled with bags of calcium chloride. Some of the bags of chloride are in netting placed on the ground ready for helicopter transport to the drill site (photo 15 and 17). The calcium chloride is covered with blue tarps.
14. Another temporary fuel berm is located beside the helicopter landing area. This berm has approximately 50 barrels. This temporary fuel berm is compromised. The aluminum L shaped frame of the berm has been rubbing against fuel barrels and rubbed a hole through the bottom (photo 22).
15. Two fuel storage berms are located inside the bear fence close to the cabins. Both berms need to be replaced as they are both compromised. (photo 23 and 24) Photo 25 shows the hole in one of the containment berms.
16. There was one spill kit present on site (Photo 26). More spills kits should be placed close to fuel storage berms.

Solid Waste Facilities

17. Aston Bay project is not authorized to practice on-site landfilling. All domestic waste is hauled off site.
18. An incinerator was observed on site at the time of inspection. The incinerator had plastic rope, and a can found inside at the time of inspection. The can had been burned previously. Part D, Item 5 of the issued water license reads –*"The Licensee shall not open burn plastics, wood treated with preservatives, electric wire, Styrofoam, asbestos or painted wood to prevent the deposition of waste materials of incomplete combustion and/or leachate from contaminated ash residual, from impacting any surrounding waters, unless otherwise approved by the Board in writing."*
19. Inspectors observed 3 piles of ash on the ground near the incinerator (Photo 27). The ash from incineration should be placed into ash bins and disposed of off site.

Hazardous Waste Berm

20. The hazardous waste berm has standing water inside of it. This water should be considered waste (Photo 20).
21. More storage space is required for the hazardous waste berm as there is no more space for more items. Buckets are beginning to pile up outside the berm (Photo 18).
22. The walls of the berm appear to be deteriorating.
23. Items inside the hazardous waste berm have been placed on the walls and cause the walls to fold over and reduce the ability to hold contaminated water and product. This berm should be replaced (Photo 19).
24. A second hazardous waste berm may be required.



Drill Sites

- 25. Inspectors visited 1 drill site with boots on the ground and 2 other sites were inspected by aerial view and photos.
- 26. Inspectors Bolt and Monteith got boots on the ground at one of the projects “dry drilling” sites. This drill does not use water. Inspectors did observe a small leak at the site, but a spill pad and spill tray were being used. No concerns (photo 30).
- 27. All fuel and hazardous waste seems to be in secondary containment at the time of inspection.
- 28. A water pump and a fuel berm with 2 barrels were observed to be within 4 metres of a river (photo 32).
Part H, Item 2 of the Issued water license states: “The Licensee shall prevent any chemicals, petroleum products or Wastes associated with the project from entering Water. All sumps and fuel caches shall be located at a distance of at least thirty one (31) metres from the ordinary High Water Mark of any adjacent Water body and inspected on a regular basis.”
- 29. Water usage logs from the drills were not inspected.

Section 2 Non-Compliance

- 1. Fuel Caches found with holes and compromised walls
- 2. Storage of fuel within 31m from a water body. (water draw location for the drill)
- 3. Hazardous waste berm is deteriorating, and the walls had been crushed.
- 4. Hazardous waste not placed inside the berm.
- 5. Incineration of nonauthorized materials and waste ash found on the ground.

Section 3 Action Required

- 1. All fuel caches should be inspected. Helicopter Pad fuel storage berm and the 2 fuel berms inside the bear fence should be changed.
- 2. Drilling site water pump and fuel drums in secondary containment should be moved at least 31m away from the high water mark. (Photo #32)
- 3. The hazardous waste berm needs to be replaced.
- 4. Only acceptable waste should be incinerated. Unacceptable waste should be removed from the incinerator and disposed of accordingly.
- 5. Any Ash from incineration found on the ground should be cleaned up and placed into ash barrels and sent off site.

Section 4 Other

Licensee or Representative	Inspector’s Name
	Isaiah James Bolt
Signature	Signature
Date	Date
	2023/10/10

Office Use Only: Follow-up report to be issued by Inspector Yes No



PHOTO LOG

Date:	Authorization Number:	Camera/Model:	Inspector
Tuesday, July 11, 2023	2BE-STO2025	Sony Cyber Shot DSC-HX50V	Isaiah James Bolt

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 1	Click or tap here to enter text.



