

Nunavut Impact Review Board

2025 Site Visit Report

Doris North and Phase 2 Hope Bay
Projects

Project Certificates 003 and 009



Agnico Eagle Mines Limited
NIRB File Nos. 05MN047 and 12MN001

September 2025

Full Report Title: 2025 Site Visit Report Doris North and Phase 2 Hope Bay Belt Projects

Projects: Doris North Gold and Phase 2 Hope Bay Belt Projects (NIRB File Nos. 05MN047 and 12MN001)

Project Location: Kitikmeot Region, Nunavut

Land Tenure: Inuit-Owned Land

Project Owner: Agnico Eagle Mines Limited
145 King Street East Suite 400
Toronto, ON M5C 2Y7
Tel: (416) 628-0216

Proponent Contact: Cyril Jenkins, Superintendent, Environment

Visit conducted by: Keith Morrison, Manager, Project Monitoring
Varun Nayak, Monitoring Officer
Amir Hossien Pourmahabadian, Sr. Impact Assessment Officer

Site visit date: August 6, 2025

Last site visit: August 7, 2024

Report prepared by: Keith Morrison
Varun Nayak

Photos by: NIRB Staff

Cover photo: Naartok East Portal

NIRB Public Registry Document ID: 357403 or 357404

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Doris North Gold Mine Project

www.nirb.ca/project/123632



Phase 2 Hope Bay Belt Project

www.nirb.ca/project/124148



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1 INTRODUCTION

The Nunavut Impact Review Board (NIRB or Board), established under Articles 10 and 12 of the Nunavut Agreement and s. 135(4) of the *Nunavut Planning and Project Assessment Act (NuPPAA)*, oversees post-environmental assessment monitoring. The NIRB also provides periodic updates regarding its monitoring program to the most impacted community(ies) regarding the monitored project. This report summarizes observations from NIRB's August 6, 2025, site visit to the Doris North Gold Mine and Phase 2 Hope Bay Belt Projects, conducted under Project Certificate No. 003, Amendment 02 (Doris North) and Project Certificate No. 009 (Phase 2 Hope Bay Belt). The visit aimed to visually assess project activities for compliance with the Project Certificates' Terms and Conditions, as required by Section 12.7.2(b) of the Nunavut Agreement and s. 135(3)(b) of *NuPPAA*. Observations were based on Agnico Eagle's 2024 Annual Report received in May 2025 and will inform NIRB's 2025 Annual Monitoring Report. Additionally, the NIRB held a Community Information Meeting in Cambridge Bay on August 20, 2025.

2 PROJECT OVERVIEW

The Hope Bay Belt properties are located in the West Kitikmeot region of Nunavut, approximately 110 kilometres (km) south of Cambridge Bay and 65 km east of Omingmaktok (Bay Chimo). Doris North sits at the northern end of the Hope Bay Belt, while Phase 2 includes the Madrid North and South sites (8 km south of Doris) and the Boston site (80 km further south) (Figure 1). Both projects involve developing underground gold mines and small open pits on Inuit-owned lands, using both Inuit and Crown-owned minerals. Access is by sealift for fuel and supplies, and by air for personnel and select freight.

In February 2022, Agnico Eagle suspended production and placed the sites on care and maintenance. Care and maintenance remained in effect through 2024, including suspension of ore extraction and milling.

Detailed information regarding the Doris North Project and its 2016 Amendment (Amendment 002) is available on the NIRB Public Registry at www.nirb.ca/project/123632, while documentation related to the Phase 2 Hope Bay Belt Project can be accessed at www.nirb.ca/project/124148.

2.1 Doris North Gold Mine

The Doris North site includes a camp, airstrip, fuel storage, jetty, laydown areas, and a single ramp portal for underground access. Ore is processed on-site, and water from the Tailings Impoundment Area (TIA) is discharged via a seven (7) km pipeline, including a one (1) km section beneath Roberts Bay. The site currently remains in care and maintenance.

2024 activities focused on environmental management and infrastructure upgrades. Work continued on water discharge systems, composting facilities, fuel line installation, and quarry blasting. Road and pad construction supported future development. In 2025, planned work includes continued water discharge, infrastructure to support sealift operations, airstrip extension, quarry

development, landfill construction, and dismantling of the mill for future repurposing (Agnico Eagle Mines Ltd).

2.2 Phase 2 Hope Bay Belt

Phase 2 includes the Madrid North, Madrid South, and Boston sites. Madrid North is connected to Doris North by an all-weather road, with ore transported to Doris for processing. Madrid South and Boston are approved for future development, with Boston permitted to have its own camp, airstrip, and mining infrastructure. Operations at Madrid currently involve development of a new portal located in the Naartok East Crown Pillar Pit.

At Madrid, efforts centered on construction of the Madrid to TIA road, gravel track extensions, and stormwater management upgrades. Dewatering and waste rock transport supported preparations for future underground access. For 2025, planned activities include continued road and pad construction, saline water storage, and installation of ventilation infrastructure (Agnico Eagle Mines Ltd).

A road extends southward from Madrid to potential future development areas around the Patch Deposit. The road currently supports exploration drilling pads and investigation of a potential portal.

