

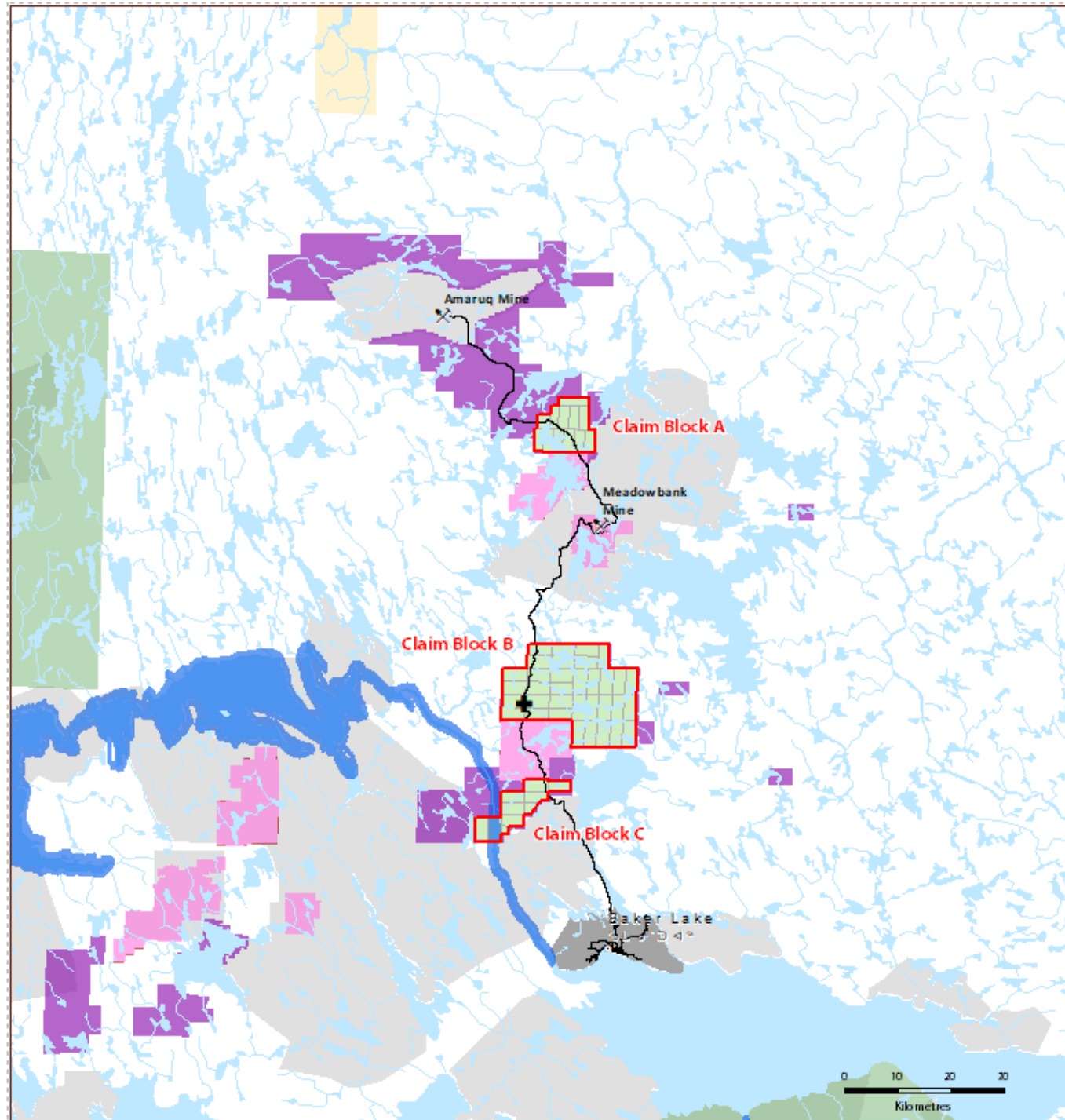
Spatial Screening for 5530 Inc.'s "Meadowbank Precious Metal Property"

NIRB File no. 17EA020

Project Area

Meadowbank Precious Metal Property

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
 -  Heritage River
 -  Parks and Protected Areas
- Mineral Lease**
 -  Active
- Mineral Claim**
 -  Active
- Prospecting Permit**
 -  Active
 -  Pending Suspended



Overview

The following topics are included in the spatial screening along with some key notes:

Caribou Ranges - the property is within the annual ranges of the following caribou subpopulations:

- Ahiak
- Wager Bay
- Lorillard

Caribou Telemetry - Caribou movements are overlapping the property claim blocks in the following seasons:

- Spring Migration
- Summer
- Late Summer
- Fall Migration - pre-breeding
- Rut/Breeding
- Fall Migration - post-breeding
- Winter

Caribou Seasonal Ranges - DNLUP Version Data (circa 2014) - the property overlaps the following seasonal ranges:

- Spring Migration
- Summer
- Late Summer
- Rut/Breeding
- Fall Migration - post-breeding
- Winter

Caribou water crossings - Block C and partially Block B overlaps the freshwater crossing data

Polar Bear denning and summer retreat - No overlap

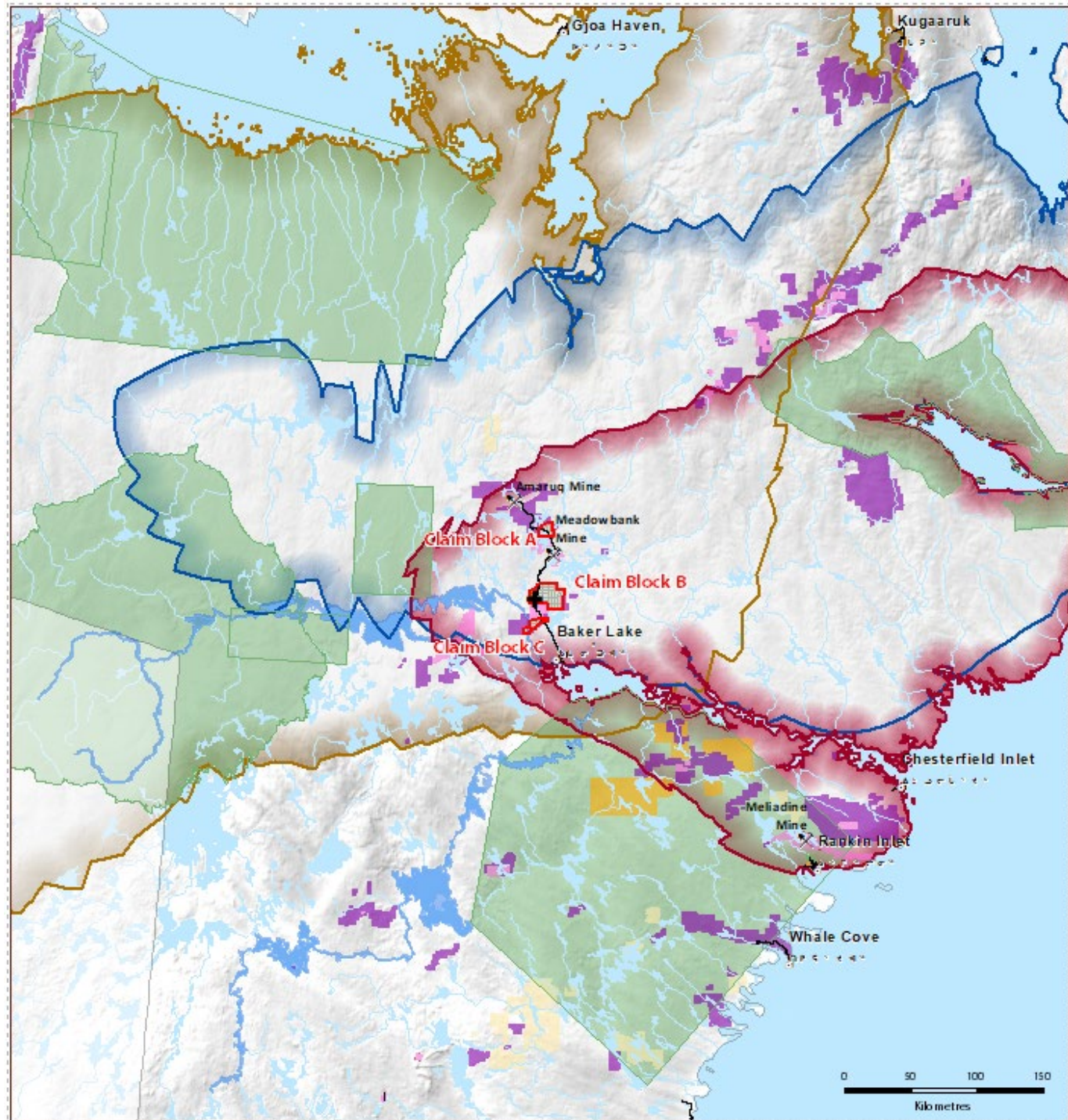
Caribou Annual Ranges

Caribou Annual Ranges

- ❖ Ahiak
- ❖ Wager Bay
- ❖ Lorillard

- ✚ KM 58 Fuel Cache
- Meadowbank Property Claim Block
- River
- Ocean
- Lake
- Operating or Existing Road
- Caribou Annual Home Ranges**
- Ahiak
- Wager Bay
- Lorillard
- Parks and Protected Areas**
- Heritage River
- Parks and Protected Areas
- Mineral Lease**
- Active
- Mineral Claim**
- Active
- Prospecting Permit**
- Active
- Pending Suspended

Government of Nunavut data should not be reproduced or distributed without written permission from the Government of Nunavut.

















