

1. Consultation Process
2. Info-sharing
3. Forest Industry Changes in Amakis Ktunaxa
 - a) Forest Landscape Planning
4. Cultural Conservation Value Initiative
5. Wildfire 2024
6. Round Table

THE POWER OF COMMUNICATION



FOREST LANDSCAPE PLANNING

Modernization of Forestry

- Timber Supply Analysis
- Need for Ktunaxa input on Ktunaxa cultural practices and values.

Akisqnuk Lands Department

- Planning for 7 generations.
- Providing input on Ktunaxa cultural practices and values, and how to apply and mitigate for them to local Regional and BC Provincial Lands and Resource bodies.

Resource Benefit Sharing Agreements

Atmospheric Benefit Sharing

- Cash for Carbon
 - 80% of the annually calculated atmospheric benefits produced in the previous calendar year goes to Indigenous Nations

<https://www2.gov.bc.ca/gov/content/environment/natural-resource-stewardship/consulting-with-first-nations/first-nations-negotiations/atmospheric-benefit-sharing-agreements>

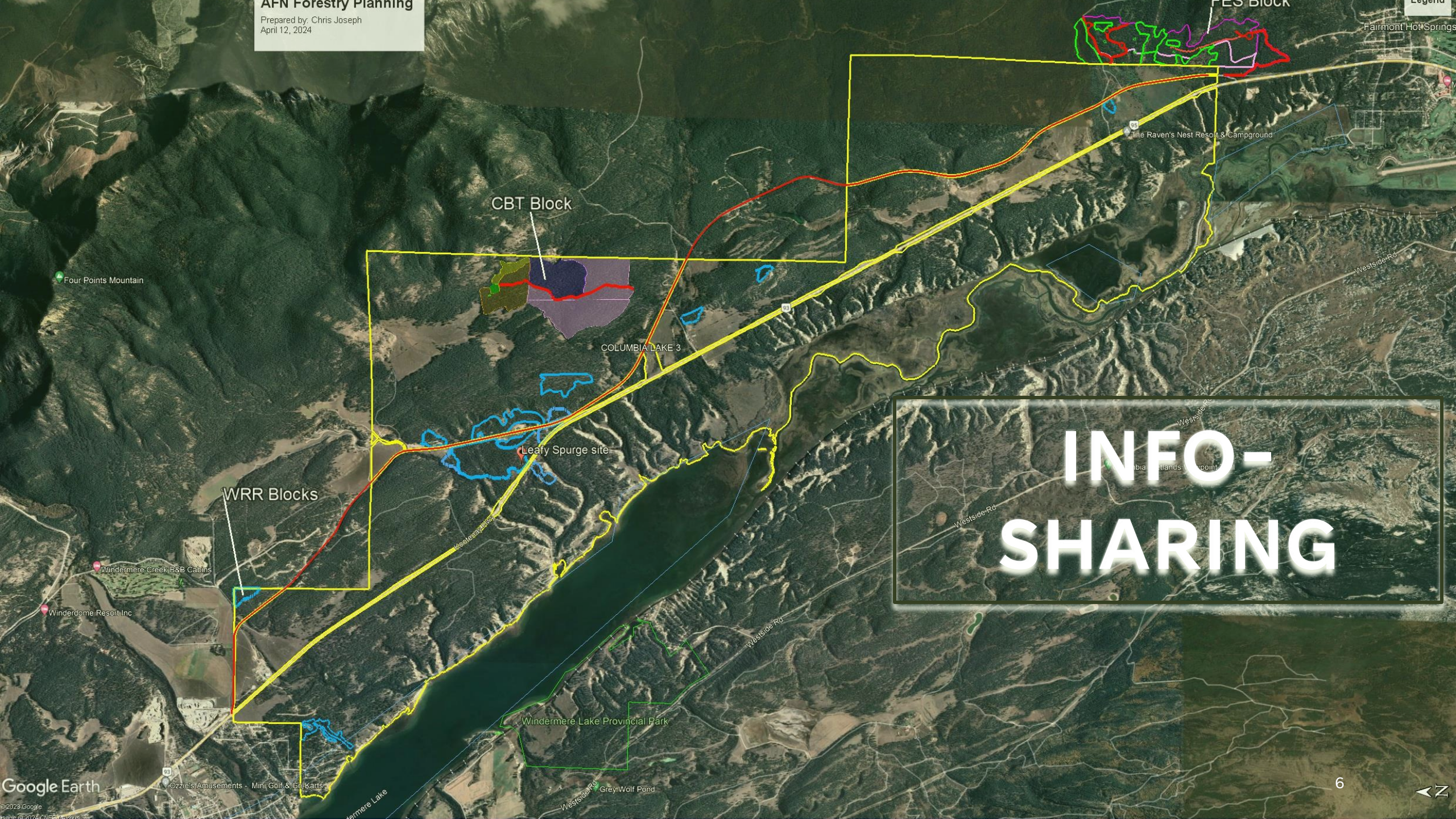
The screenshot shows the British Columbia Government website. The header includes the BC logo and a search bar. The main content area is titled "Atmospheric Benefit Sharing Agreements". It explains that these agreements enable First Nations to sell carbon credits and that 80% of the benefits go to them. It also mentions the Forest Carbon Offset Protocol (FCOP). A list of First Nations with agreements is provided, including Coast First Nations (2015), Gitga'at First Nation, Heiltsuk Nation, Kitasoo Indian Band, Metlakatla First Nation, Nuxalk Nation, Wuikinuxv Nation, Haisla Nation (2011), Gwa'sala-Nakwaxda'xw Nations (2018), Kitselas First Nation (2018), and Haida Nation (2018). A button at the bottom says "Check out our new site".