Table 1: Doris North Gold and Phase 2 Hope Bay Belt Project History

2006	Project Certificate No. 003 (Doris North) issued to Miramar Hope Bay Limited
2008	Doris North and Hope Bay Belt projects acquired by Newmont Mining Corporation
2012	The Doris North Project placed in care and maintenance
2013	TMAC Resources Inc. (TMAC) acquired Hope Bay Belt projects
2015	Doris North operations resumed, and mine construction started
2016	Project Certificate No. 003 amended to designate TMAC as the responsible party
2017	Start of commercial production at Doris North
2018	Trenching and reclamation of Doris Crown Pillar; Project Certificate No. 009 issued for Phase 2 Hope Bay Project including the Madrid North/South and Boston deposits
2019	Construction started at Madrid North (Portal and Naartok East Crown Pillar Pit)
2020	Discharge through the waterline to Roberts Bay commenced. Agnico Eagle Mines Limited purchased TMAC and assumed operations
2021	Naartok East Crown Pillar pit mined out, portal temporarily closed, operations at Madrid suspended and plans for the development of Madrid re-evaluated
2022	Agnico Eagle paused commercial production to focus on exploration and planning for future development and operations of the Projects
2023- 2025	Agnico Eagle continues to focus on exploration and future planning for the Projects

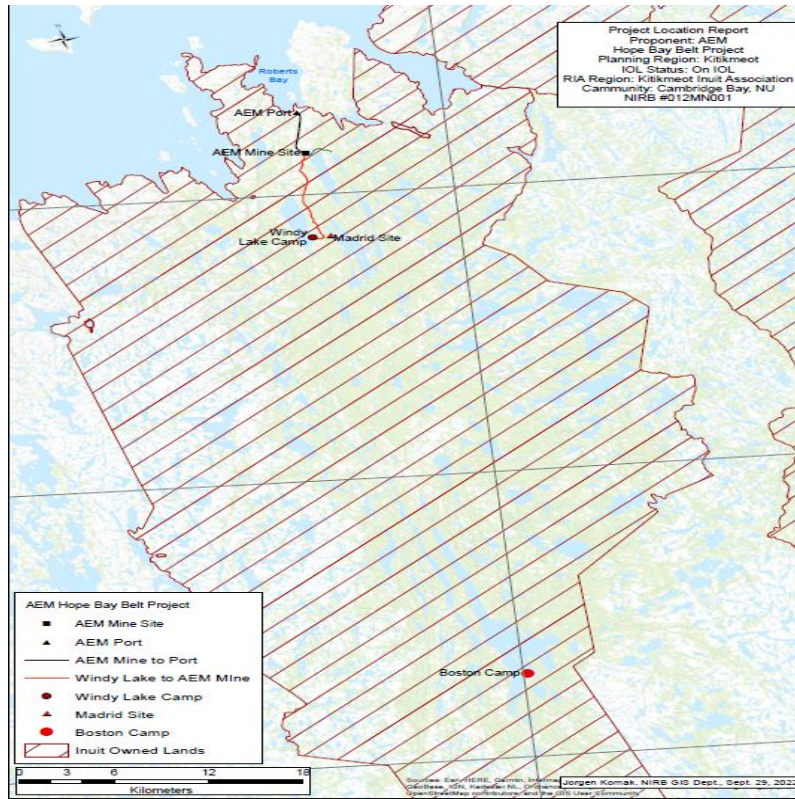


Figure 1: Hope Bay Projects Overview (Source: Agnico Eagle’s 2024 Annual Report)