Caribou Telemetry

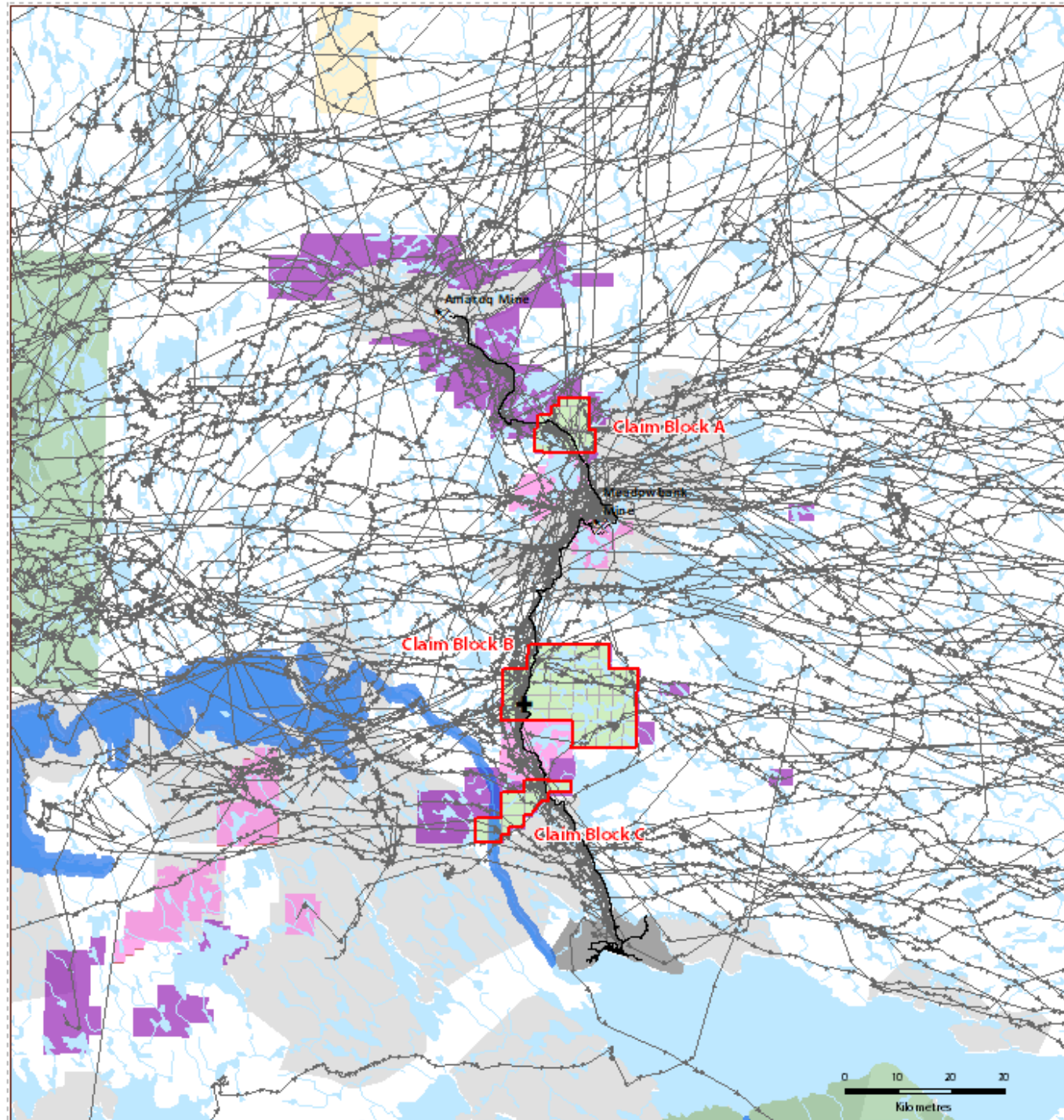
Please note that the following telemetry data is for all herds in the Project area.

Telemetry Data

Spring Migration

Approximately
April 1 - June 12

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Telemetry - walklines
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended

















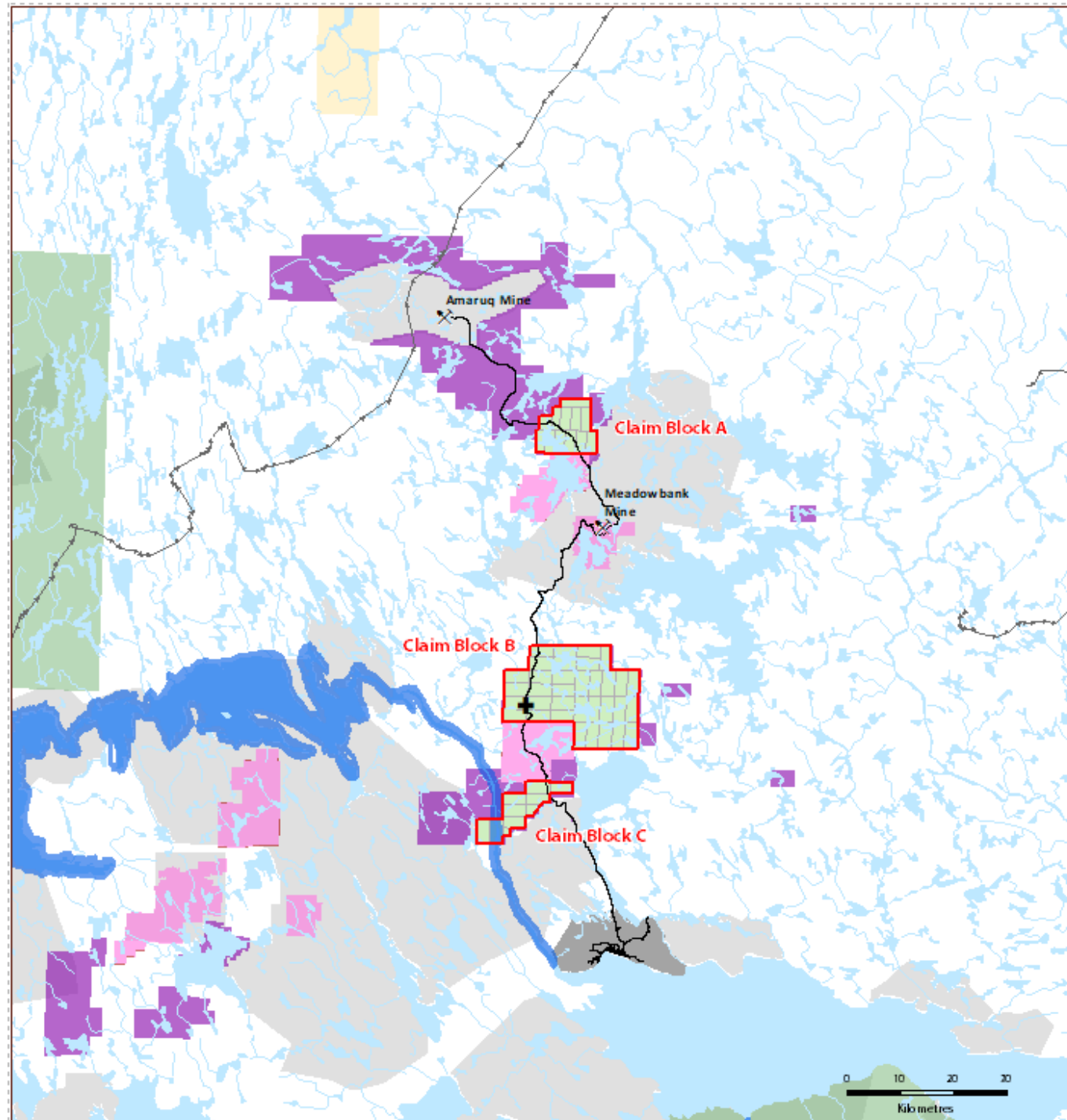
Government of Nunavut data should
not be reproduced or distributed
without written permission from the
Government of Nunavut.

Telemetry Data

Calving

Approximately
May 29 - July 13

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Telemetry - walklines
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended

















Government of Nunavut data should
not be reproduced or distributed
without written permission from the
Government of Nunavut.