Forestry Revenue Sharing

- Cash for Logging
 - 8% - 10% of stumpage revenue goes to Indigenous Nations
 - This value was doubled in April 2022

<https://www2.gov.bc.ca/gov/content/environment/natural-resource-stewardship/consulting-with-first-nations/first-nations-negotiations>

The screenshot shows the British Columbia Government website. The header includes the BC logo and a search bar. The main content area is titled "Forest Consultation and Revenue Sharing Agreements". It explains that these agreements provide First Nations communities with economic benefits from logging. It lists several First Nations with agreements, including Adams Lake Indian Band (2021), Ashcroft Indian Band (2014), Ahousait First Nation (2014), Bonaparte Indian Band (2019), Boston Bar First Nation (2021), Canim Lake Band (2018), Cape Mudge Indian Band (We Wai Kai First Nation) (2018), Carrier Sekani Tribal Council (2021), and Chawathil First Nation (2021). A button at the bottom says "Check out our new site".



INFO-SHARING

Available Resources

- Copernicus Browser – Live Satellite Imagery with various filters.
<https://browser.dataspace.copernicus.eu>
- iMapBC – Mapping of BC Regulated Lands
<https://maps.gov.bc.ca/ess/hm/imap4m/>
- Google Earth – Recent Satellite Imagery
- BC Forest Map – Upcoming Forestry Activities
<http://bcforestmap.com/#8.984740216464495/50.136173081795505/-116.05230572885476>



CULTURAL CONSERVATION VALUES INITIATIVE

**COMMUNICATION HUB BETWEEN
KTUNAXA AND DEVELOPERS**

**PREWORK ASSESSMENTS AND
CULTURAL PRACTICES**

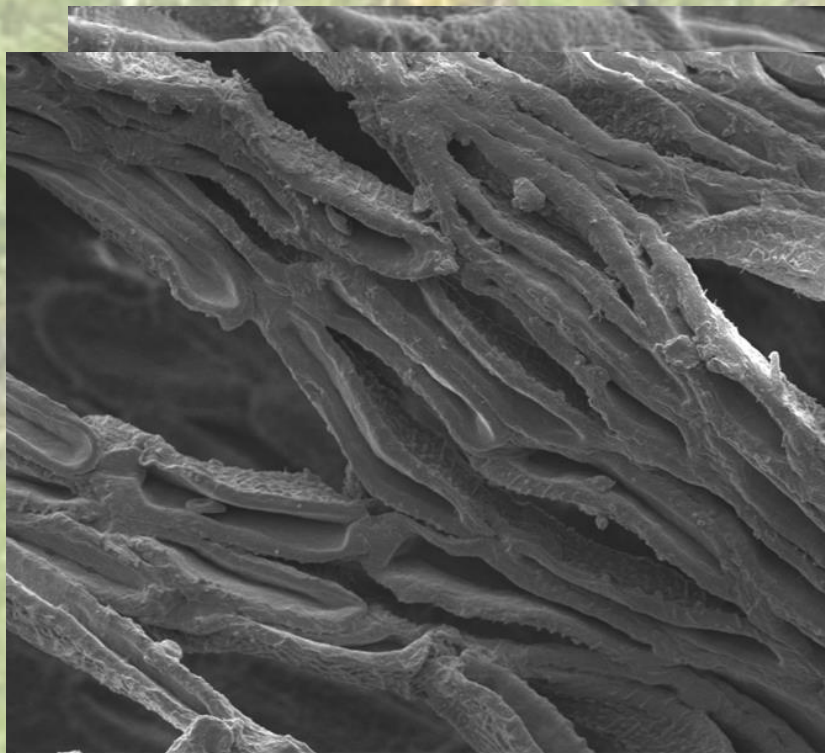
**BUILDING CAPACITY THROUGH
CULTURAL EXPERIENCES**

