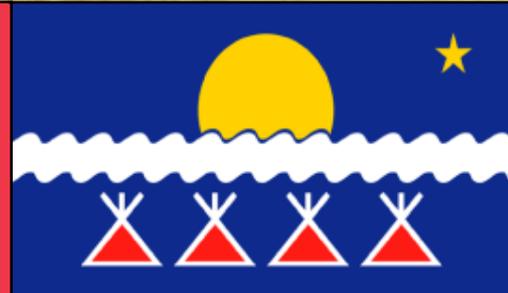


Tłıchǫ and Caribou

Presentation for MVEIRB: Fortune Minerals
Public Hearing
MVEIRB EA0809-004

August 30, 2012
Behchokò



Tł̥ch̥o and Ekwo, Culture, Language and Way of Life



An Evolving Relationship and Shared History



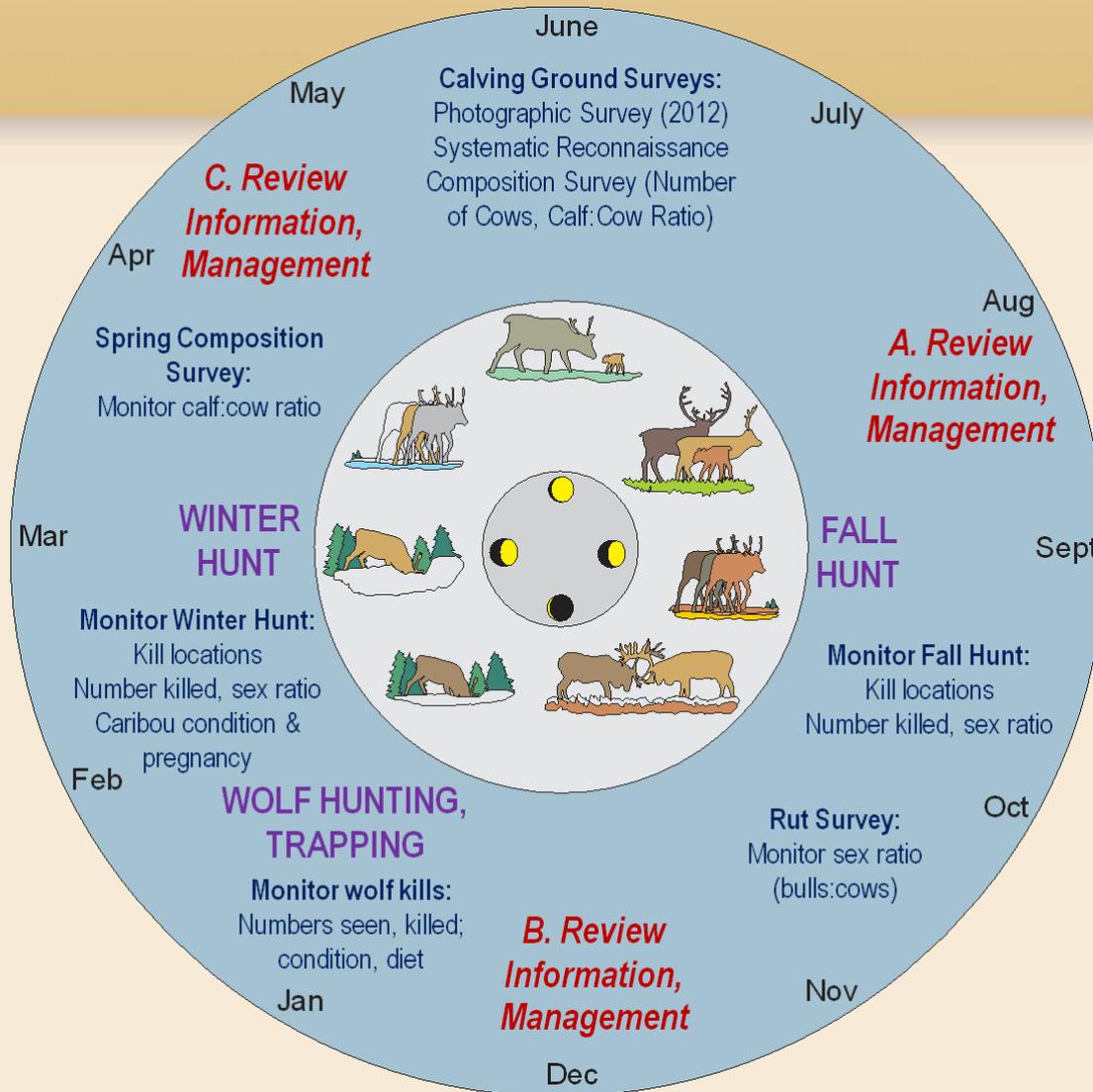