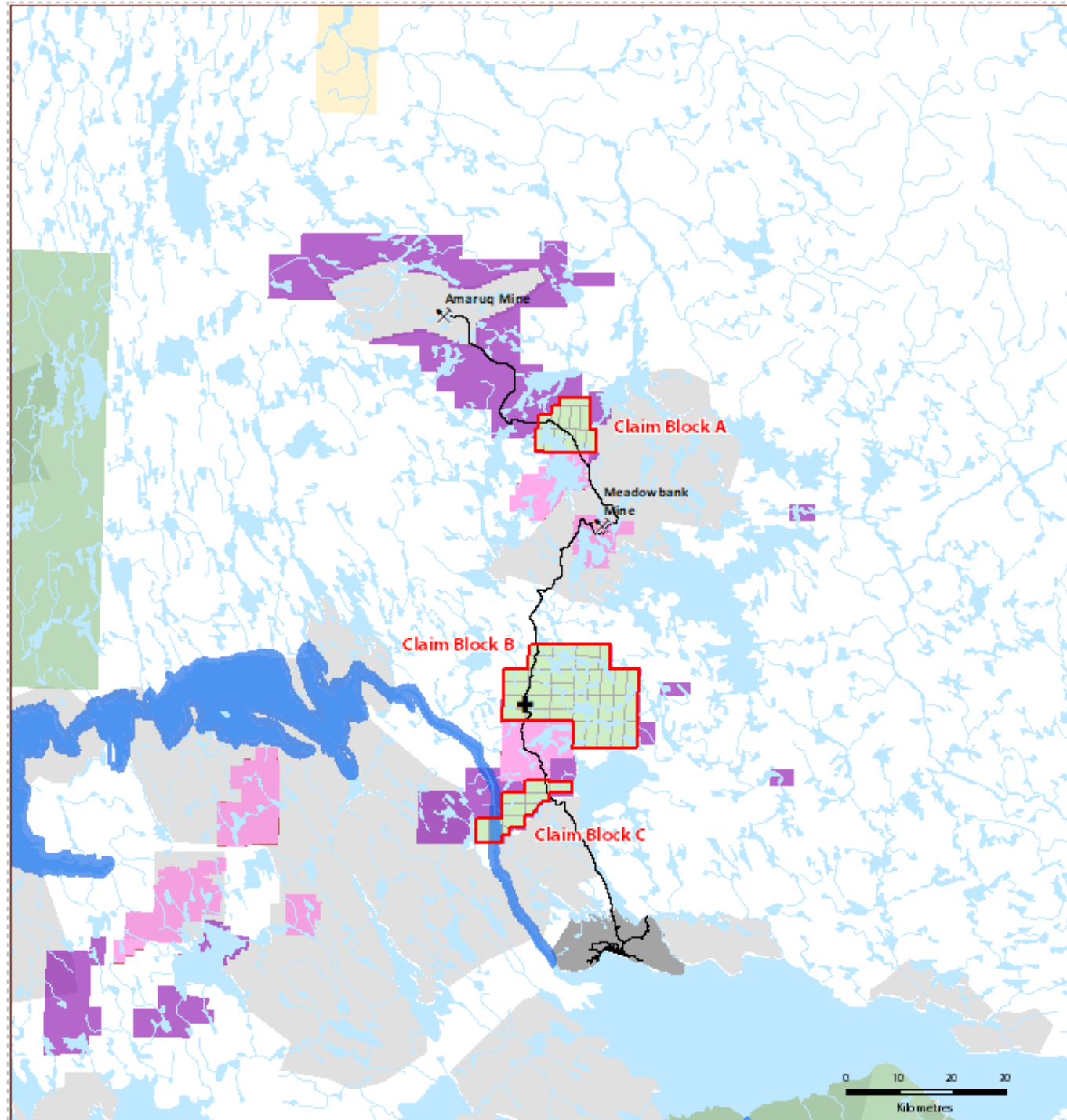
Telemetry Data

Post-calving

Approximately
June 26 - July 13

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Telemetry - walklines
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended















Government of Nunavut data should not be reproduced or distributed without written permission from the Government of Nunavut.

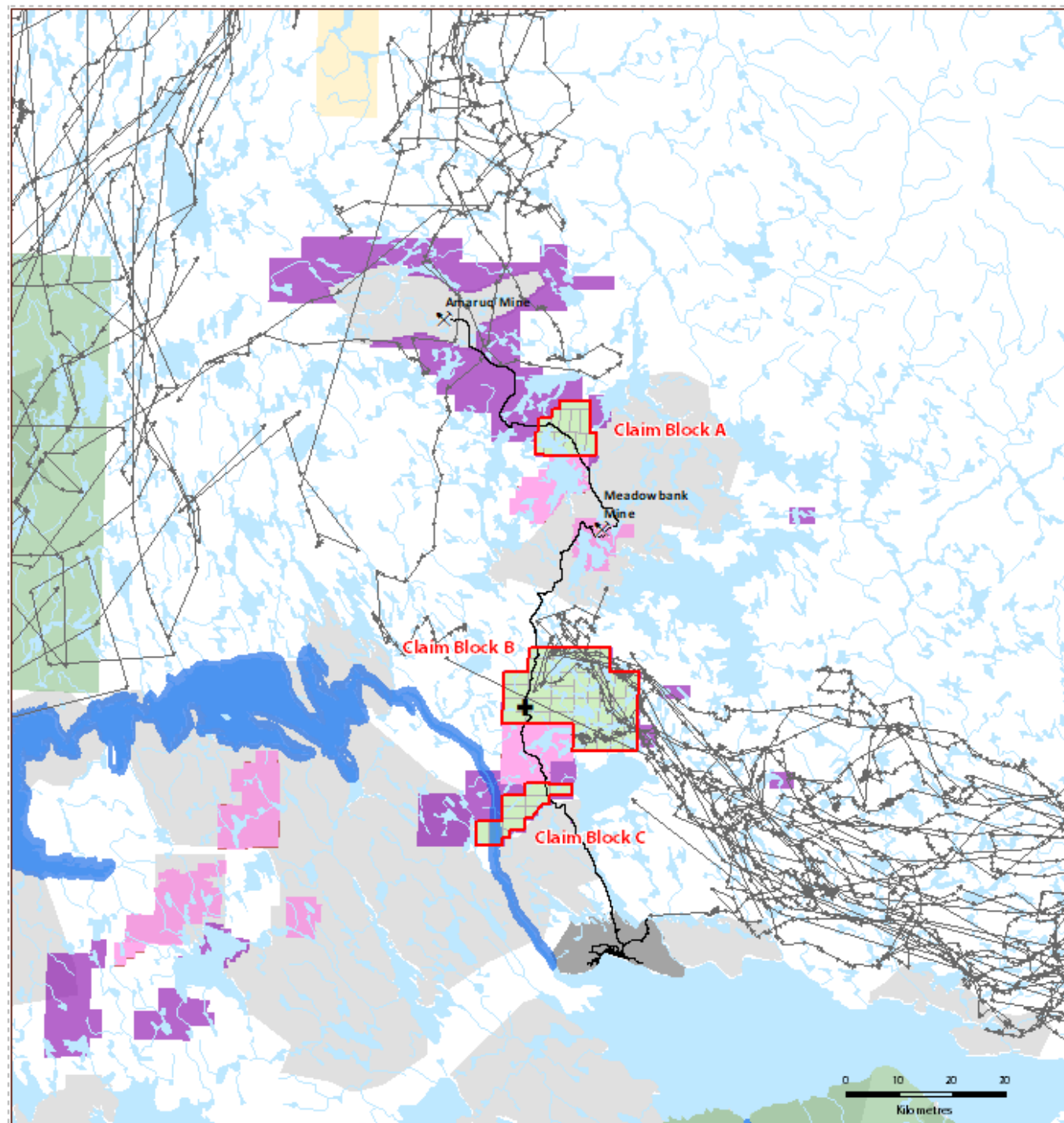


Telemetry Data

Summer

Approximately
July 14 - August 14

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Telemetry - walklines
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended

















Government of Nunavut data should
not be reproduced or distributed
without written permission from the
Government of Nunavut.

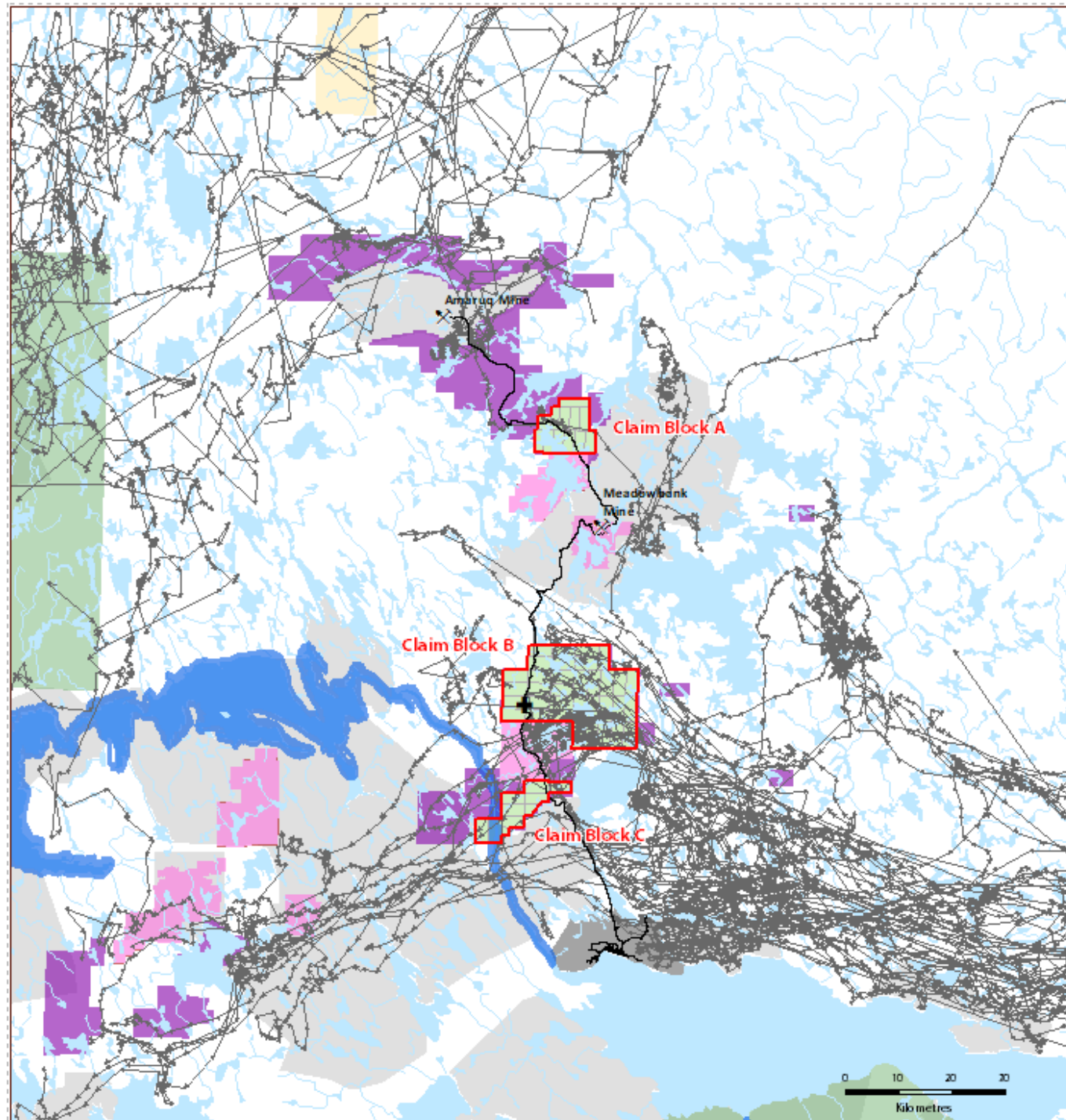
Telemetry Data

Late Summer

Approximately
August 15 - September 21

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Telemetry - walklines
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended















Government of Nunavut data should not be reproduced or distributed without written permission from the Government of Nunavut.

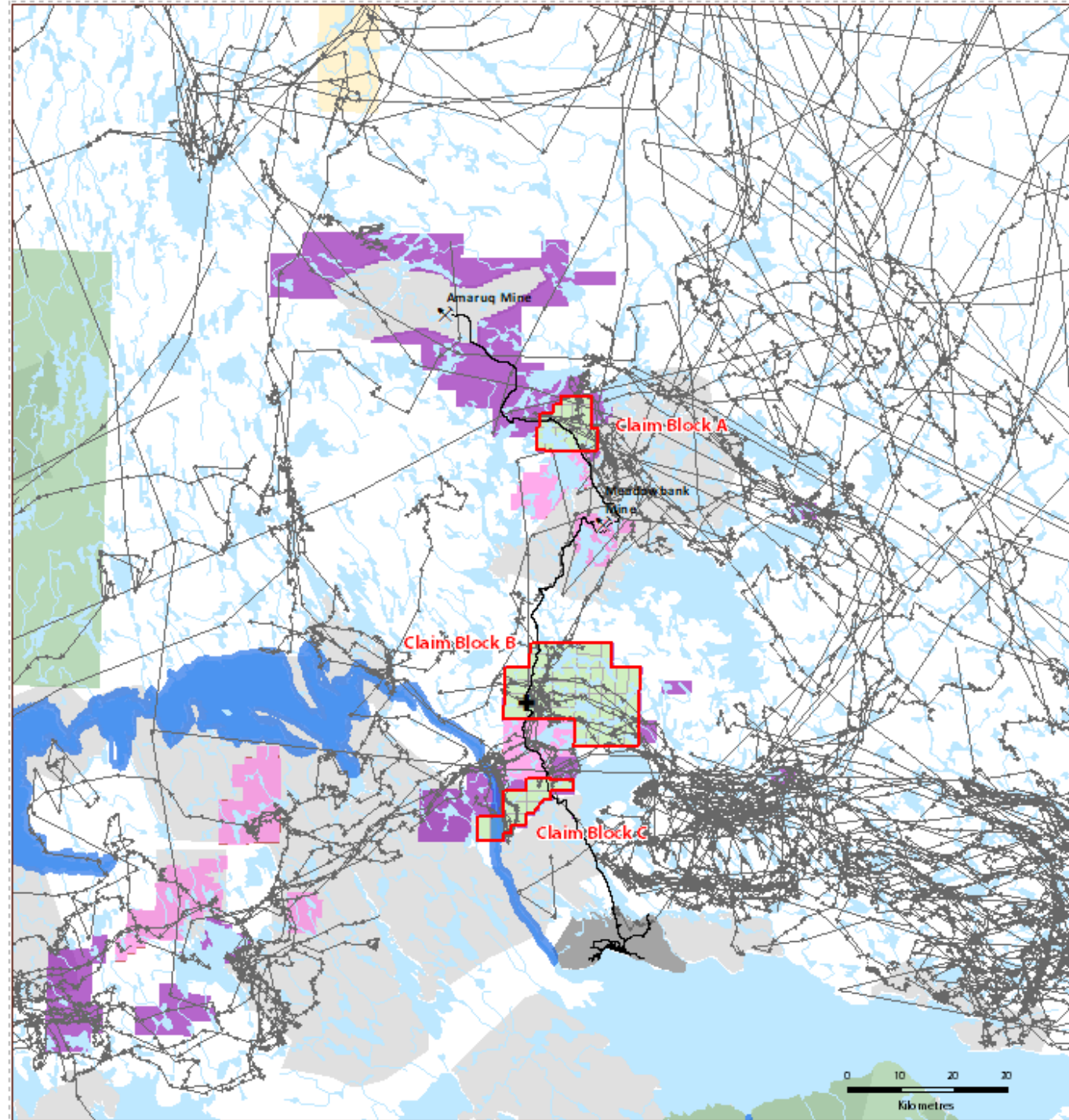


Telemetry Data

Fall Migration Pre-breeding

Approximately
September 22 - October 22

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Telemetry - walklines
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended

















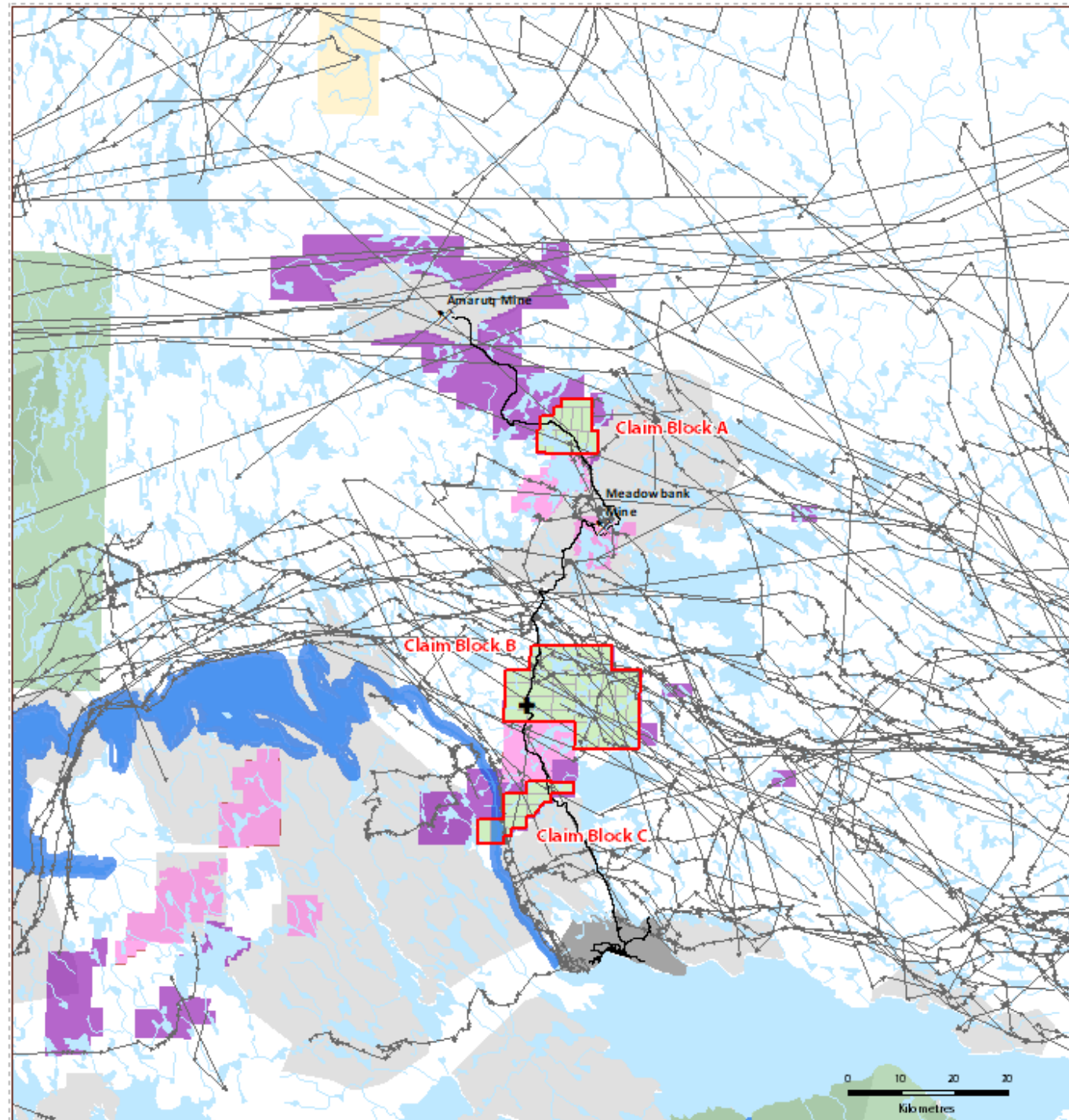
Government of Nunavut data should
not be reproduced or distributed
without written permission from the
Government of Nunavut.