Description:
 This end of the hose is used to collect water form the Aston River. The hose has a mesh screen to ensure no fish or sediment enter the system.

Photo No.

Photo 2

Lat/Long (DD.MM.SS.SS, NAD83)

Click or tap here to enter text.



Description:

In this image you can see 2 water storage tanks. Both are 225 Gallons. 1 is full and the other one has approximately 120 Gallons. Also, you can see a fuel drum used for the heaters stored in secondary containment.

Photo No.

Photo 3

Lat/Long (DD.MM.SS.SS, NAD83)

Click or tap here to enter text.



Description:

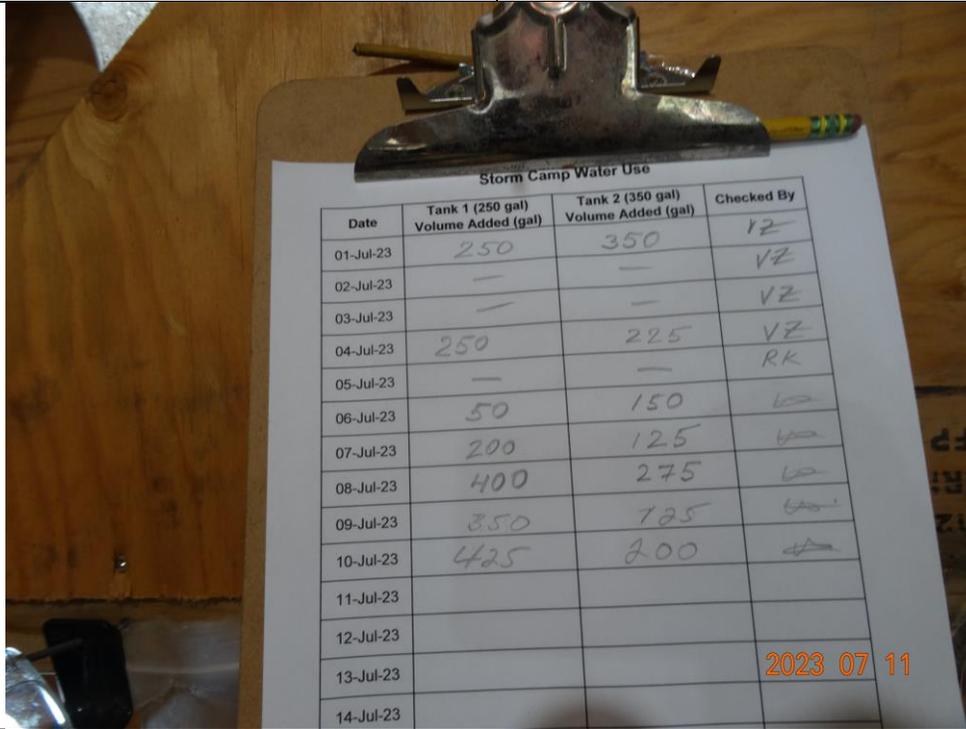
A micron filter and a UV system work to treat the raw water. Also in the photo, a hot water heater and a 350 Gallon water tank that is nearly full.

Photo No.

Lat/Long (DD.MM.SS.SS, NAD83)

Photo 4

Click or tap here to enter text.



Description:

Daily Water Use logs for Storm Camp. Measured in Gallons.

Photo No.

Lat/Long (DD.MM.SS.SS, NAD83)

Photo 5

Click or tap here to enter text.



Description:

In a separate cabin, there was another hot water heater and a smaller water storage tank which was ¾ full.



Photo No.

Lat/Long (DD.MM.SS.SS, NAD83)

Photo 6

Click or tap here to enter text.



Description:

This image shows an example of how the water and wires travel through camp. Hoses are inside the box connecting cabin to tent.

Photo No.

Lat/Long (DD.MM.SS.SS, NAD83)

Photo 7

Click or tap here to enter text.



Description:

Inside this tent is 2 showers, a washer and a sink.



Photo No.

Lat/Long (DD.MM.SS.SS, NAD83)

Photo 8

Click or tap here to enter text.



2023 07 11

Description:

Example of some of the piping that is being used to move water around camp, this image shows 2 showers and their hoses.

Photo No.

Lat/Long (DD.MM.SS.SS, NAD83)

Photo 9

Click or tap here to enter text.