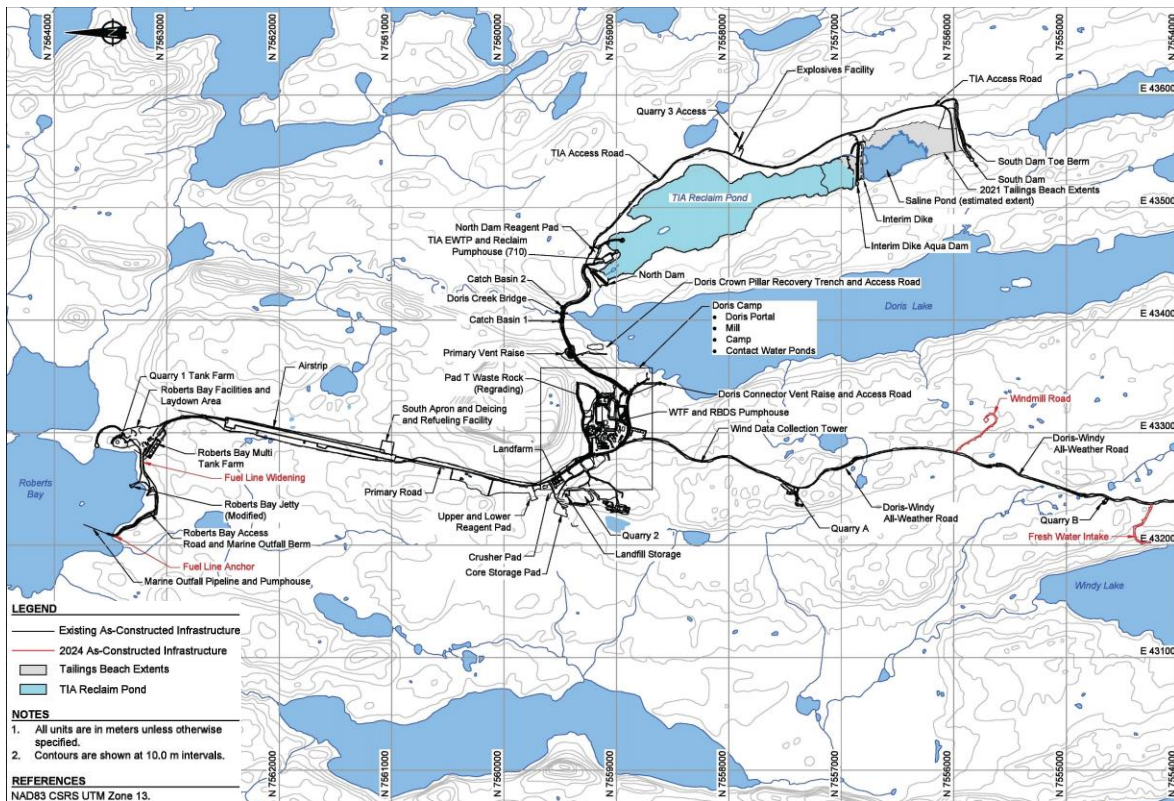


Figure 2: Doris Area 2024 Summary (Source: Agnico Eagle’s 2024 Annual Report)

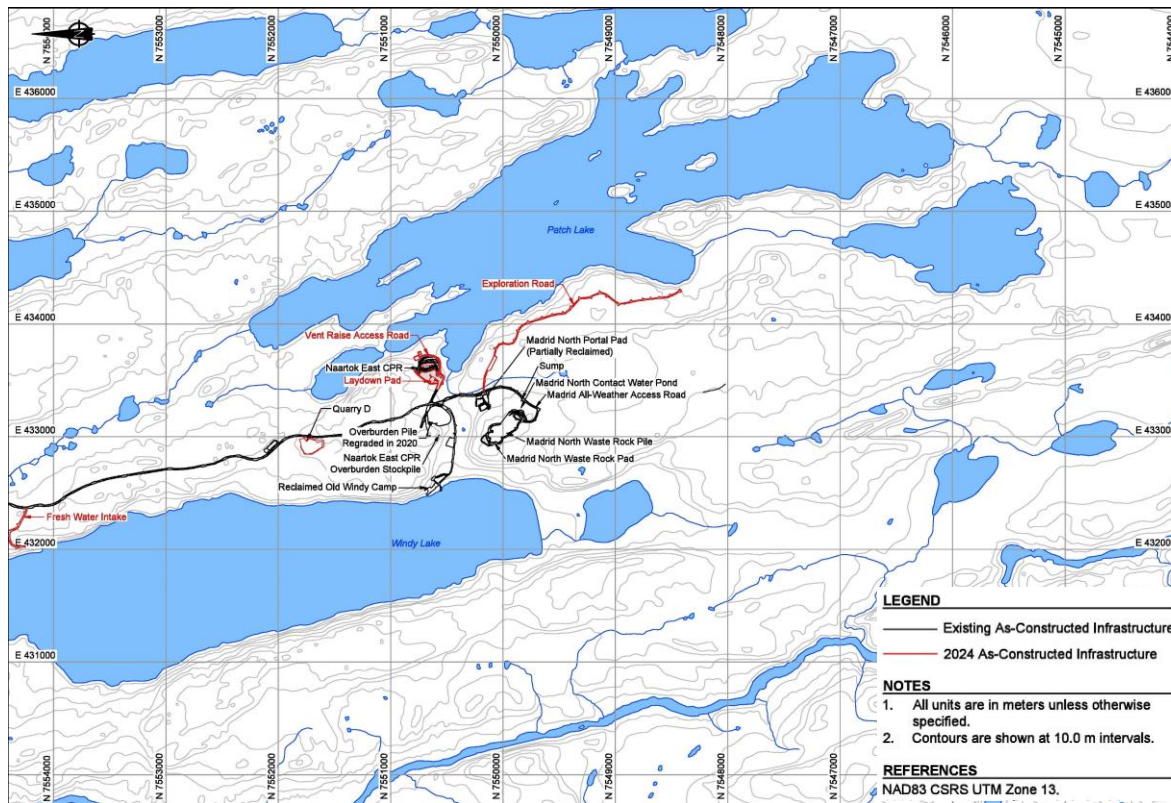


Figure 3: Madrid North Area 2024 Summary (Source: Agnico Eagle’s 2024 Annual Report)

3 OBSERVATIONS AT SITE

The 2025 site visit was focused on overall updates to the site and items related to Project Certificates No. 003 and 009. Photos were taken as opportunities arose, and during the site tour, NIRB and Agnico Eagle staff discussed the Doris North Gold and Phase 2 Hope Bay Belt Project Certificates.

Areas observed by the NIRB staff are listed below:

Roberts Bay Area

- Saline Discharge Pipe Jetty
- Main Jetty
- Roberts Bay Tank Farm
- Rigid Fuel Line and Anchor
- 5ML Tankfarm
- Laydown Areas

Doris North Camp and Mill Area

- Refueling Area
- Generators
- Doris Camp and other facilities associated with the Camp

Quarry Area, and Landfill

- Quarry 2
- Incinerator and Composter Facilities
- Core Storage Pad

Tailings Impoundment Area

- Road to South Dam
- South Dam
- North Dam and New Cooling System
- Tailings Outfall/Spigots

- Sedimentation and Polishing Pond
- Airstrip/All-Weather Road from Roberts Bay to Camp