Telemetry Data

Rut/Breeding

Approximately
October 23 - November 8

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Telemetry - walklines
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended

















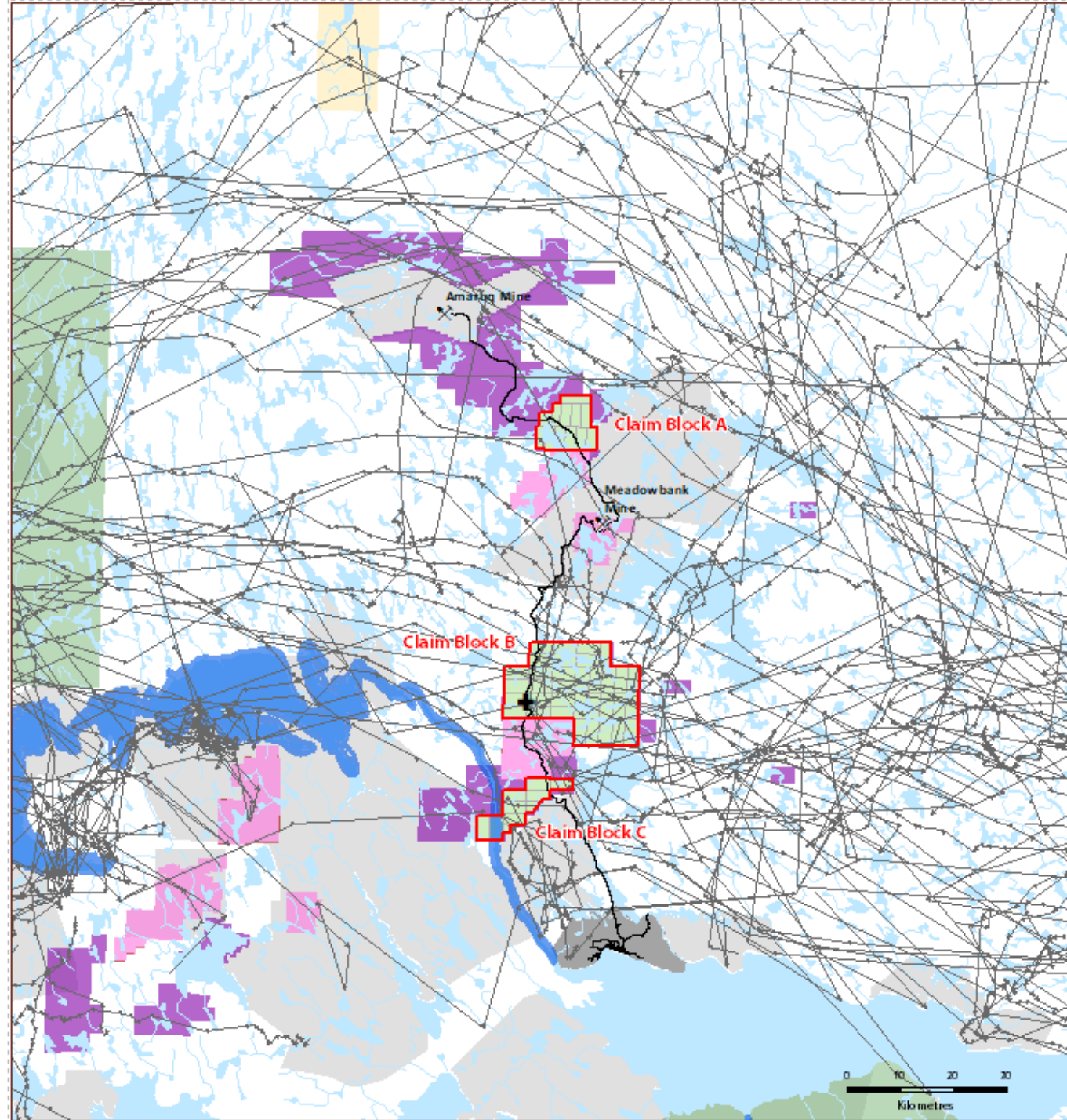
Government of Nunavut data should
not be reproduced or distributed
without written permission from the
Government of Nunavut.

Telemetry Data

Fall Migration Post-breeding

Approximately
November 9 - December 15

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Telemetry - walklines
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
 -  Heritage River
 -  Parks and Protected Areas
- Mineral Lease**
 -  Active
- Mineral Claim**
 -  Active
- Prospecting Permit**
 -  Active
 -  Pending Suspended

















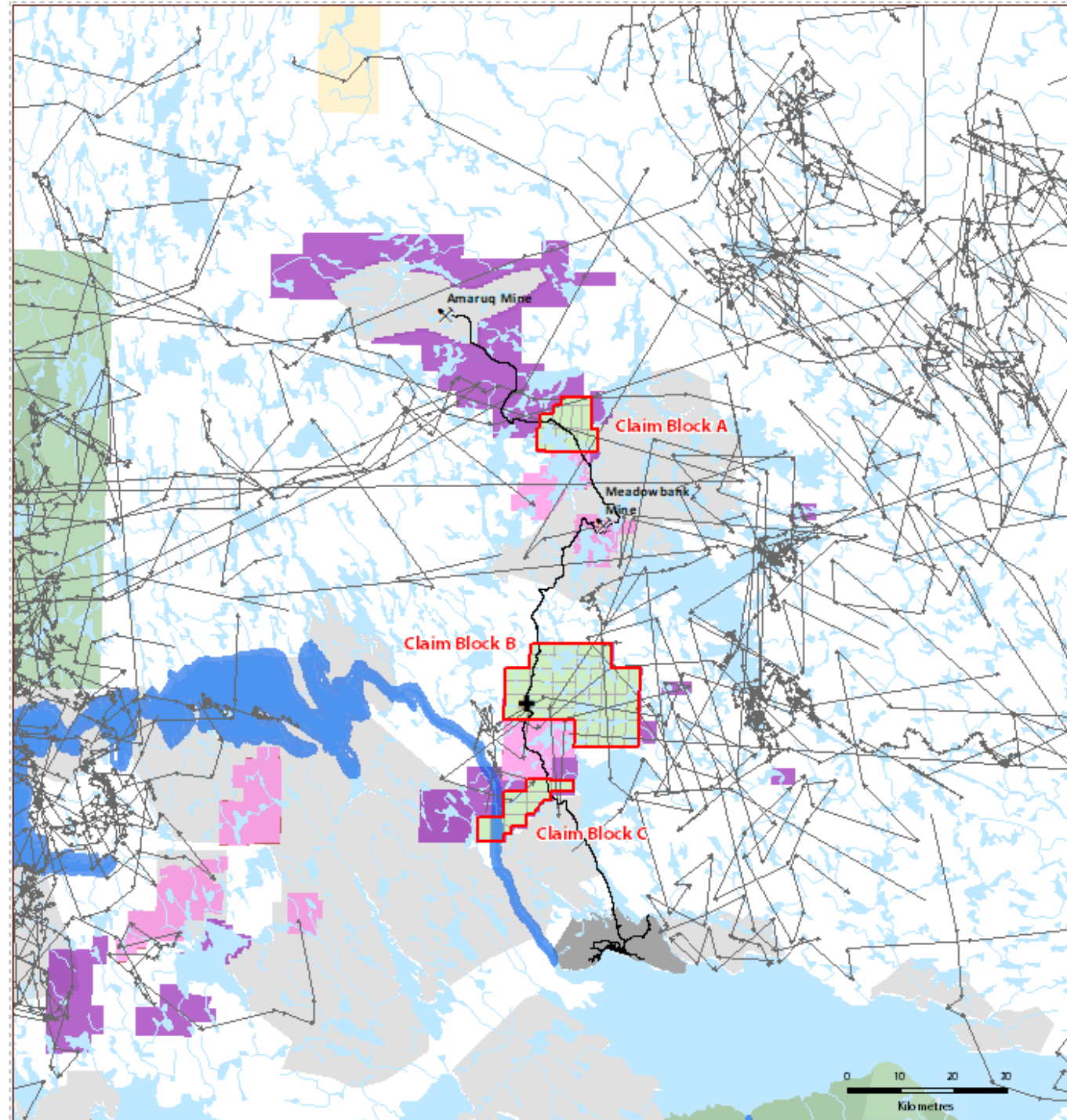
Government of Nunavut data should
not be reproduced or distributed
without written permission from the
Government of Nunavut.

Telemetry Data

Winter

Approximately
December 16 - April 5

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Telemetry - walklines
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended



Government of Nunavut data should
not be reproduced or distributed
without written permission from the
Government of Nunavut.

Caribou Seasonal Ranges

Draft Nunavut Land Use Plan (DNLUP)















version – circa 2014

Please note that the following seasonal ranges
are for all herds in the Project area.