Photos Courtesy of Tessa Macintosh

Outline



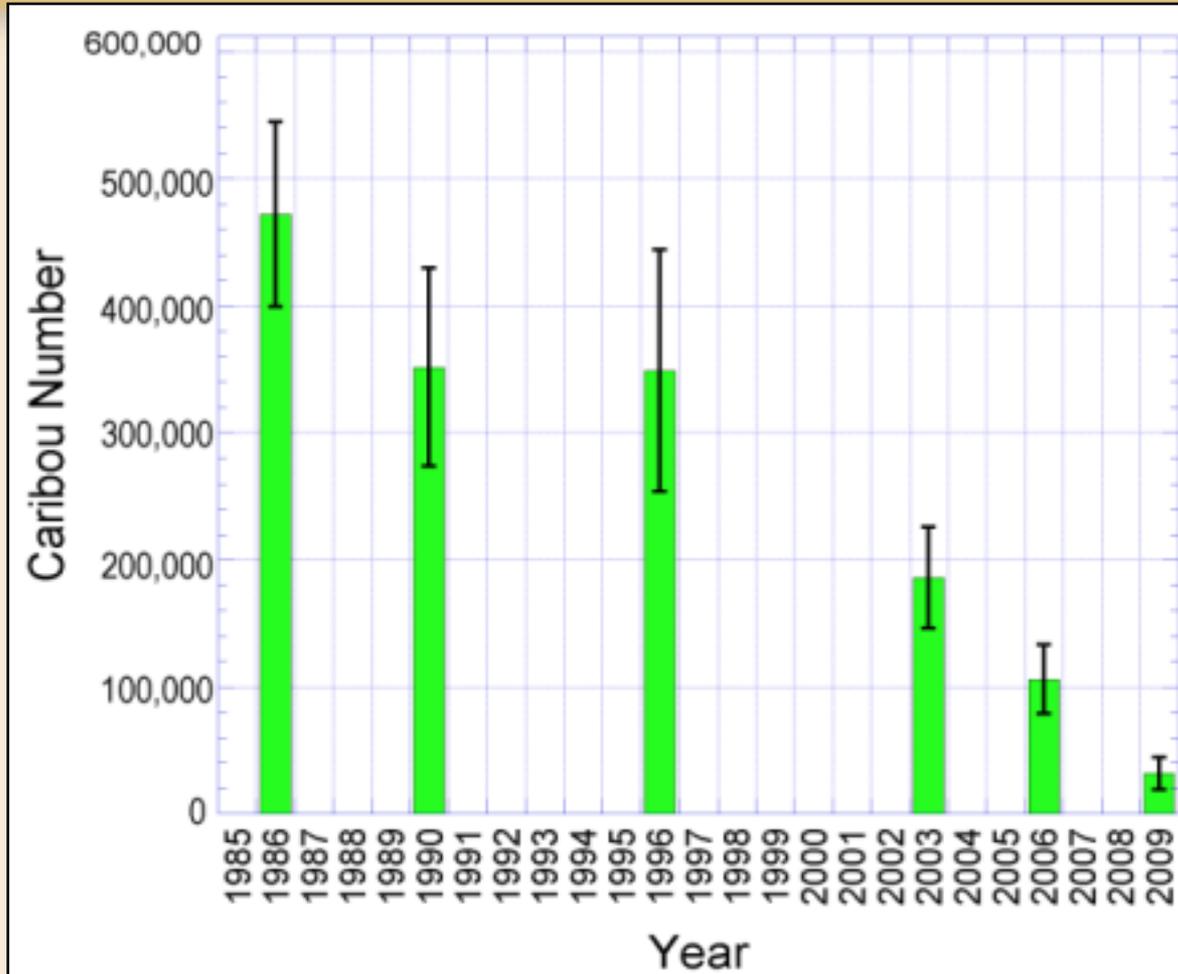
- Tłıchǫ and Ekwo, Culture, Language and Way of Life
- The Context: Caribou Management Today
- The Issues:
 - Todzi (Boreal Caribou)
 - Ekwo (Barren-ground Caribou)
 - Increased Access – Cumulative Impacts
- Recommended Measures