Windy Lake

- Windy Lake Fresh Water Intake Facility
- Acid Rock Testing Area
- Doris-Windy All-weather Access Road
- Gravel Track to Wind Turbine Laydown Pad
- Soil Conditions Assessment Site

- Explosives Pad
- Aqua Dam

Phase 2 Hope Bay Belt

- All-weather Access Road to Madrid
- Madrid Waste Rock Pile
 - Stormwater Management Sumps
- Madrid Portal Area
- Naartok East Crown Pillar Pit
 - Crown Pillar Pit Recovery Trench (CPRT)
 - Infrastructure Pad
 - Vent Raise Construction Site
- Contact Water Management Pond
- Quarry D
- Exploration Gravel Track
 - Exploration Pads

The following tables summarize observations made specific to the requirements of Project Certificate No. 003 Amendment 002 (Table 2) and Project Certificate No. 009 (Table 3).

Table 2: Doris North Project Certificate No. 003 Amendment 002

T&C	Topic	Site Observations
6	Tailings Impoundment Area (TIA) or modification of the existing TIA	To comply with the <i>Metal and Diamond Mining Effluent Regulations</i> (MDMER) Agnico Eagle built an Aqua Dam in its Tailings Area. Agnico Eagle has also completed construction of a water treatment plant at the TIA to process the tailings impoundment water to meet MDMER for discharge to Roberts Bay.
8	Weather station	There is a weather station on site and is operational.
14	Monitoring on both Doris Creek and effluent in the TIA	Processed saline TIA water is being discharged into Roberts Bay.
19	Thermistor cables and temperature loggers in jetties	Thermistors are installed at the jetty.
20, 33	To prevent ecosystemic effects in the event of fuel or waste spills	Spill kits are placed and visible throughout the mine site and next to the Roberts Bay.
22	Ongoing wildlife monitoring	Wildlife cameras are visible at site. Staff reported a grizzly and cubs were active around the site around the time of the site visit, and numerous spots where they were digging were seen on the tundra around the Roberts Bay infrastructure.

		Staff also reported that caribou were regularly seen at the portal entrance at Doris North and sometimes in an area located beneath the main mill building.
25 & 26	Wildlife-TIA interaction and recording of wildlife at Doris site	Wildlife cameras are installed around tailing impoundment facility.
30	Air quality	Dust monitoring stations were visible at multiple locations around the site.
33	Spill kits at Roberts Bay	Spill at sea response equipment was stored at Roberts Bay as well as spill kits visible around the site.

Table 3: Phase 2 Hope Bay Belt Project Certificate No. 009 (2018)

T&C	Topic	Site Observations
1	Air quality monitoring	Dust monitoring stations were observed across site.
2	Greenhouse gas (GHG) reduction	Agnico Eagle built a composter to reduce GHG production and manage organic waste. Agnico Eagle also has vehicle idling limits in place.
6	Monitor the integrity of infrastructures.	Thermistors are currently installed and monitored across site as well as in the dam at the TIA.
7	Erosion management	Silt fencing and coconut mats are in place to reduce erosion at various locations around site.
8	Progressive reclamation	Agnico Eagle has decommissioned Windy Camp and continues to limit their site footprint to avoid unnecessary disturbance.
11	Mitigate potential impacts to groundwater, surface water and freshwater.	Monitoring occurs at Windy Lake as it is the drinking water source for the Doris North Camp.
12	Setback on quarries	The quarries along Windy Road were observed to have appropriate setbacks to waterbodies.
13 & 16	Watercourses maintain movement of water and/or fish	The bridge and other infrastructure along Windy Road were positioned to maintain the movement of water and/or fish.
19 & 20	Minimize impacts to terrestrial wildlife from road traffic.	There is a wildlife passage under Windy Road going to Madrid to facilitate the passage of wildlife along a known caribou track.
47	Health and wellness	Posters about mental wellness were present in the cultural centre with contact information.

The following sections present observations from the 2025 site visit at Roberts Bay, the Doris North site, and Phase 2 of the Hope Bay Belt Project, focusing on infrastructure, environmental management, and compliance with project requirements. Photo documentation is included throughout to provide visual context for the conditions observed.

3.1 Roberts Bay



Photo 1: Roberts Bay Facilities and Laydown Area, Northwest View from the Primary Road



Photo 2: Roberts Bay Laydown Area, west view from the Roberts Bay Access Road



Photo 3: Tankfarm within Secondary Containment



Photo 4: Tankfarm – Southwest View from Primary Road



Photo 5: Roberts Bay Tankfarm



Photo 6: Fuel Line at Roberts Bay



Photo 7: Snowmobile Crossing Ramp with unsafe drop - requires design modification¹



Photo 8: Fuel Line Anchor

¹The snowmobile crossing is deemed unacceptable, as the slope is steep when approaching from the south, and the drop-off is too abrupt for safe use. Agnico Eagle is aware of this issue, and the crossing will be redesigned.