2023 07 11

Description:

These pipes are used to dump grey water from the kitchen, showers, sinks and washing machines.



Photo No.

Photo 10

Lat/Long (DD.MM.SS.SS, NAD83)

Click or tap here to enter text.



Description:

An example of an active grey water pipe.

Photo No.

Photo 11

Lat/Long (DD.MM.SS.SS, NAD83)

Click or tap here to enter text.



Description:

The grease trap/sump is in the kitchen.



Photo No.

Photo 12

Lat/Long (DD.MM.SS.SS, NAD83)

Click or tap here to enter text.



Description:

Standing Unirnal Latrene.

Photo No.

Photo 13

Lat/Long (DD.MM.SS.SS, NAD83)

Click or tap here to enter text.



Description:

Inside the latrene where people pee. Large rocks supposed to act as sediment erosion control or splash break.



Photo No.
Photo 14

Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.



Description:

Pacto Toilets are used on site. The plastic bag lines the toilet and when done you tie the bag and dispose of it. Bags can then be burned in the incinerator or flown off site.

Photo No.
Photo 15

Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.



Description:

This pile of calcium chloride is resting on the ground awaiting transport to the drill site. There are more bags under the blue tarp.



Photo No.
Photo 16

Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.



2023 07 11

Description:
A fuel berm located close to the air strip.

Photo No.
Photo 17

Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.



2023 07 11

Description:
1 pile of Calcium Chloride stored in secondary containment on the right, the pile on the left isn't in secondary containment.



Photo No.

Photo 18

Lat/Long (DD.MM.SS.SS, NAD83)

Click or tap here to enter text.



Description:

Image shows hazardous waste storage near the camp, buckets of blue dye are stored on the ground.

Photo No.

Photo 19

Lat/Long (DD.MM.SS.SS, NAD83)

Click or tap here to enter text.



Description:

Another view of the hazardous waste storage. The left side of the bem wall is compromised, this is due to the fuel drum hand pump.



Photo No.
Photo 20

Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.



Description:
Water is pooling inside the hazardous waste berm.

Photo No.
Photo 21

Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.



Description:
Helicopter fuel storage berm



Photo No.
Photo 22

Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.



Description:

The helicopter fuel storage berm has a hole from the barrels and aluminum braces coming in contact. This is on the floor

Photo No.
Photo 23

Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.



Description:

Fuel berm 1 of 2 inside the bear fence. The walls have fallen and would not hold product and or contaminated water.



Photo No.
Photo 24

Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.



Description:

Berm 2 of 2 inside the bear fence. This berm's walls are falling over and Inspector Bolt found a hole in the bottom.

Photo No.
Photo 25

Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.



Description:

This photo is of the same fuel berm as the photo above. You can see the hole just below the bottom of the barrel.



Photo No.
Photo 26

Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.



2023 07 11

Description:

An example of good spill mitigation, spill trays and a spill kit are present.

Photo No.
Photo 27

Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.



2023 07 11

Description:

The incinerator area has many areas of ash deposited onto the ground. This ash should be contained in ash barrels.



Photo No.
Photo 28

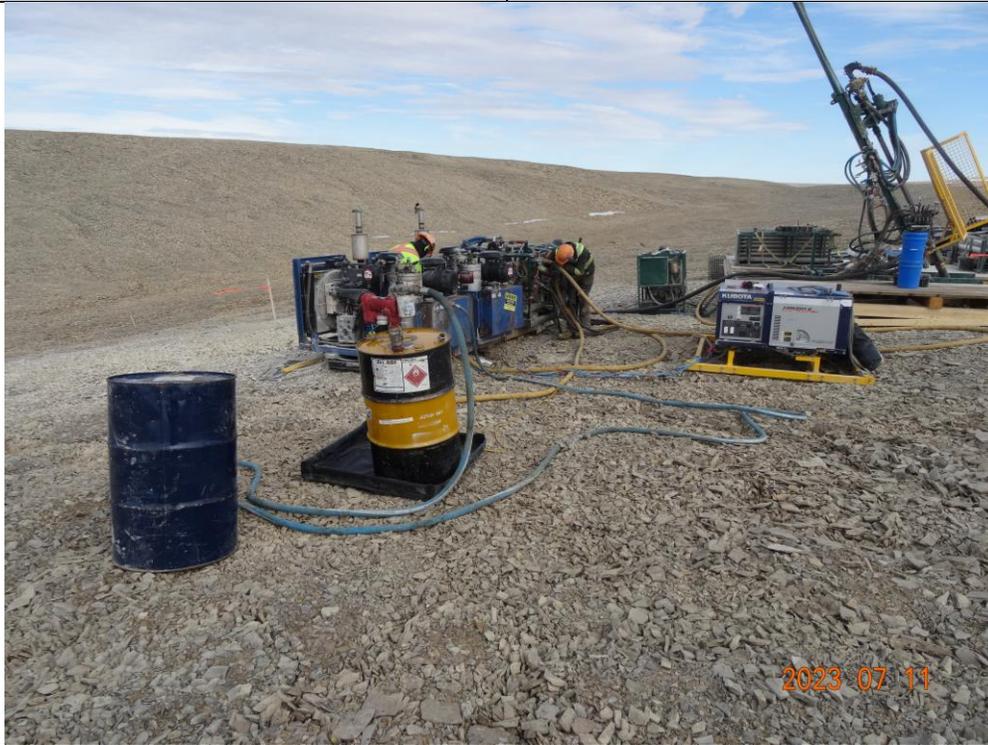
Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.