Caribou Management Today



Bathurst Caribou Decline

ENR Caribou Population Estimates 1985-2009



Boreal Caribou (Todzi)



Issue: Will this proposed development impact Boreal Caribou?

Tłıchǫ Conclusion:

- Boreal caribou use the area based on Tłıchǫ TK study
- No reliable scientific data
- Absent this, this proposed mine will affect this AT RISK species.

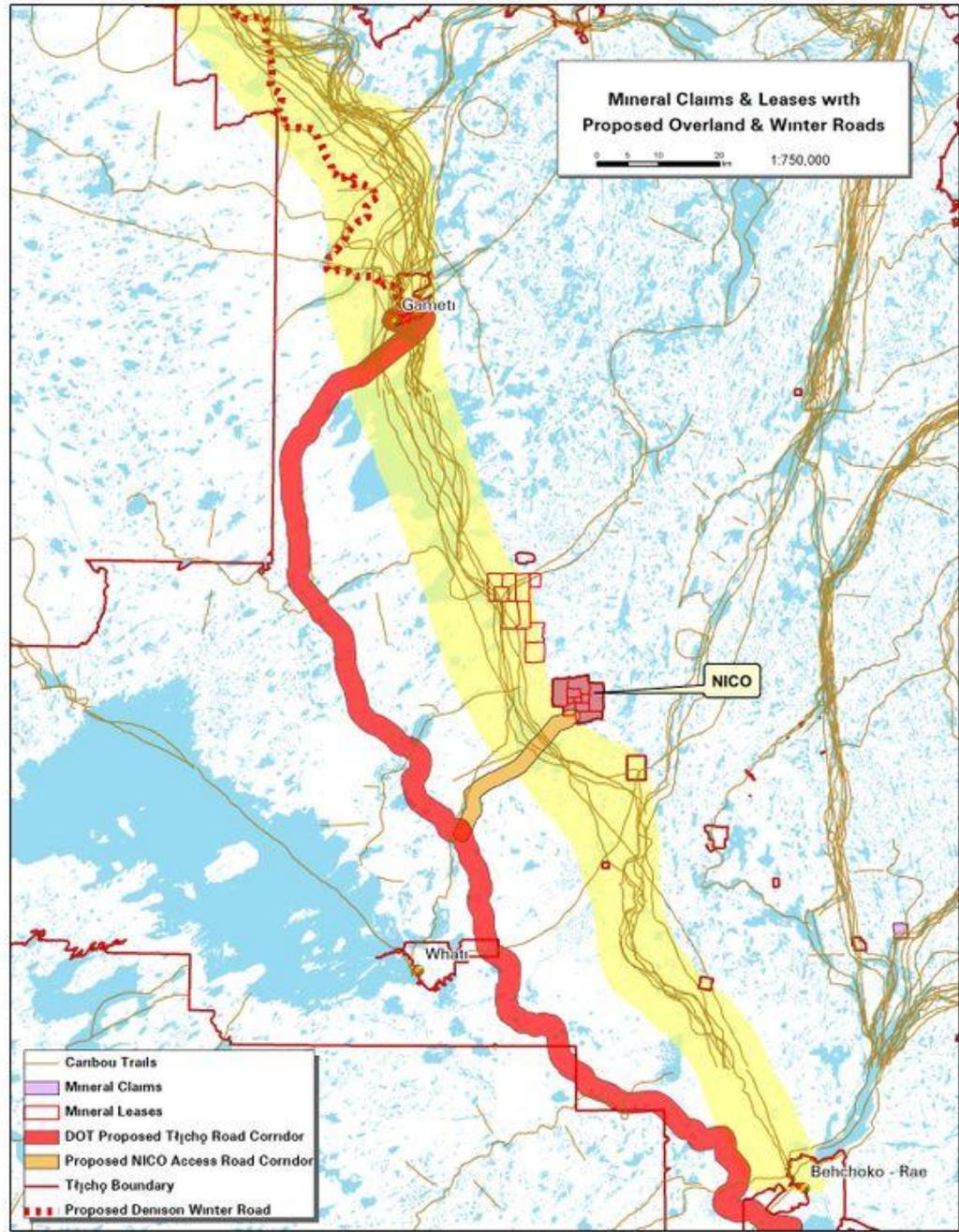
Barren-ground Caribou (Ekwo)