Photo 9: Treated Effluent Discharge Pipeline and Pumphouse – Weight Addition and Diffuser Reattachment Completed in 2024



Photo 10: Roberts Bay Jetty



Photo 11: Waste Disposal Area



Photo 12: Non-Hazardous Waste Segregation Seacan

3.2 Doris North



Photo 13: Airstrip and Primary Road



Photo 14: Laydown Area along the Primary Road



Photo 15: Hazardous Material, mostly contaminated plastic, outside secondary containment at the South Apron



Photo 16: Incinerator Building



Photo 17: Composter



Photo 18: Quarry 2



Photo 19: Core Storage Pad



Photo 20: Maintenance Shop



Exposed Liner

Photo 21: Contact Water Storage Pond



Photo 22: Pollution Control Pond



Photo 23: Tankfarm and Fuel Modules - Doris Camp



Photo 24: Power Plant – Doris Camp



Photo 25: Inuit Culture Center



Photo 26: Emergency Response Team (ERT) and Training Buildings

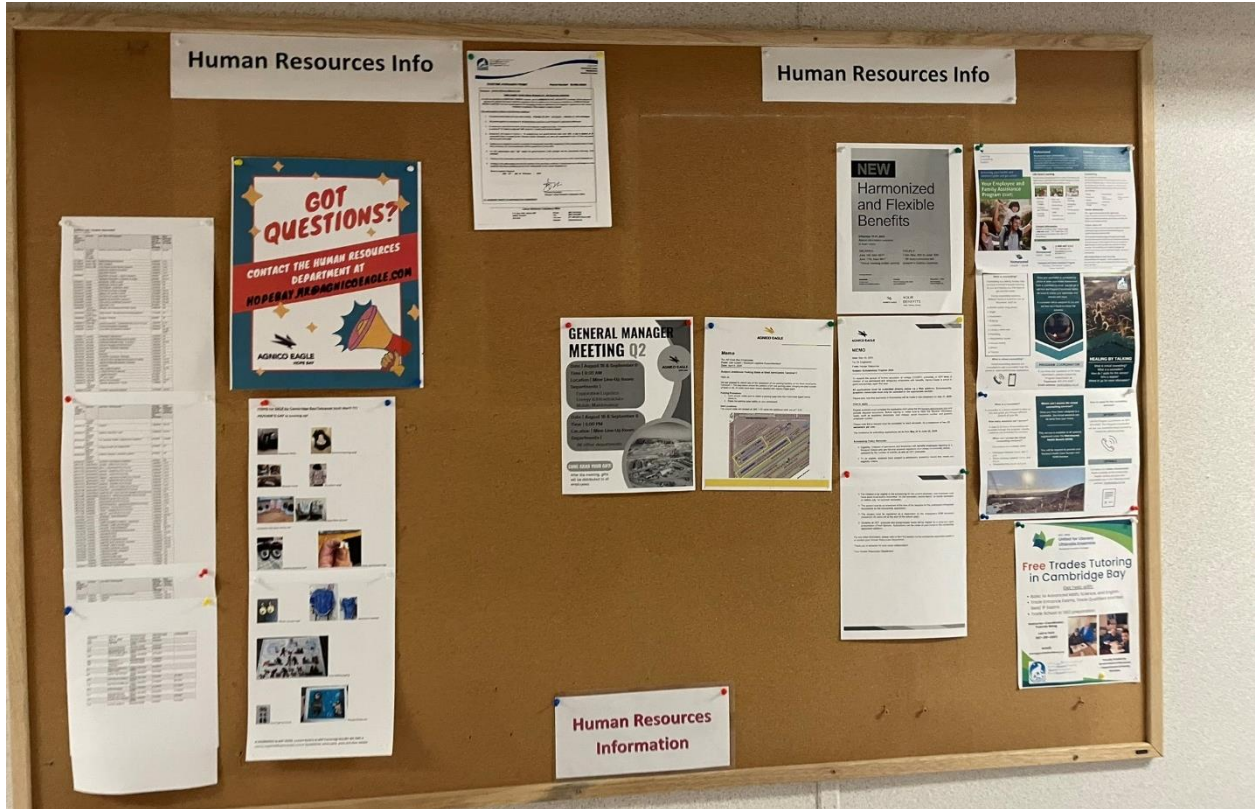


Photo 27: HR and ERT Trainings Information Boards - Camp Hallway