Description:
The incinerator had cardboard, some rope, and a burnt can.

Photo No.
Photo 29

Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.



Description:
Dry drilling site, no water is used, fuel is on site and stored in secondary containment.

Photo No.
Photo 30

Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.

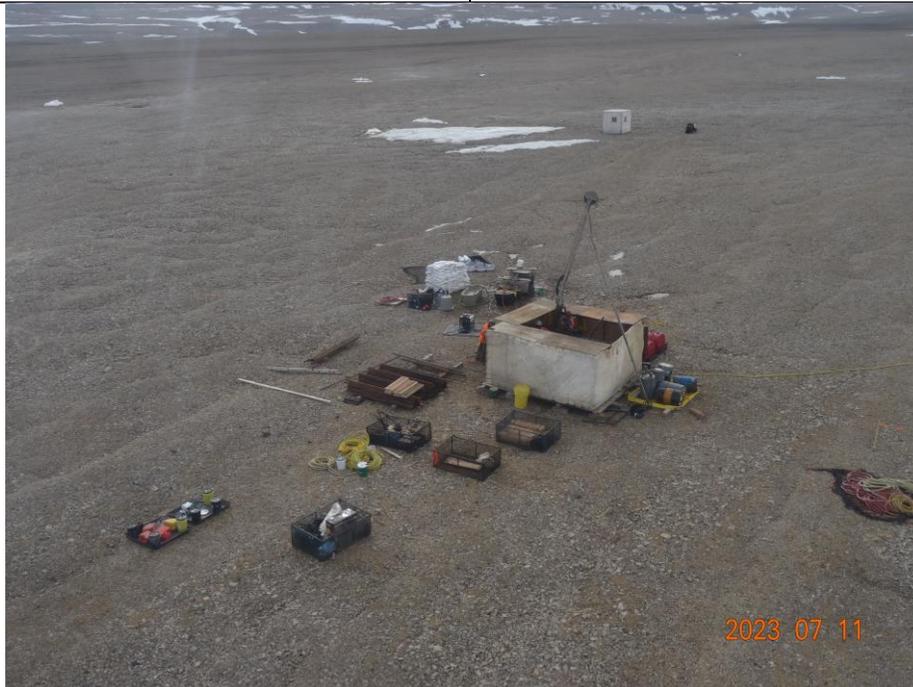


Description:

The compressors at the dry drilling site did have leaks. Spill pads and a spill trays have been placed on the ground.

Photo No.
Photo 31

Lat/Long (DD.MM.SS.SS, NAD83)
Click or tap here to enter text.



Description:

This is another drill site, but this drill uses water, we did not land at this site as we took arial photos and notes. Everything was in secondary containment.



Photo No. Photo 32	Lat/Long (DD.MM.SS.SS, NAD83) Click or tap here to enter text.
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Description:
2km away from the water drill. The pump used to draw water for drilling activities, and the small fuel berm with 2 barrels.

Photo No. Photo 33	Lat/Long (DD.MM.SS.SS, NAD83) Click or tap here to enter text.
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Description:
This image is of another drill site that was left since the previous year. Sample bags, the drill and platform and drill rods are in the photo.