Culturally Modified Trees



Juniper Rust on Squmu (Saskatoon Berries)



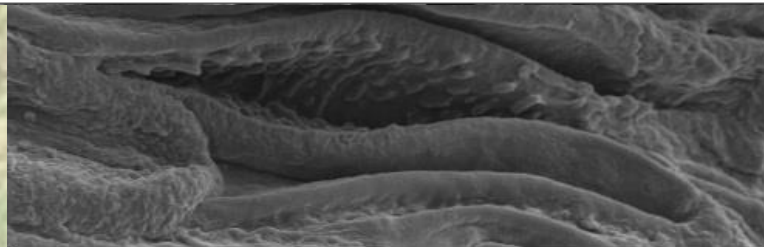


10 µm

EHT = 5.00 kV
WD = 14.6 mm

Signal A = SE2
Mag = 685 X

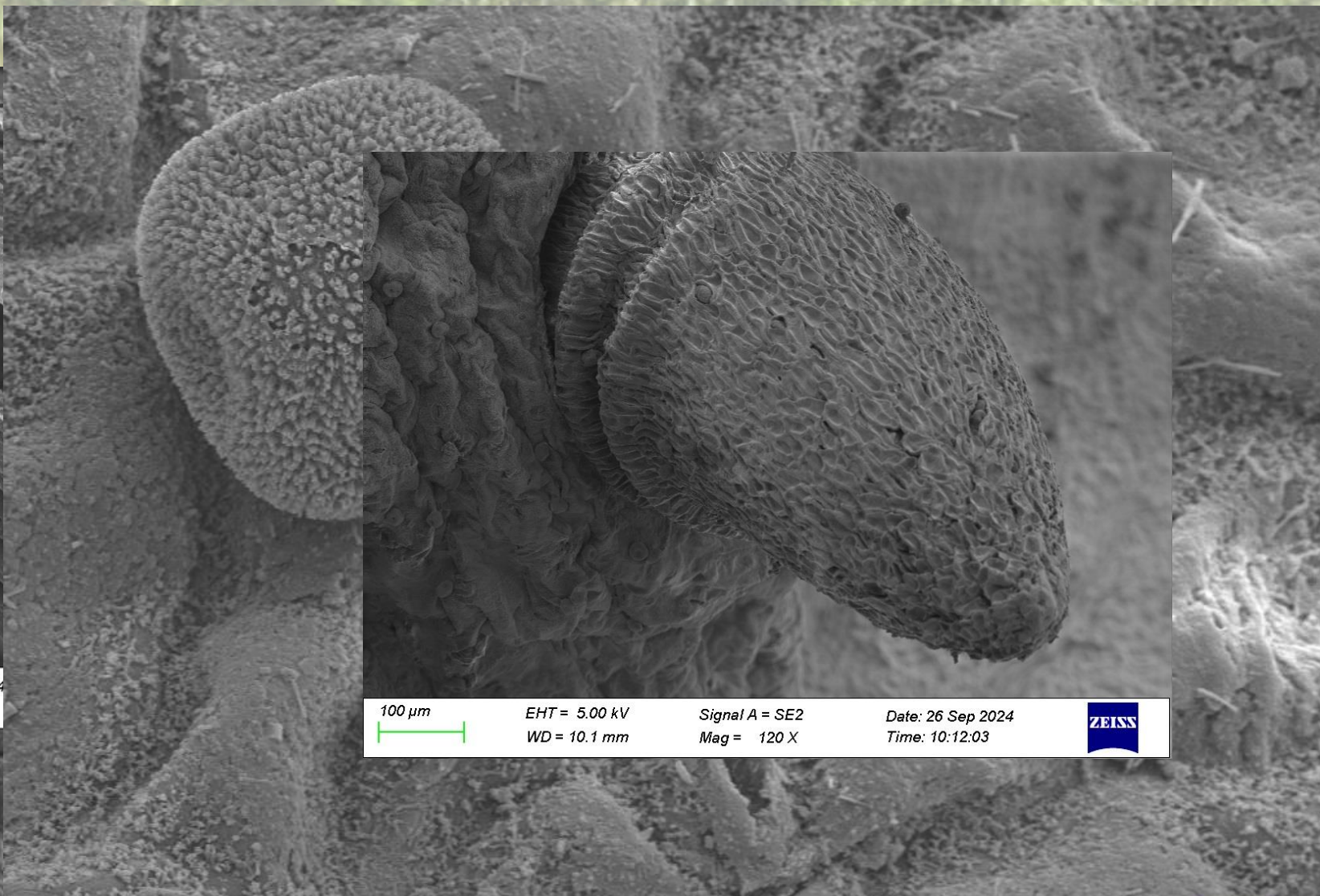
Date: 26 Sep 2024
Time: 10:17:33



10 µm

EHT = 5.00 kV
WD = 11.2 mm

Signal A = SE2
Mag =



100 µm

EHT = 5.00 kV
WD = 10.1 mm

Signal A = SE2
Mag = 120 X

Date: 26 Sep 2024