Issue: Will the proposed development (mine & all-season access road) affect barren-ground caribou?

Tłıchǫ Conclusion: This area is an important traditional area for caribou harvesting and a migration corridor within the winter range. The development will affect:

- distribution of caribou on winter range
- migratory movements of caribou on winter range
- winter habitat use through direct influence of mine footprint and associated Zone of Influence (ZOI)
- Tłıchǫ hunters through loss of use and traditional hunting area
- Bathurst and Blue Nose East herd through cumulative impacts



Tłı̄chǫ Ndek'awoo



Tłı̄chǫ Government

Reported Tlicho caribou harvesting sites and caribou habitat areas within the RSA and LSA



Tlicho Government

1:475,000



Legend

- Caribou habitat areas
- Caribou harvesting sites
- Regional study area (RSA)
- Local study area (LSA)
- Project footprint (250m)
- Project footprint
- Proposed NICO project access road (Nov-10)

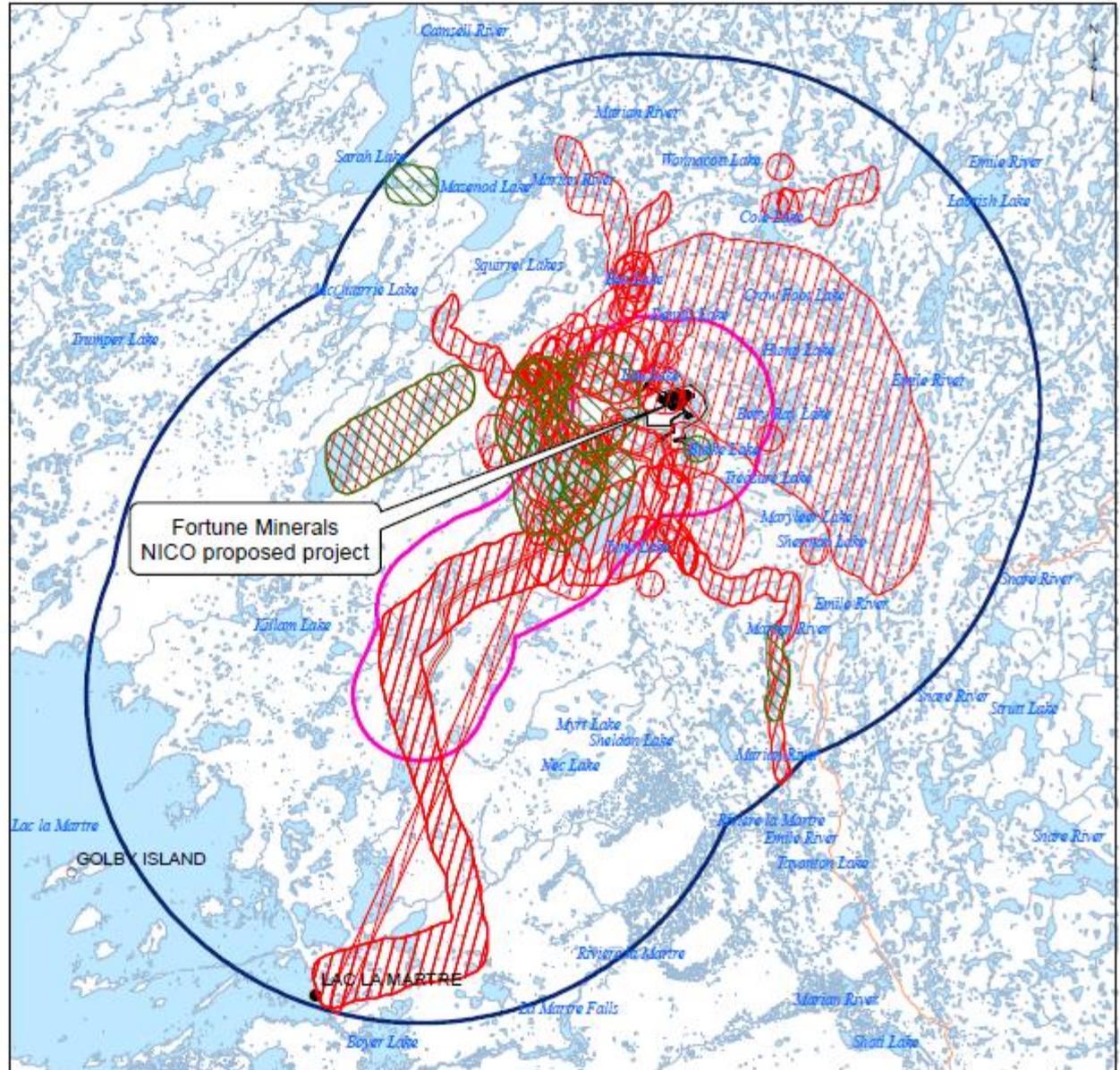
To account for margin of error and protect confidentiality of locations, all reported use value point locations are randomized by 250 metres and are shown with a 1 kilometre buffer. All reported lines and polygons are shown with a 1 kilometre buffer. Absence of site-specific data does not indicate absence of interest or use.

Map produced by Steven Deffoy of the Firelight Group on Wednesday, August 22, 2012.

