



**Government of the Northwest Territories  
Day 3 Technical Hearing Presentation  
for the Canadian Zinc  
Prairie Creek All Season Road EA1415-01**

Government of  
Northwest Territories

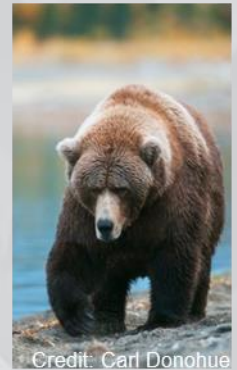
# GNWT hearing presentation

- **Day 3 technical hearing – Wildlife/harvesting, archaeological recommendation, socio-economic considerations**
  - Recommendation number ordering is from GNWT technical report



# Wildlife impact assessment

- Focus on territorially managed species
- Resolved issues
- General agreement with Canadian Zinc's conclusions on most issues
- Effects monitoring will be key



# Harvest

## GNWT Recommendation #4

### GNWT conclusion:

- The risk of substantial increased harvest mortality is low

### GNWT recommendation:

- Harvest monitoring is necessary to measure impacts
- Canadian Zinc support Nahanni Butte Dene Band to develop a harvest monitoring program



# Wildlife-vehicle collisions

## GNWT Recommendation #5

### Canadian Zinc conclusion:

- There are no identified wildlife sensitive areas proximal to the road or known high collision risk locations.

### GNWT recommendation:

- To minimize collision risk and test predictions, a more formalized approach to identifying areas of high collision risk is necessary.





# Collared Pika

## GNWT Recommendation #6

### GNWT conclusion:

- Added mitigations proposed by Canadian Zinc reduce the risk of significant impacts to Collared Pika.

### GNWT recommendation:

- Canadian Zinc conducts long-term monitoring of Collared Pika abundance and patch occupancy in talus habits within 300m of the road.



# Boreal Caribou

## GNWT conclusions:

### New disturbance from the Project

- Is greater than Canadian Zinc acknowledges; BUT
- Does not cause the NT1 range to fall below the 65% threshold identified in the federal recovery strategy
- Is unlikely to lead to or accelerate declines of boreal caribou in the southern portion of their range