Time: 10:12:03



5 µm

EHT = 5.00 kV
WD = 15.3 mm

Signal A = SE2
Mag = 1.86 K X

Date: 26 Sep 2024
Time: 10:22:20



Naxni



Existing Habitat Protections

Parks and Protected Areas: National & Provincial Parks

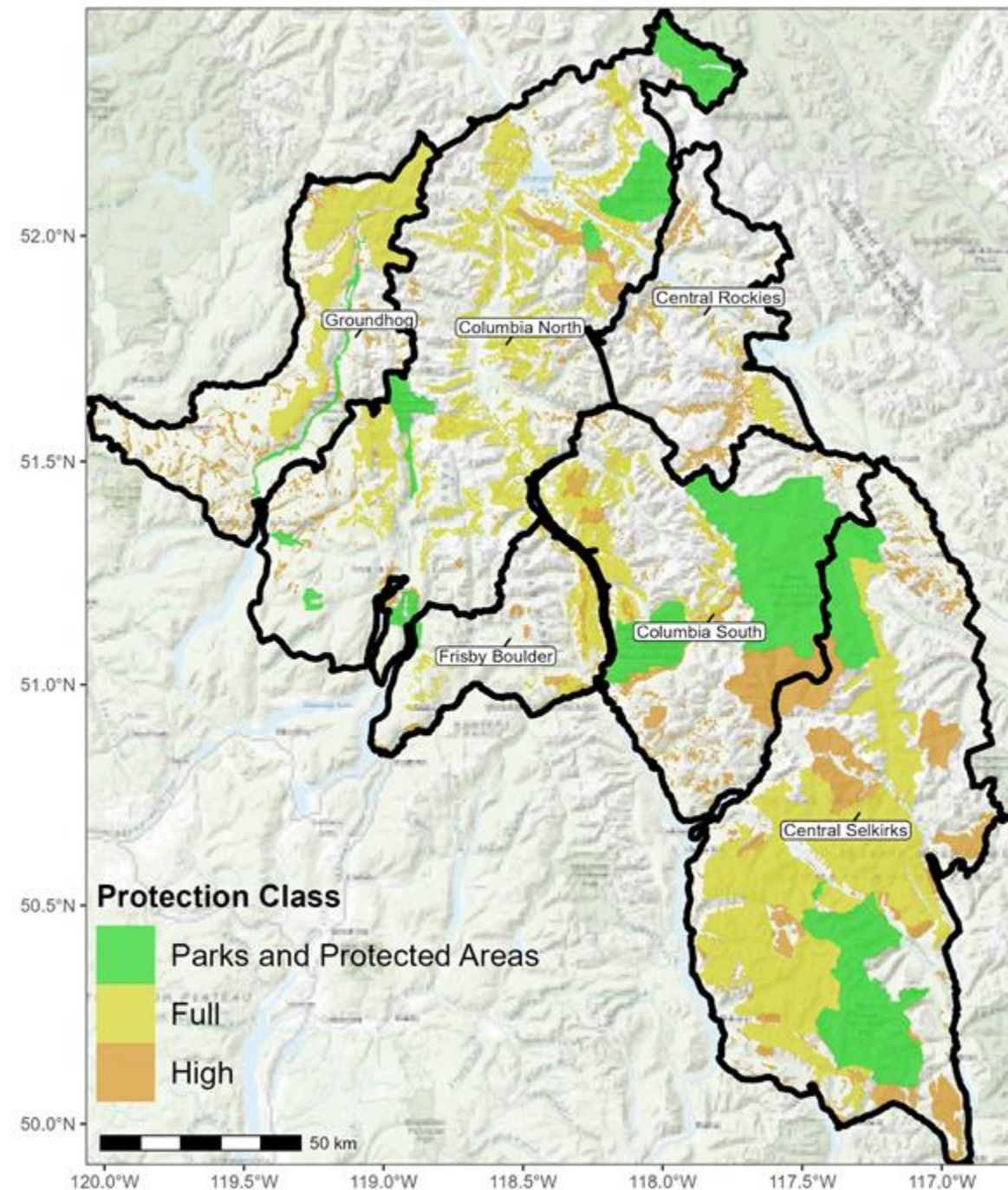
- Highest level of protection

Full: No forestry permitted

- Ungulate Winter Range (GAR)

High: 98% protection, only up to 2% harvest.

