



## Memo

**To:** Nunavut Impact Review Board

**From:** Agnico Eagle Mines Limited

**Date:** May 23, 2023

**Subject:** Pre-construction imagery of windfarm, waste storage pits and borrow pit - Meliadine Extension Proposal

---

Agnico Eagle Mines Limited (Agnico Eagle) has prepared a response to a request from the SDFN/NDFN to provide pre-construction imagery of the wind turbine locations, waste rock storage pit and borrow pit areas to assess their suitability for preferred caribou foraging habitat.

### **Agnico Eagle's Response to Request**

Agnico Eagle refers the SDFN/NDFN to Section 6.4 and Section 6.5 of the Meliadine Extension FEIS Addendum which addresses terrain and land cover, respectively. Terrain in the Meliadine Extension local study area is dominated by till blanket/veneer terrain (36%) and water (20%). Other units consist of till and marine sediments (16%), hummocky till (5%), bedrock unit (5%), while 11 other terrain map units each cover less than 5% of the Meliadine Extension local study area. Vegetation communities including heath tundra (39%), sedge (23%), and water (21%) dominated the Meliadine Extension local study area. High-quality caribou habitat includes the lichen/rock and lichen-heath (hair lichen) vegetation communities, covering 2% and 5% of the local study area, respectively.

### **Turbine Locations**

On February 17, 2023 Agnico Eagle provided a document with photos of around proposed wind turbine locations 2, 6, 7, and 9. In general, the landscape is very similar for the windfarm location; however, additional photos are provided for other proposed turbine locations (numbers 1, 3, 4, 5, 10, and 11) based on field investigations.



**Area Around Proposed Location of Wind Turbine No. 1 (July 2021)**



**Area Around Proposed Location of Wind Turbine No. 3 (July 2021)**



**Area Around Proposed Location of Wind Turbine No. 4 (July 2021))**



**Area Around Proposed Location of Wind Turbine No. 5 (2021)**





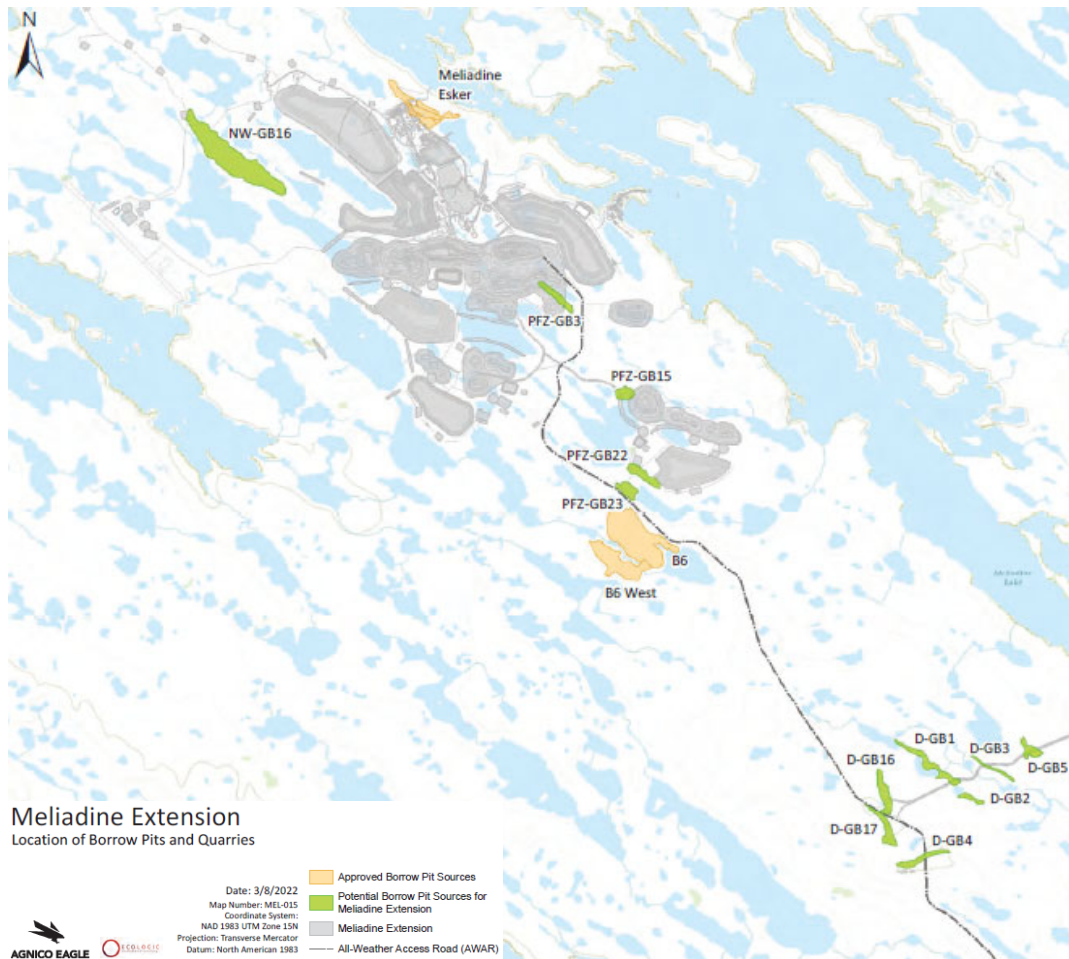
**Area Around Proposed Location of Wind Turbine No. 10 (2022)**



**Area Around Proposed Location of Wind Turbine No. 11 (July 2021)**

### **Borrow Sources**

Agnico Eagle completed an investigation for the proposed borrow sources for Meliadine Extension in 2021. As outlined in Figure 2.3-1 of the Meliadine Extension FEIS Addendum, 12 potential sources were included in the assessment. The figure is provided for ease of review.