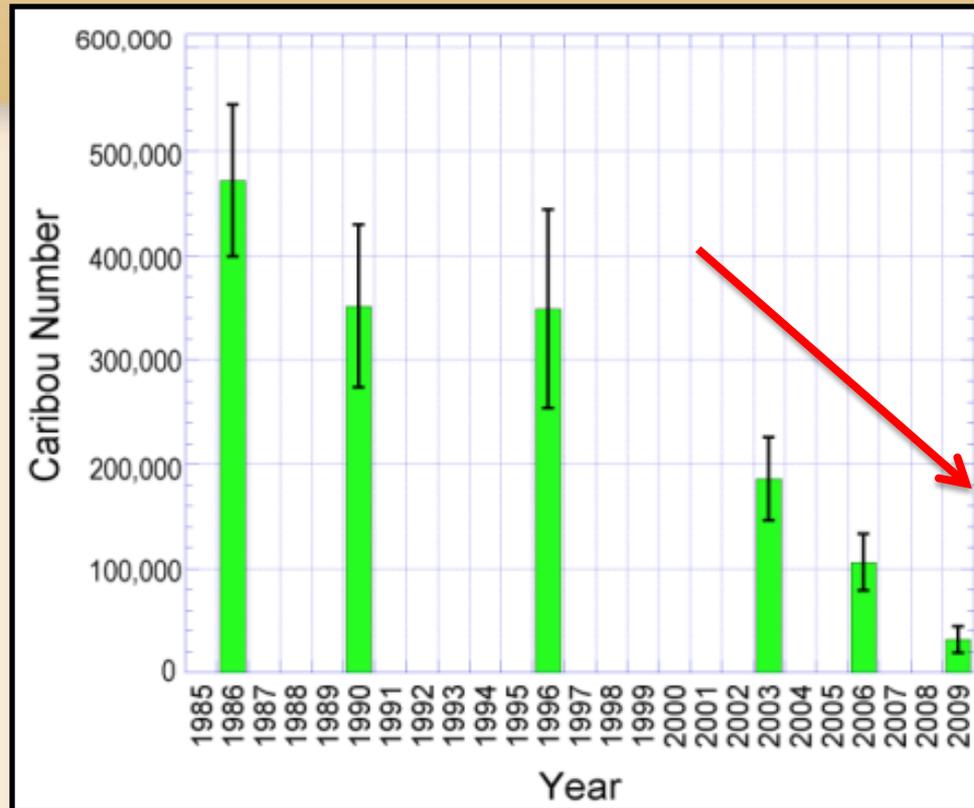


Base map data originates from the Tlicho Government, the National Topographic System, Geobase, and Geogratis (Natural Resources Canada). Map projected to UTM, Zone 11, NAD 83.

This map does not capture the complexity of the Tlicho Government's relationship to their traditional lands or the extent of the practice of treaty and aboriginal rights. This map is a living document and is intended to be amended and refined over time. The data used to produce this map originates from multiple sources. This map is property of the Tlicho Government and may only be reproduced with written permission.