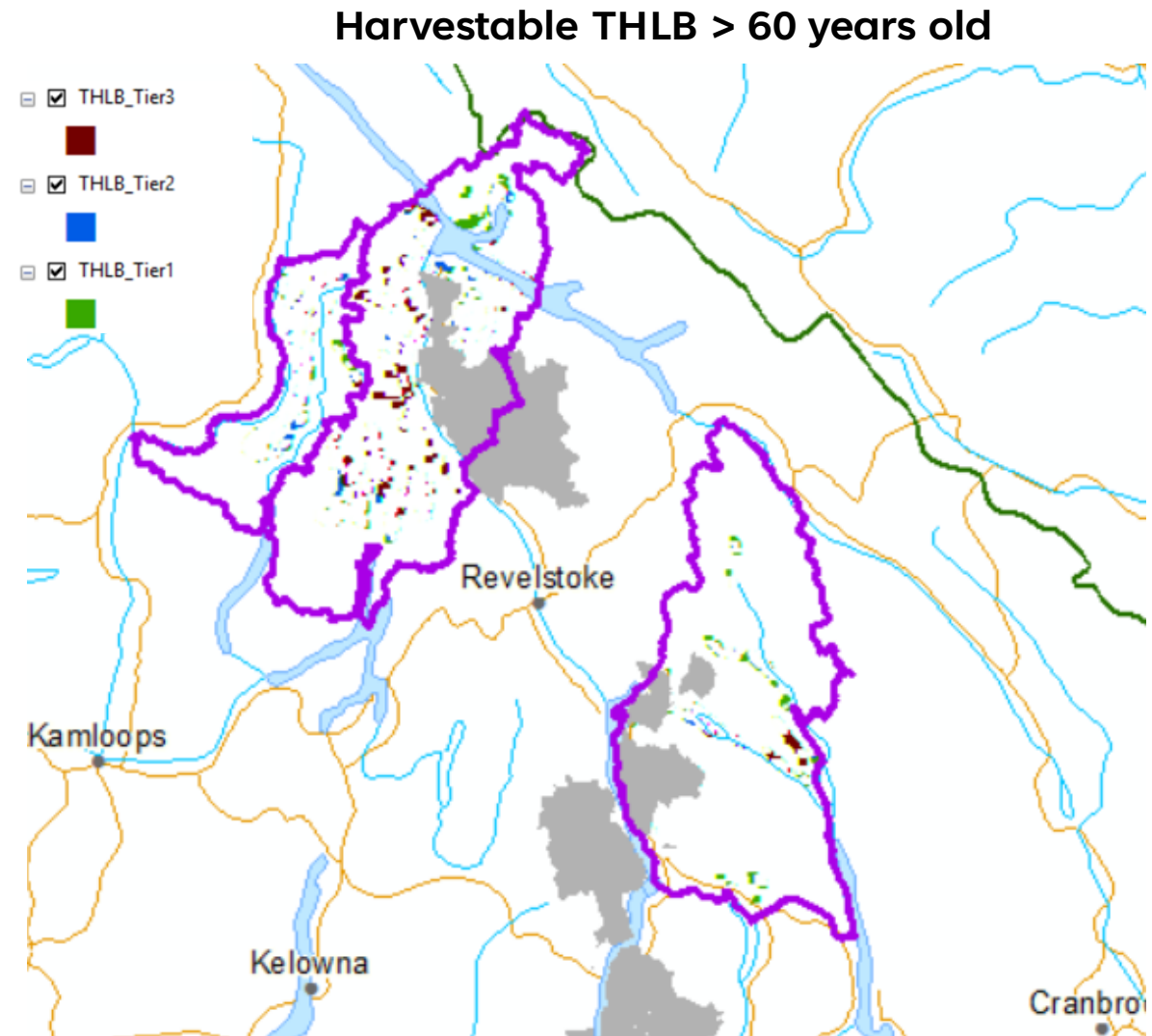
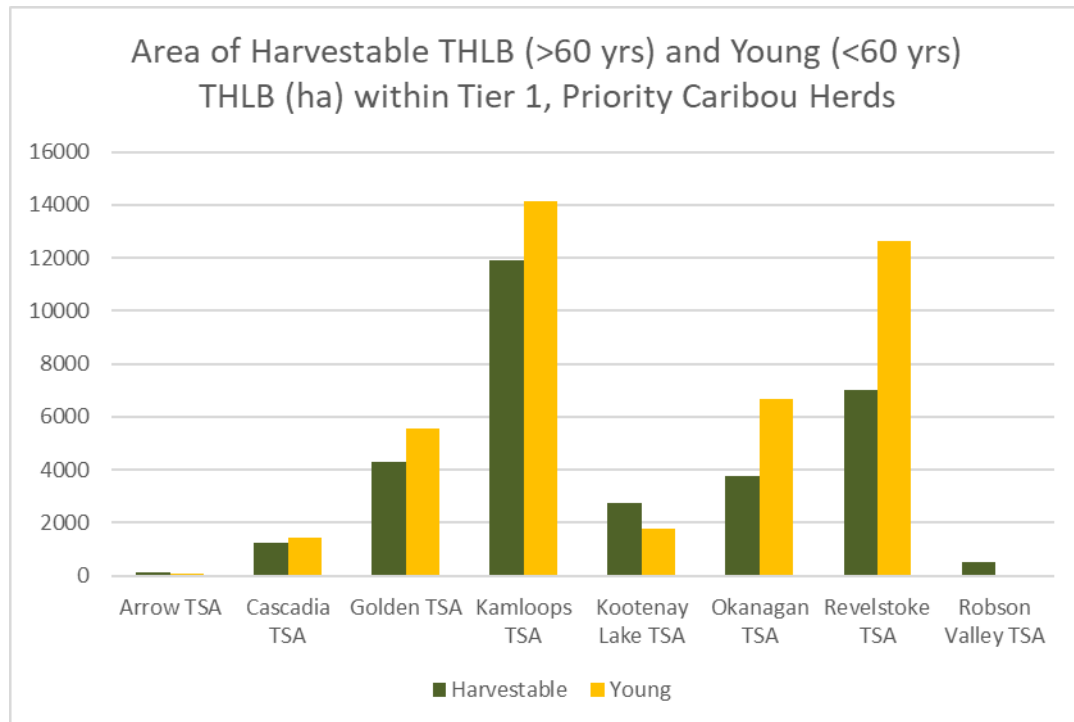
- Old Growth Management Areas



Harvestable THLB within Caribou Protection

Scenarios

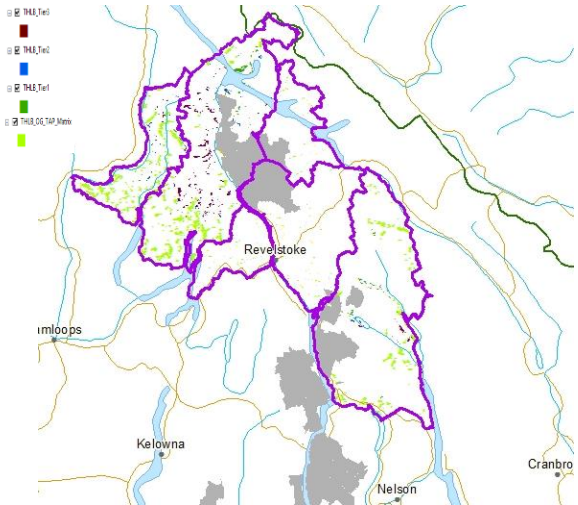
- Avoided harvest = Areas that would otherwise get logged in the next ~ 25 years
 - Harvestable (> 60 yrs old) THLB is 43% of total THLB (Tier 1)
 - Drops to 38% in Tier 3
 - In Revelstoke, 35% of the THLB in Tier 1 is of harvestable age