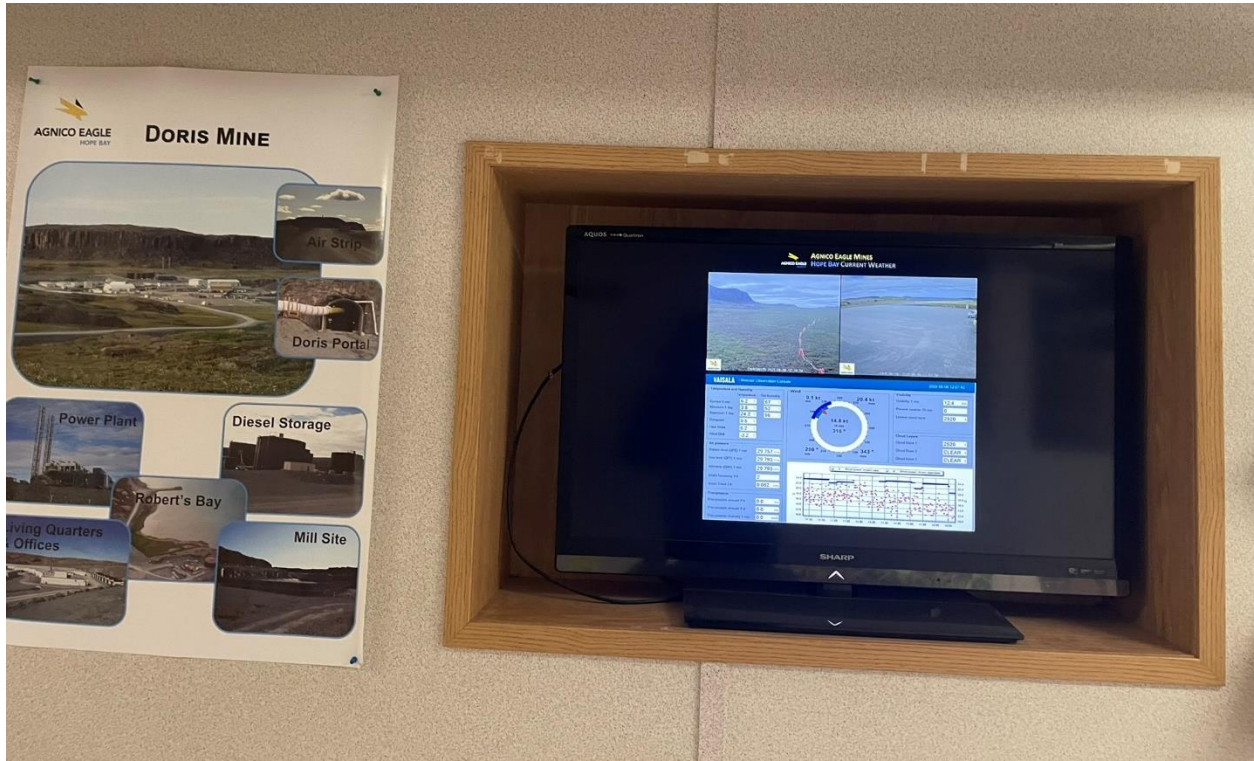


Photo 28: Live Weather Updates in the Camp Hallway



Photo 29: Waterlines labelled 'T' and 'R' run along the TIA Access Road, Transferring Treated Effluent to Roberts Bay and Effluent to the TIA Reclaim Pond



Photo 30: Primary Vent Raise



Photo 31: Catch Basin 1 - One of Two Catch Basins Located on Opposite Sides of Doris Creek Bridge for Emergency Discharge



Photo 32: Doris Creek looking north from Doris Creek Bridge



Photo 33: Explosives Storage Facility east of TIA Reclaim Pond



Cooling System - Supports Ice Core Freezing

Photo 34: Thermosyphon Cooling System at the North Dam



North Dam
Reagent Pad

EWTP

Photo 35: Effluent Water Treatment Plant (EWTP) Reclaim Pump House and Reagent Pad

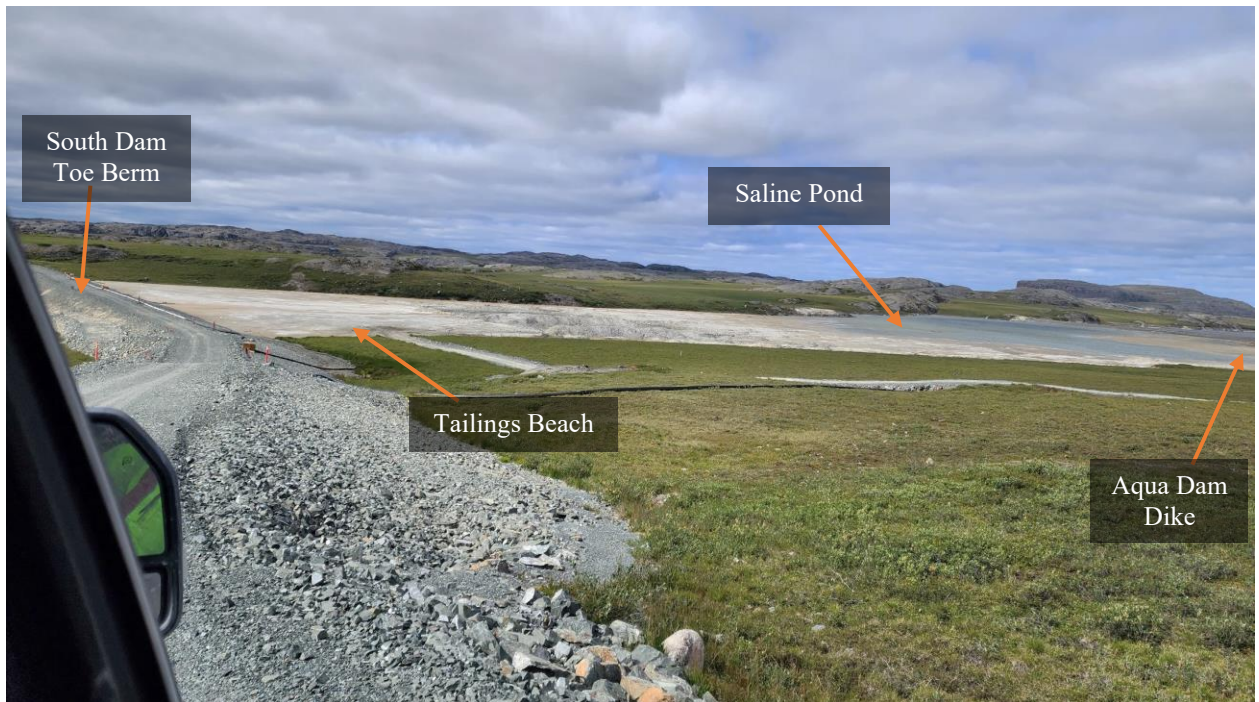


Photo 36: TIA Lake, Effluent Water Treatment Plant (EWTP), and Reclaim Pumphouse



South Dam Tailings Beach

Photo 37: Geotech monitoring at the South Dam (Looking North from South Dam)