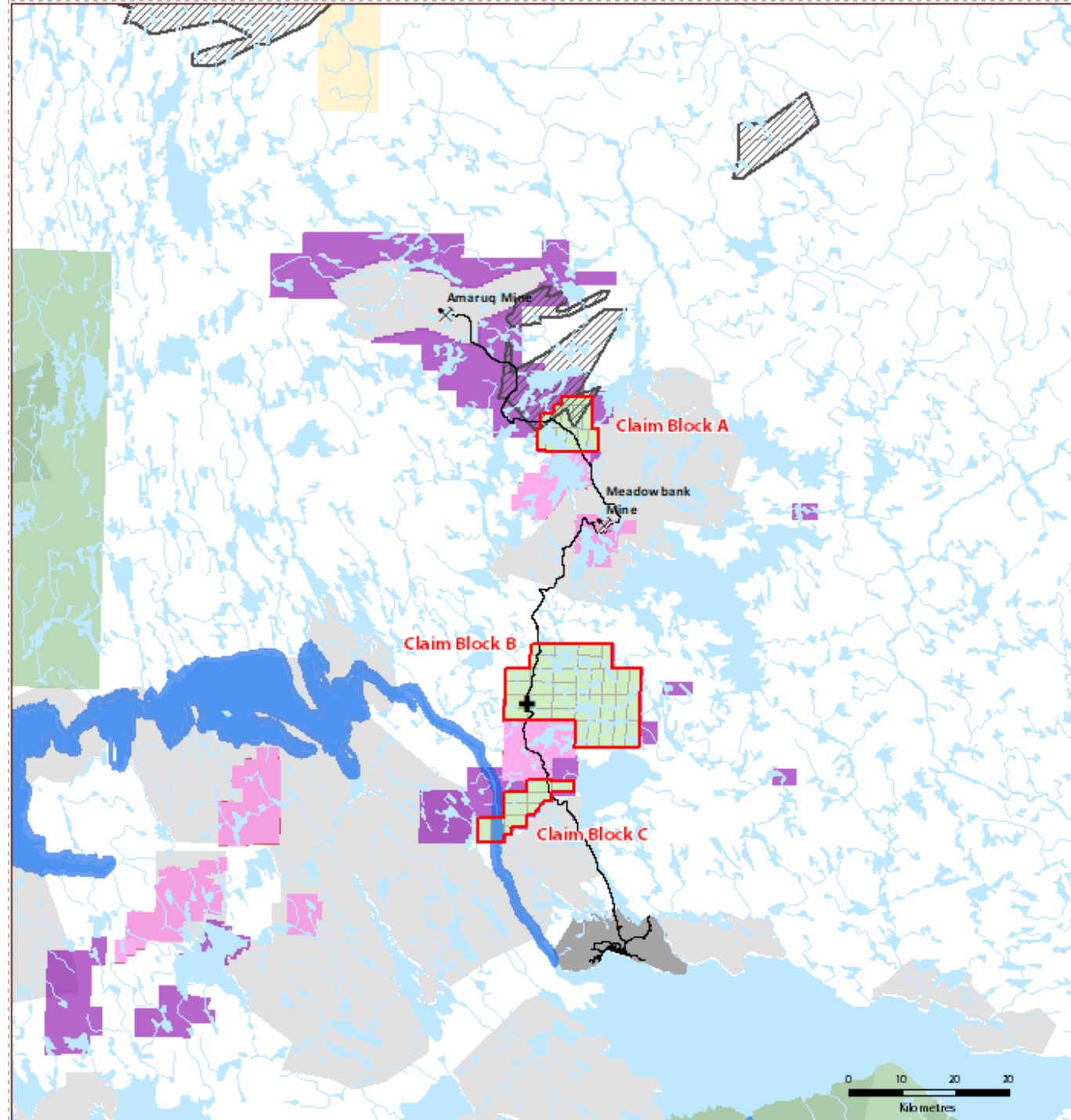
Seasonal Range

Spring Migration

Approximately
April 1 - June 12

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Caribou Seasonal Range
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended















Government of Nunavut data should
not be reproduced or distributed
without written permission from the
Government of Nunavut.

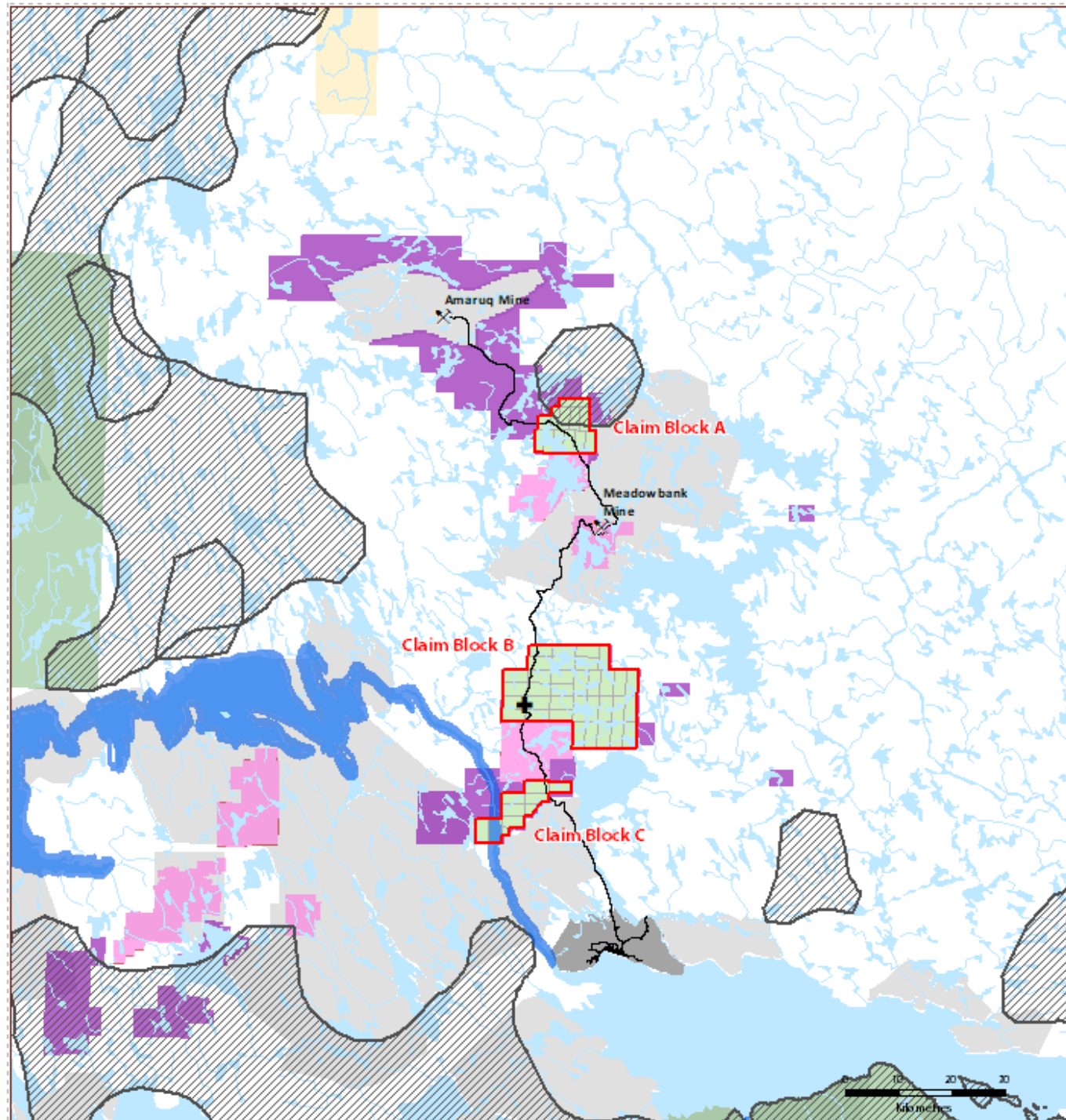


Seasonal Range

Summer

Approximately
July 14 - August 14

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Caribou Seasonal Range
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended

















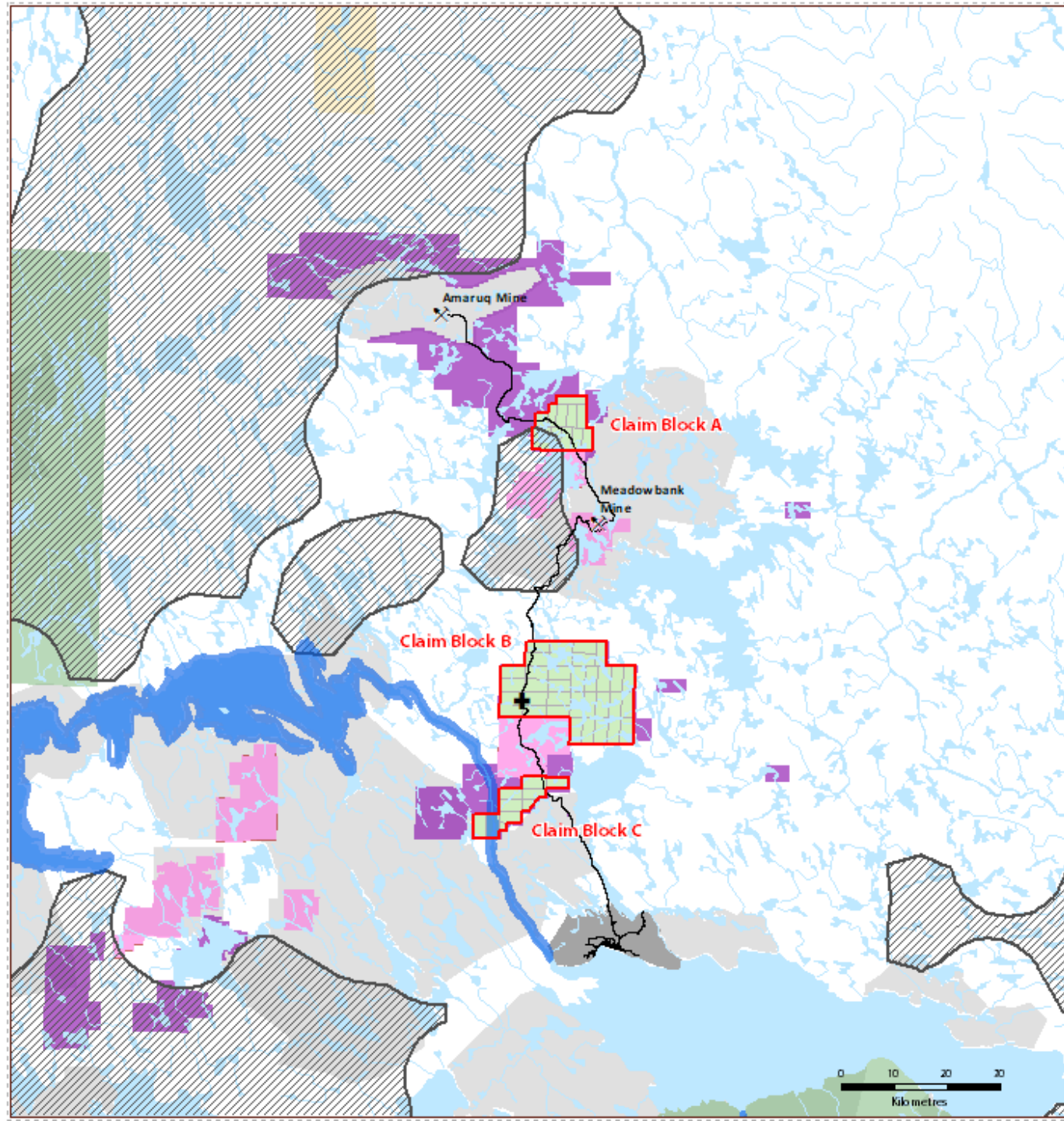
Government of Nunavut data should
not be reproduced or distributed
without written permission from the
Government of Nunavut.