Value of TK as Baseline Data



1940

Tłicho TK Study

2006

1996 → 2006 → 2010
Developer's Baseline Data

Increased Access

Issue:

- Potential to Delay the Recovery of Bathurst Caribou Herd;
- Potential to increase harvest of Bluenose East Herd.

Tłı̨chǫ Conclusion: this project will significantly increase access to both herds and may have **SIGNIFICANT ENVIRONMENTAL AND SOCIAL IMPACTS**

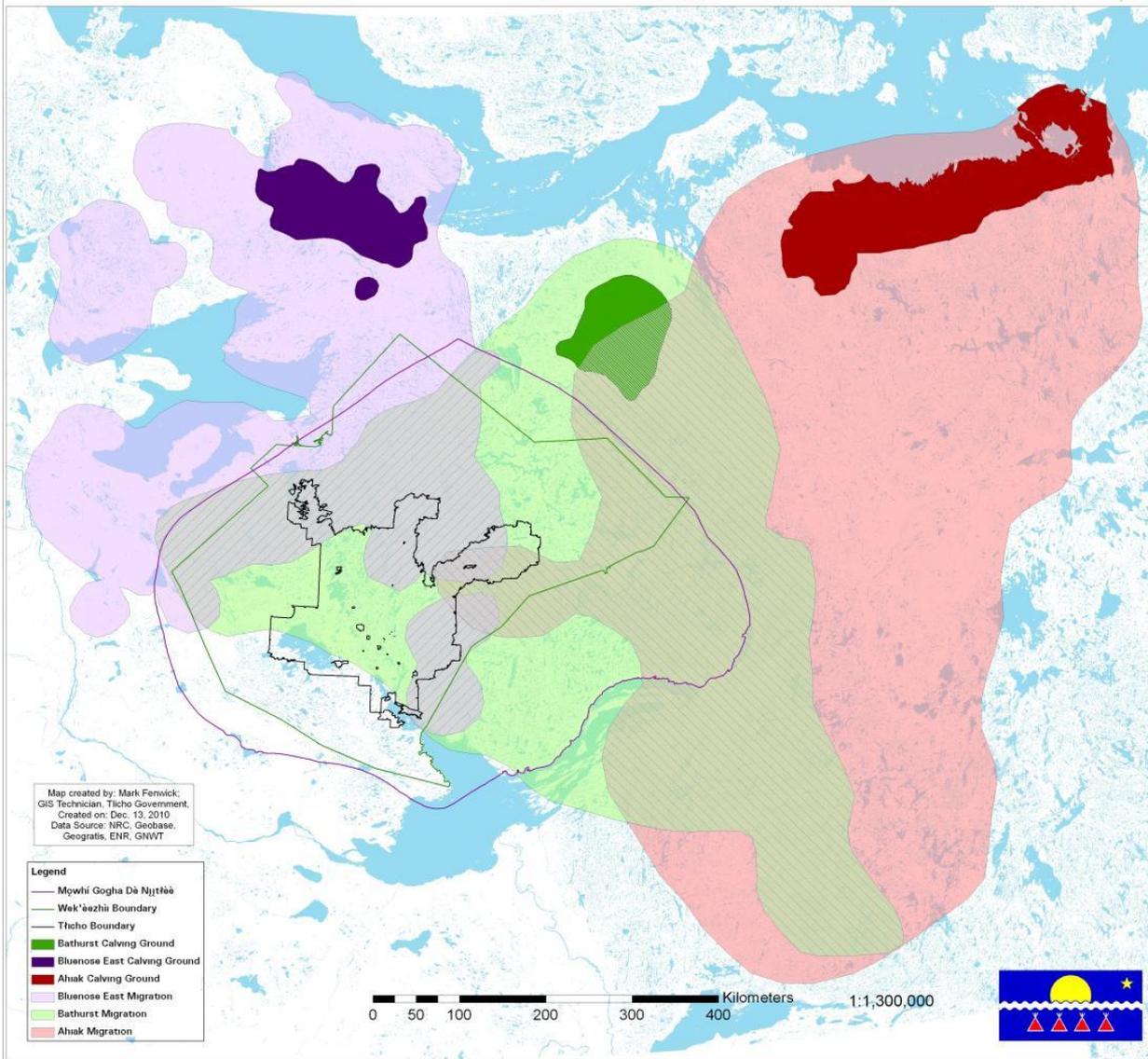
Bluenose East, Bathurst, and Ahiak Calving Grounds, and Migration Ranges