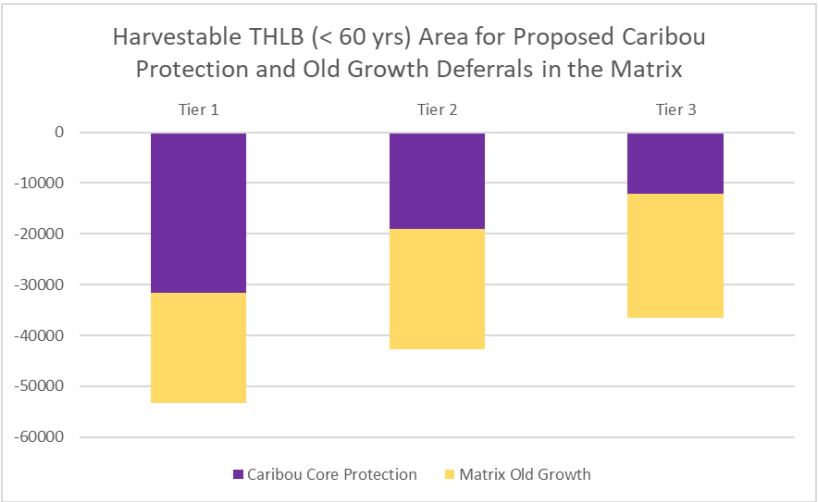
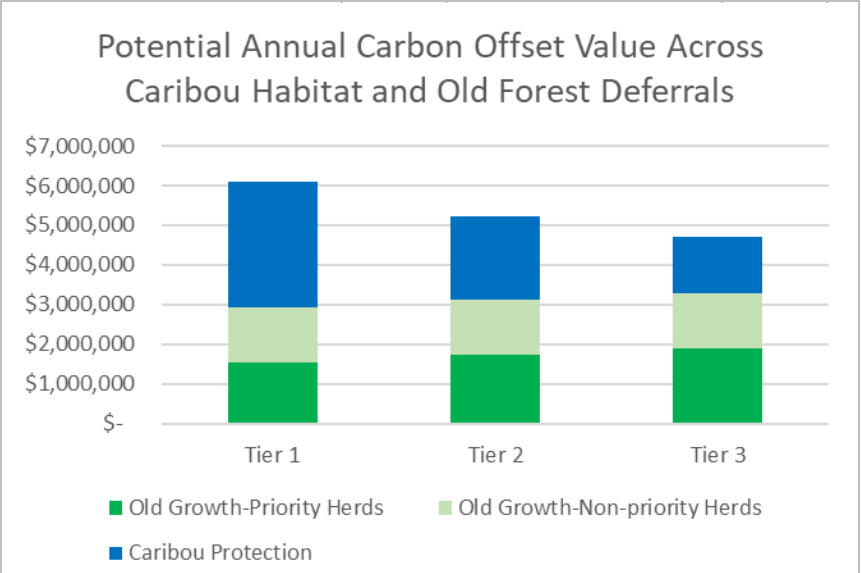
Combined – Carbon Potential across Caribou Protection and Matrix Old Growth

Harvestable THLB (>60 yrs)

- Caribou Protection Scenarios
- Old Growth deferral polygons as one scenario
 - OG in Matrix areas and non-priority herds is ~ \$3mil/yr
- Combined Caribou + OG
 - ~ \$4.7mil/yr (Tier 3) to \$6.1mil/yr (Tier 1)
 - @ \$15/tCO2e
 - More carbon offset potential in OG than in Tier 2 or Tier 3 protection areas
- Total value, over 25 years, using the social cost of carbon could range from:
 - \$1.2 billion (Tier 3) to \$1.6 billion (Tier 1)



CAUTION: These are estimates of the carbon that is potentially available for sale. Actual revenue depends on finding a buyer and selling offset credits.