South Dam Toe Berm

Saline Pond

Tailings Beach

Aqua Dam Dike

Photo 38: TIA South Dam and Aqua Dam Dike

3.3 Windy Lake



Photo 39: Bridge and Flags on Doris-Windy All-Weather Road



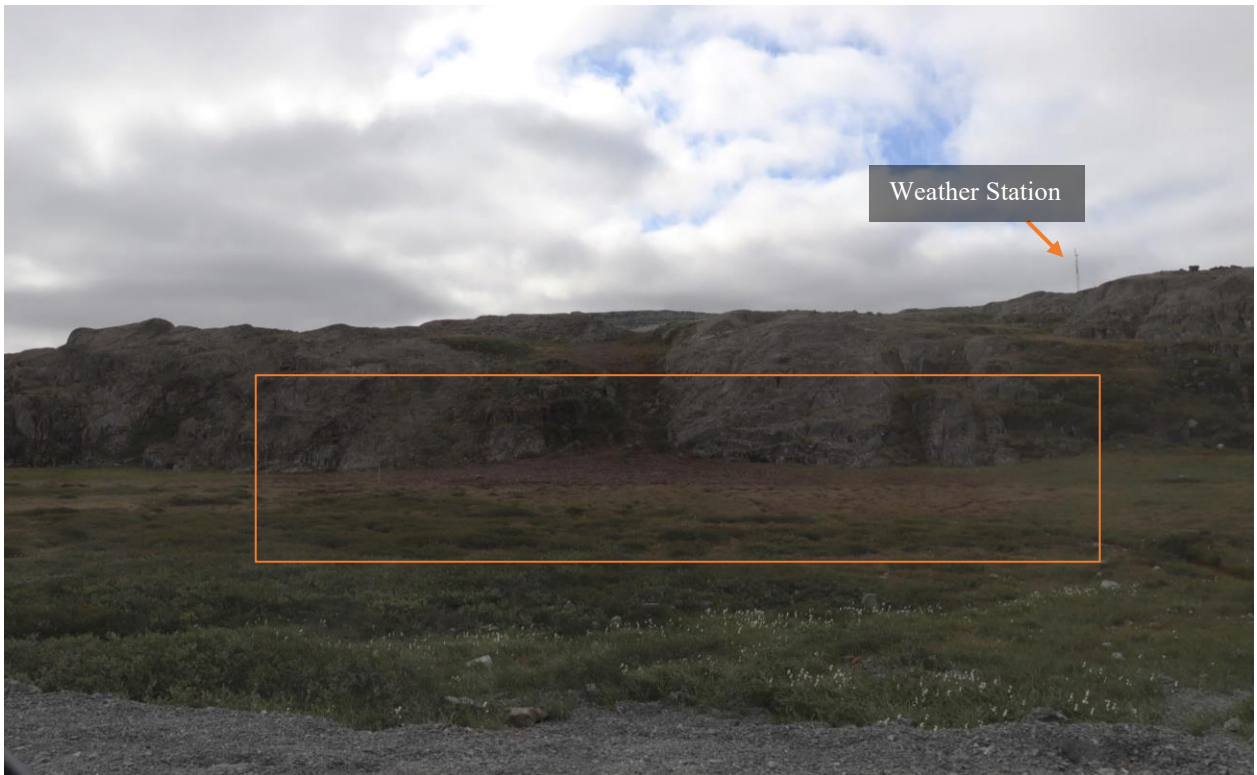
Photo 40: Doris-Windy All-Weather Road: Northbound Tanker Trailing Dust



Photo 41: Dust samplers facing east on Doris–Windy All-Weather Road



*Photo 42: Under-Construction road for Wind Turbine 2-
no equipment or materials at the site yet*



*Photo 43: Soil conditions at former Windy Camp—looking north from Windy North Intake
Access Road*



Photo 44: Windy Lake and Windy Fresh Water Intake Facility



Photo 45: Flock of Canada geese near Windy Lake Intake



Photo 46: Acid Rock Testing Area near Windy Lake-Looking Northeast from Intake



Photo 47: Core Storage Pad on Doris-Windy All-Weather Road near Quarry D

3.4 Phase 2 Hope Bay Belt

At the Madrid North site, a portal has been constructed at the Naartok East Crown Pillar Pit and underground development is in progress. During the site visit a ventilation raise was under construction.



Photo 48: Wildlife Passage under Windy Road going to Madrid (2024)



Photo 49: Construction of Ventilation Raise Collar at Naartok East



Photo 50: Naartok East Crown Pillar Pit and Underground Portal



Photo 51: Infrastructure Pad adjacent to Naartok CPRT with fuel tanks in containment



Photo 52: Crown Pillar Recovery Trench (CPRT) and Sump



Photo 53: CPRT Sump with vehicle transit on Madrid All-Weather Road in background



Photo 54: Madrid North Contact Water Pond (CWP2)