Tłı̨chǫ Ndek'awoo



Tłı̨chǫ Government



Recommended Measures



- 1) Proponent to test for direct and indirect effects (i.e., ZOI) of mine and associated road in WEMP by using science and TK to monitor distribution, abundance and behavior of Todzi and Ekwo.
- 2) Through discussion with TG, other Aboriginal groups, ENR, & WRRB, Proponent will develop and implement a monitoring program that will contribute to better mitigation and understanding of cumulative effects to caribou

Recommended Measures: WEMP



Issue: Conceptual and limited info; too much left up to permitting phase.

- 3) Recommendation for Measures: Proponent will develop WEMP PRIOR to permitting process in a collaborative manner involving the Parties and to be approved and supported by all parties. NOT just in one day workshop, but in a meaningful manner that incorporates Traditional knowledge and science EQUALLY;
- Include funding to incorporate TK for life of project;
 - Include best practices;
 - ENFORCEABLE;
 - Requirement before permitting;
 - WEMP to follow Adaptive Management Principles

Recommended Measures: Independent Watchdog



Issue: Fortune Minerals has rejected an oversight body

- 4) Recommended Measures: An independent watchdog is required to monitor the data collected and consequent adaptive management actions
- 5) Financial commitment to Tłıchǫ wildlife and water monitoring program – on and off site including monitoring access and harvest.

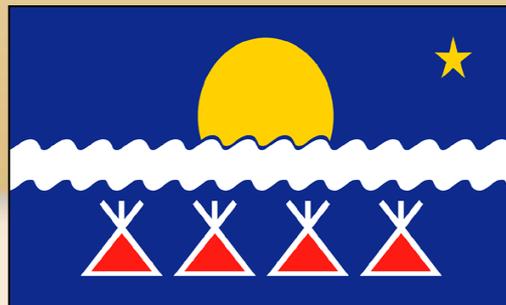
Summary

- Tłıchǫ Government has made recommendations for 5 measures related to caribou to be included in the report of EA
- We require these measures to be addressed

Tłichq Ndek'awoo



Tłichq Government



MAHSI CHO!