Seasonal Range

Late Summer

Approximately
August 15 - September 21

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Caribou Seasonal Range
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended

















Government of Nunavut data should not be reproduced or distributed without written permission from the Government of Nunavut.

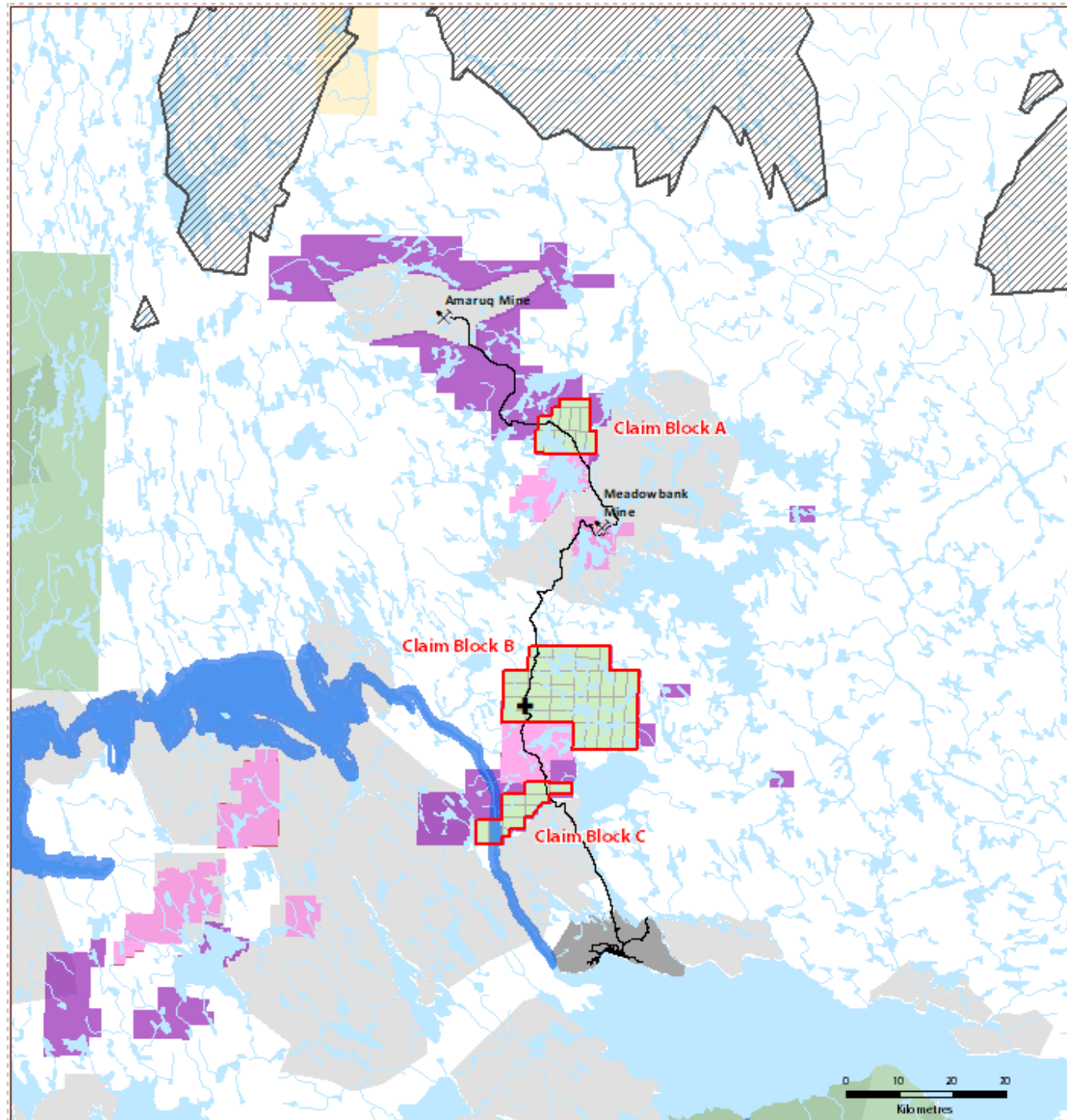
Seasonal Range

Fall Migration Pre-breeding

Approximately
September 22 - October 22

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Caribou Seasonal Range
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended















Government of Nunavut data should
not be reproduced or distributed
without written permission from the
Government of Nunavut.

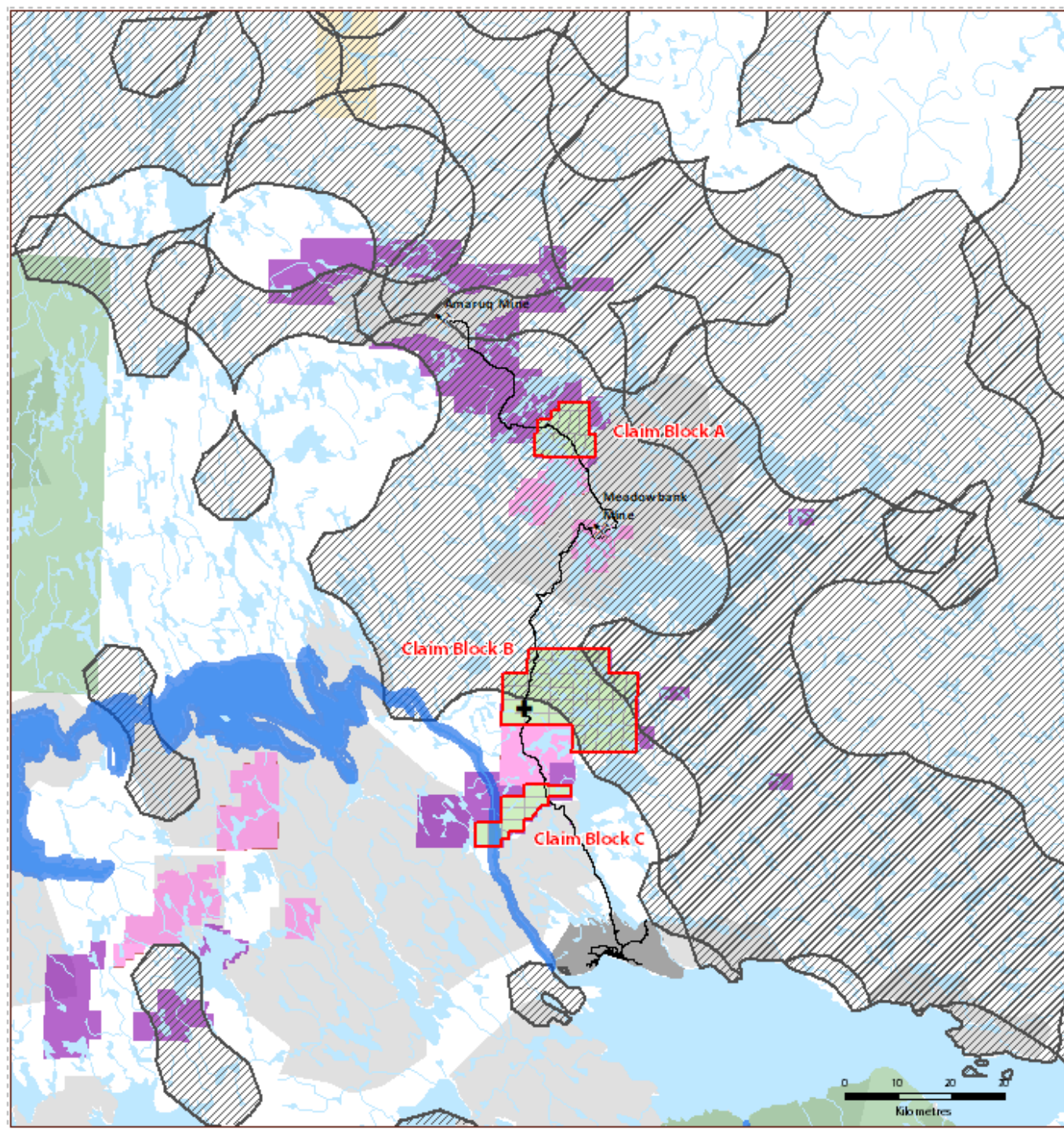


Seasonal Range

Rut/Breeding

Approximately
October 23 - November 8

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Caribou Seasonal Range
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended

















Government of Nunavut data should not be reproduced or distributed without written permission from the Government of Nunavut.