Agnico Eagle has provided some photographs collected in 2021 for proposed borrow sources:

- NW-GB16 – closest to the windfarm area
- PFZ-GB15 –near the F Zone mining area
- PFZ-GB23 – adjacent to the AWAR





**Prospect NW-GB16 Surface**



**Prospect NW-GB16 Surface**





**Prospect PFZ-GB15 Surface**



**Prospect PFZ-GB23 Surface**



**WRSF**

The following photos are of areas around the WRSFs as outlined in the Meliadine Extension FEIS Addendum.

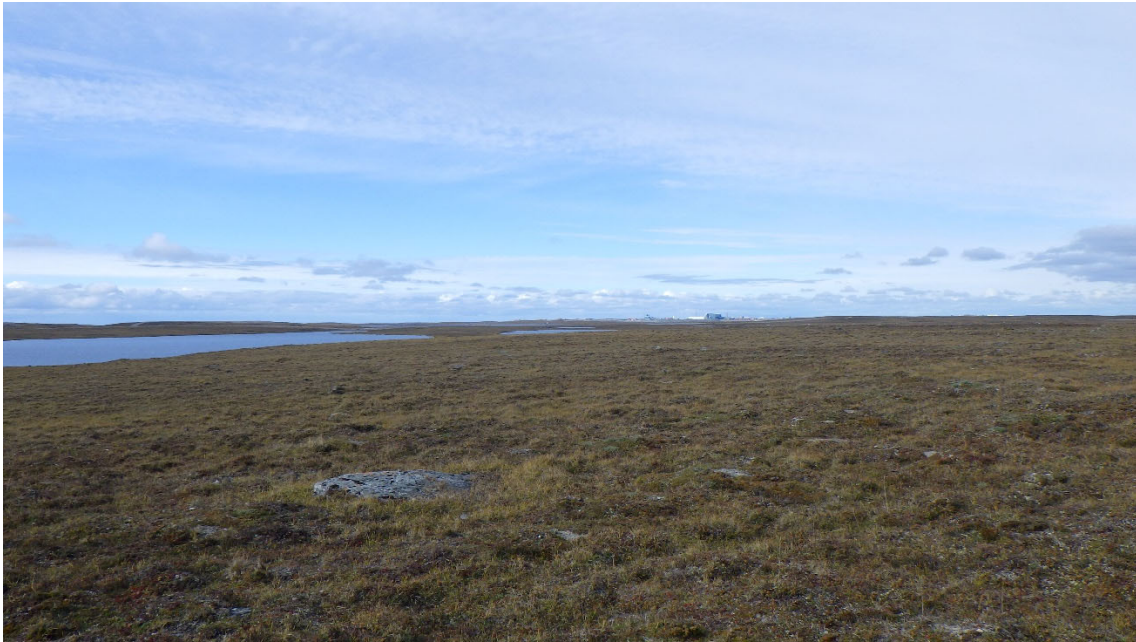


**Area Around WRSF5**

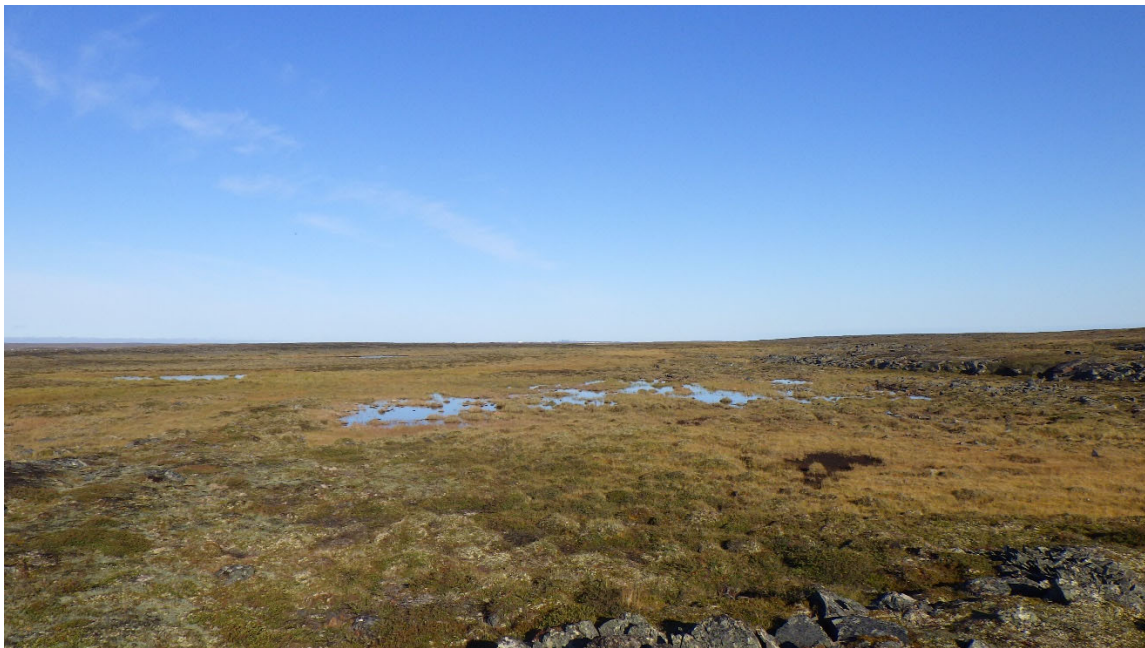


**Area Around WRSF6**





**Area Around WRSF7**



**Area Around WRSF9**