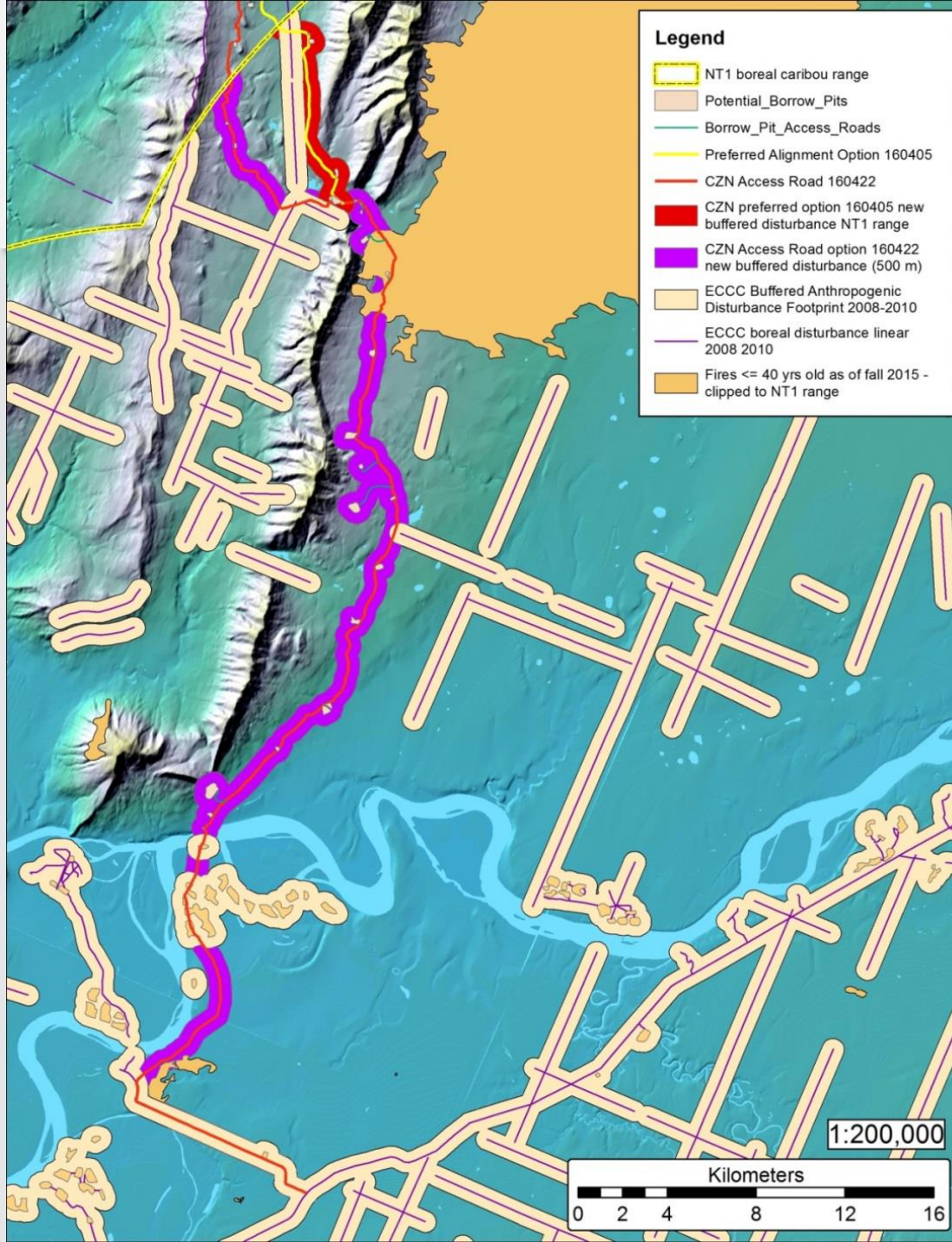


Photo credit: John Nagy





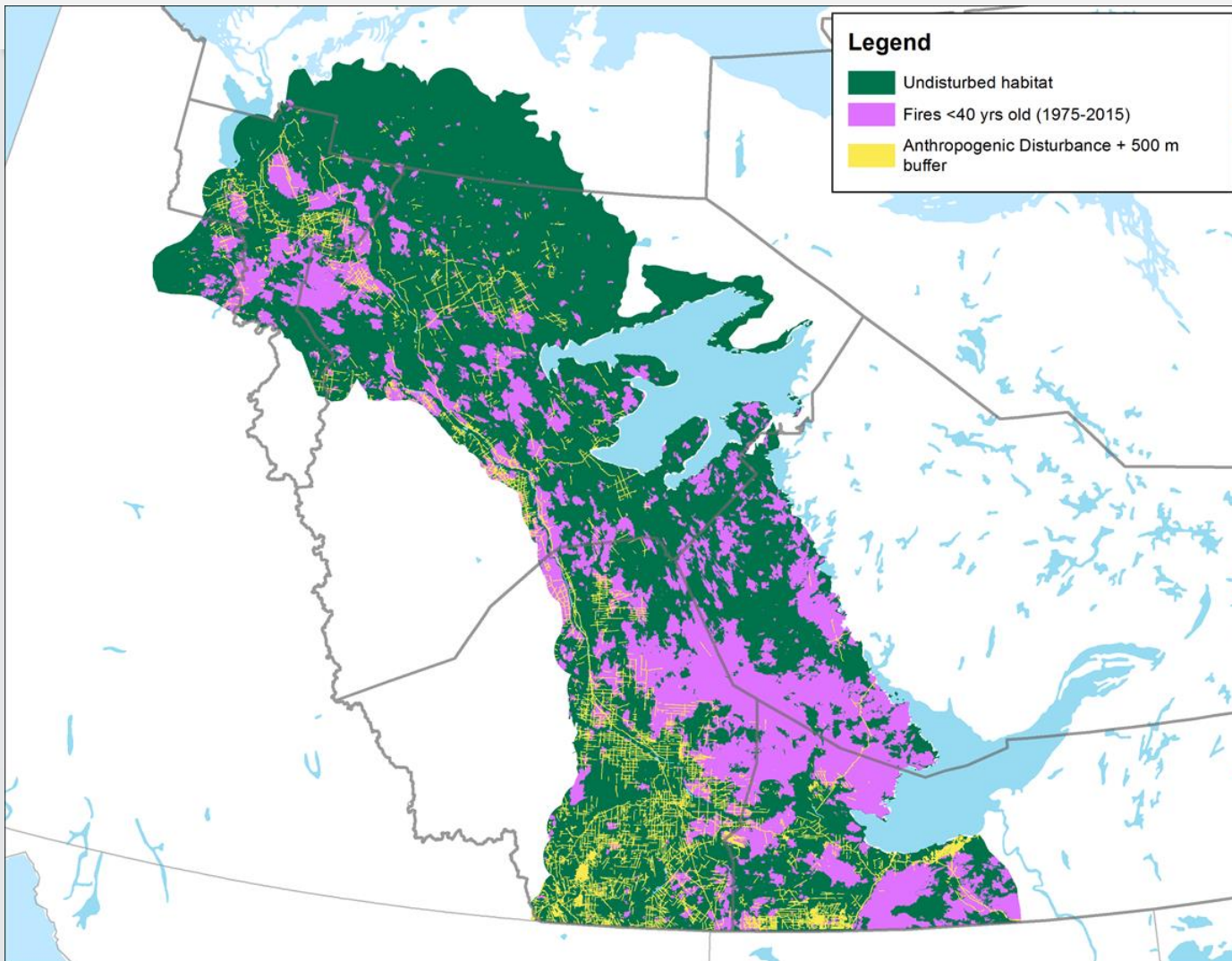
# New disturbance



- GNWT  
calculation:
- 5590 ha of new buffered disturbance



# Range condition as of fall 2015



- **Undisturbed Habitat =**
- Areas that have not burned in past 40 years
- Areas that are >500 m from human disturbance footprint



# Boreal Caribou

## GNWT Recommendation #7, #8

### GNWT conclusion:

Project unlikely to cause or contribute to declines.

- Periphery of range
- Population density likely low

### GNWT recommendation:

- Canadian Zinc conduct a trail camera study to confirm presence of boreal caribou and evaluate the need for further monitoring of boreal caribou in this area.
- Ensure all mitigations Canadian Zinc has committed to are included in the WMMP



# Key GNWT wildlife conclusion

Significant adverse impacts to wildlife reviewed by GNWT are not likely, but predictions related to key impacts need to be tested.



# Protection of archaeological sites

## GNWT Recommendation #3

The GNWT, under the *Archaeological Sites Act* and the *Archaeological Sites Regulations*, provides for the protection, care and preservation of sites, works, objects and specimens in the NWT.

- Based on the available evidence, GNWT concludes that significant adverse impacts on archaeological sites are not likely.
- Due to the realignment of the proposed project footprint, some areas require further examination. As per the normal process, the GNWT recommends that Canadian Zinc conduct a preconstruction Archaeological Impact Assessment (AIA) to fully assess potential impacts to archaeological sites from the development.





# Socio-Economic considerations

- The GNWT has not identified any likely significant adverse impacts from the Prairie Creek Mine Project
- The Prairie Creek Mine Project SEA was signed during the EA for the Prairie Creek Mine.
- Both the GNWT and Canadian Zinc have agreed that the Prairie Creek Mine Project SEA should apply to the All Season Road Project.
- Both GNWT and Canadian Zinc are committed to continuing to work collaboratively to ensure that commitments in the Socio-Economic Agreement are achieved.





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