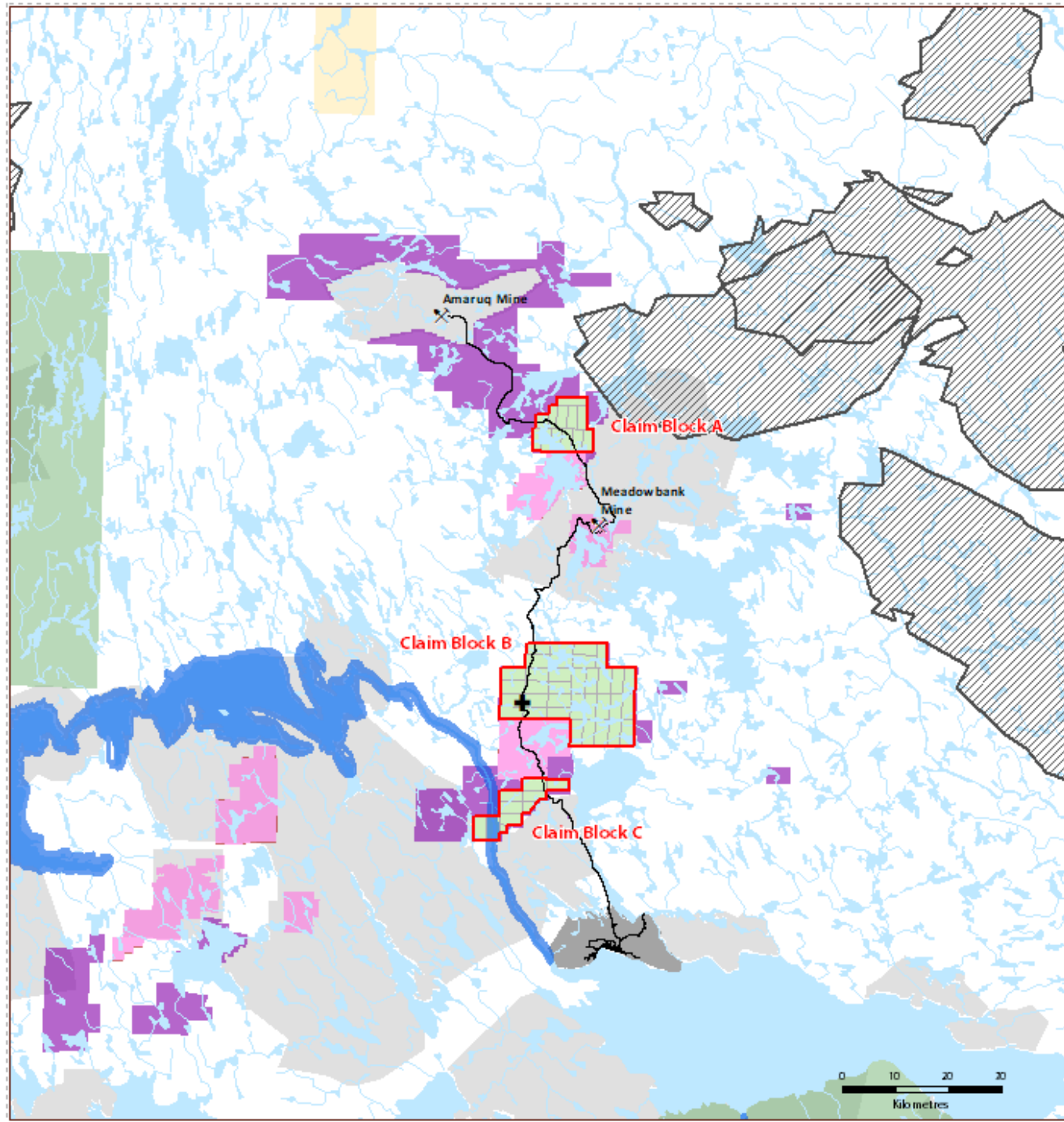
Seasonal Range

Fall Migration Post-breeding

Approximately
November 9 - December 15

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Caribou Seasonal Range
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended















Government of Nunavut data should
not be reproduced or distributed
without written permission from the
Government of Nunavut.



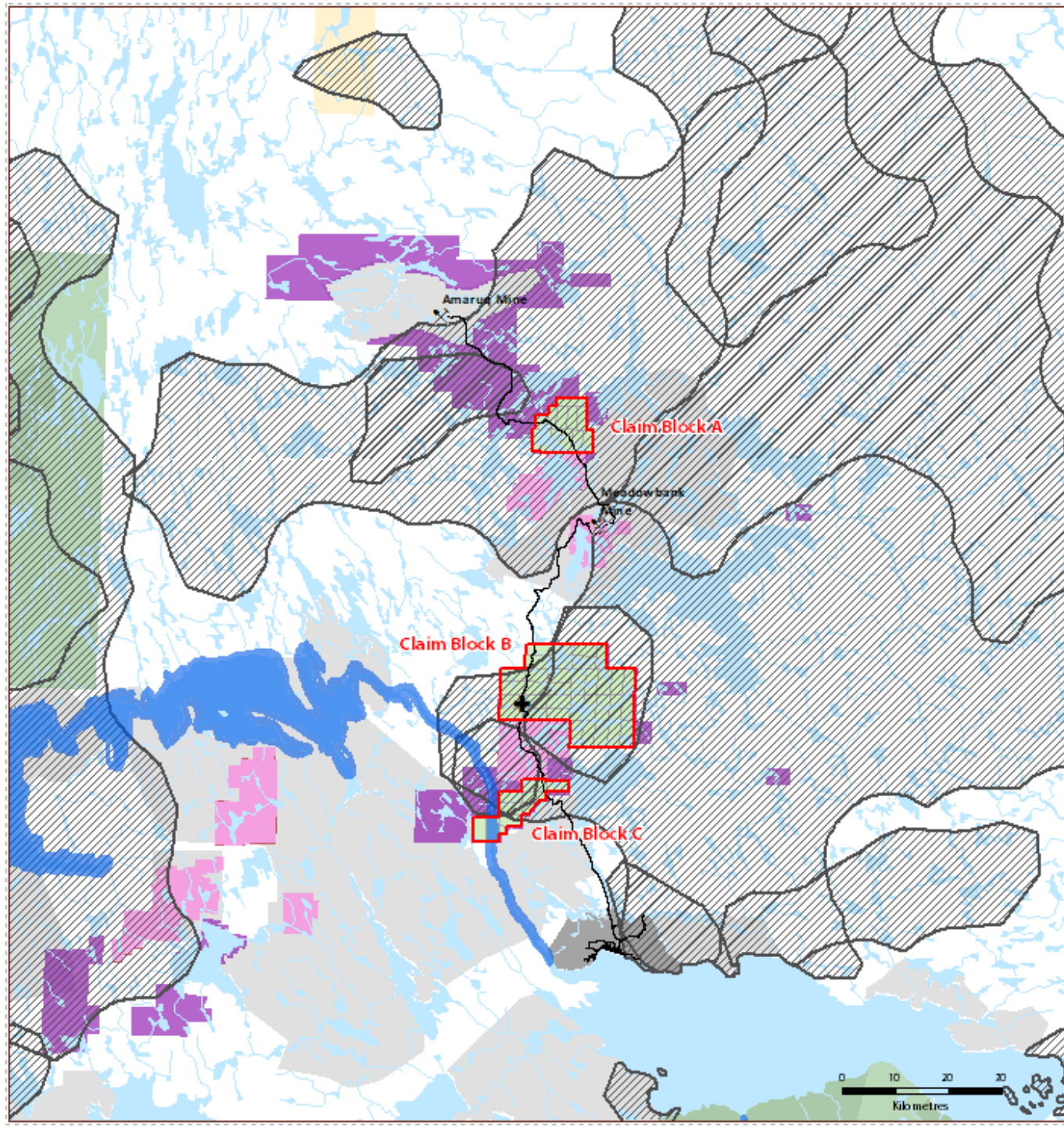
Seasonal Range

Winter

Approximately
December 16 - April 5

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Caribou Seasonal Range
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended
















Government of Nunavut data should not be reproduced or distributed without written permission from the Government of Nunavut.



Caribou Freshwater Crossing

Caribou Freshwater Crossings

❖ Thelon Heritage River

-  KM 58 Fuel Cache
-  Meadowbank Property Claim Block
-  River
-  Lake
-  Operating or Existing Road
-  Caribou Habitat Protected Area
-  Freshwater Crossing
-  Inuit Owned lands
-  Municipal Boundary
- Parks and Protected Areas**
-  Heritage River
-  Parks and Protected Areas
- Mineral Lease**
-  Active
- Mineral Claim**
-  Active
- Prospecting Permit**
-  Active
-  Pending Suspended

Government of Nunavut data should not be reproduced or distributed without written permission from the Government of Nunavut.