Photo 55: CWP2 Sump - used for collecting leakage from CWP2

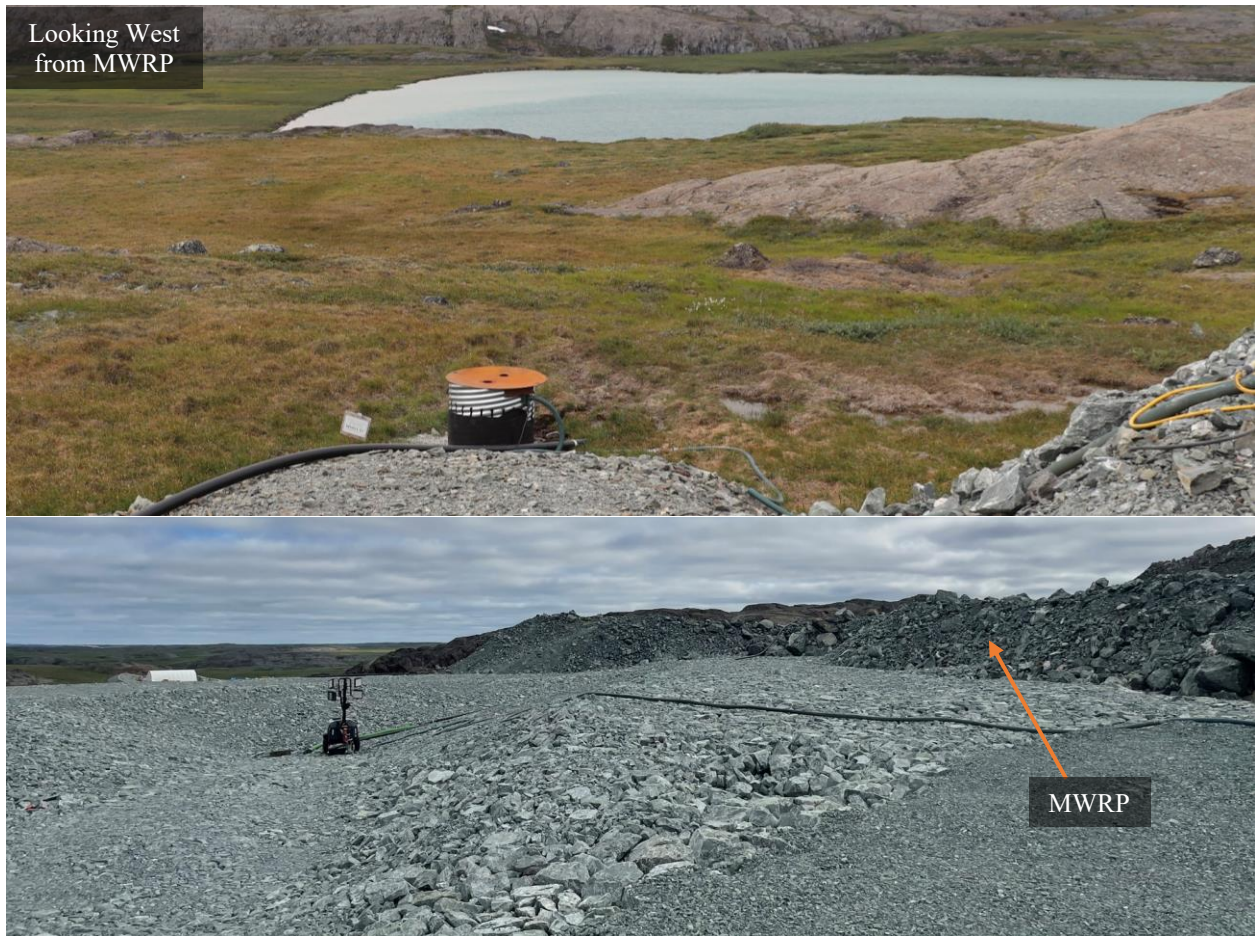


Photo 56: Two of four Stormwater management sumps around the Madrid Waste Rock Pile (MWRP)



Photo 57: Looking northeast from Madrid Waste Rock Pad: Naartok East CPR Overburden Stockpile and Naartok CPR in the Distance



Photo 58: Weather Station at Madrid North



Photo 59: Construction of Saline Water Storage Pond at Quarry D



Photo 60: Exploration Trail - Exploration Pads and Patch Lake

4 CONCLUSION


Based on observations during this site visit, all Doris North and Phase 2 Hope Bay facilities in operation are being managed in accordance with the Terms and Conditions of Project Certificate No. 003, Amendment 02, and Project Certificate 009, respectively.

Although the sites are currently under care and maintenance, construction is ongoing with a new three-story residence at the Doris Camp with a second in the initial construction phase. Additionally, underground development is ongoing at Madrid, and exploration occurring south of the main Madrid site.

Overall, the sites appeared well-maintained and in good condition, however two issues are identified:

- There is no obvious dust control used on roads, with vehicles raising dust clouds.
- The ramp at Roberts Bay intended to allow snowmobiles to pass the fixed fuel line is unacceptably designed and built to allow safe usage. The staff at Hope Bay are aware of the issue and plans to replace it are underway.

The observations made at the site visit inform the overall compliance of Project Certificate Nos. No. 003, Amendment 02, and Project Certificate 009 Board recommendations provided within the NIRB's *Doris North and Phase 2 Hope Bay Belt 2024-2025 Monitoring Report*.

Prepared by: Varun Nayak
Title: Monitoring Officer
Date: September 25, 2025
Signature: 

Reviewed by: Keith Morrison
Title: Manager, Project Monitoring
Date: September 25, 2025
Signature: 