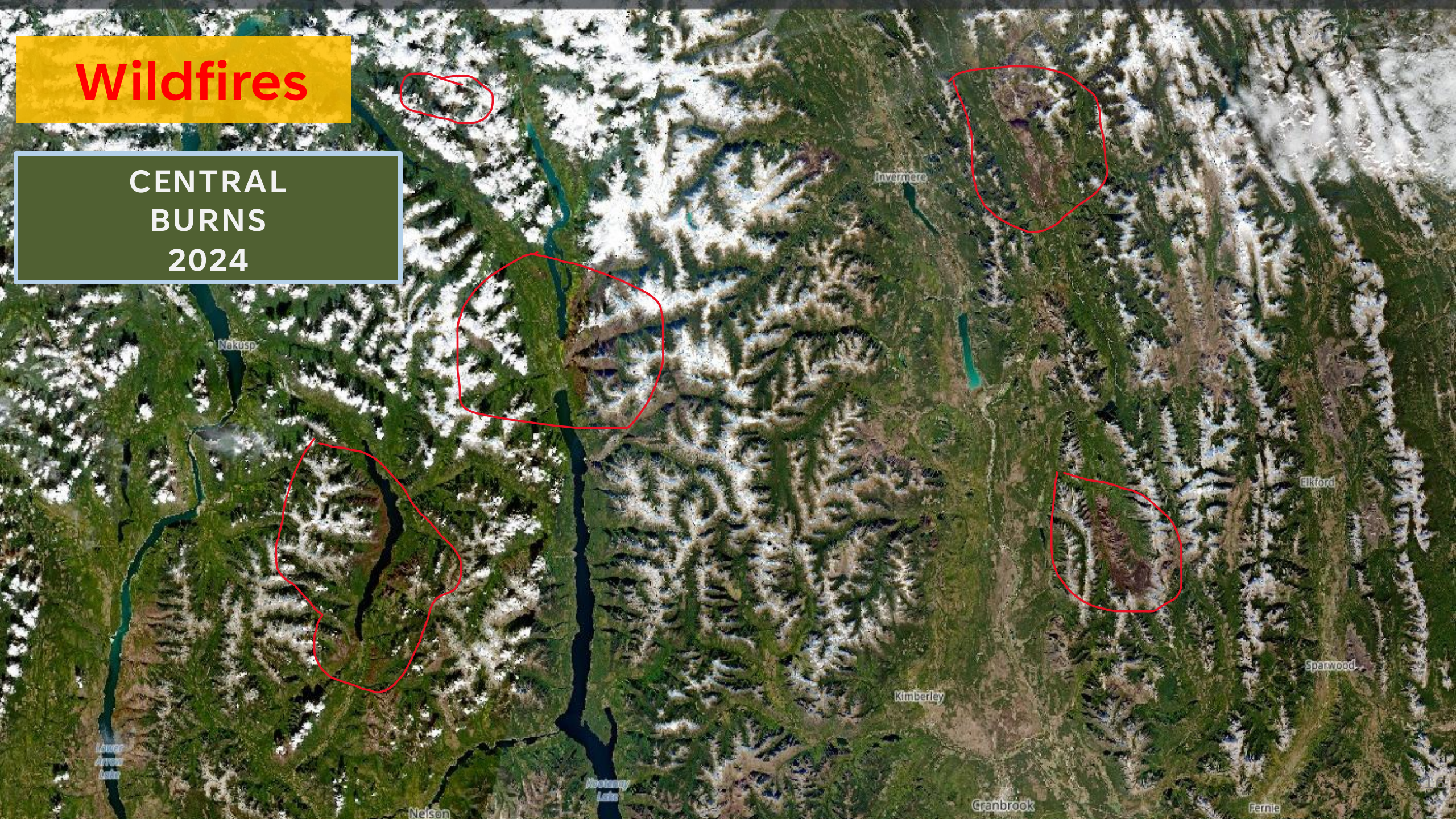


Pricing	Scenario	Potenial Annual Carbon Offset Value (Millions)	Potenial 25yr Carbon Offset Value (Millions)
Carbon Value \$15/t	Tier 1	\$ 6.1	\$ 153
	Tier 2	\$ 5.2	\$ 130
	Tier 3	\$ 4.7	\$ 118
Carbon Value \$12/t	Tier 1	\$ 4.9	\$ 122
	Tier 2	\$ 4.2	\$ 104
	Tier 3	\$ 3.8	\$ 94
Carbon Value \$25/t	Tier 1	\$ 10.2	\$ 255
	Tier 2	\$ 8.7	\$ 217
	Tier 3	\$ 7.8	\$ 196
Carbon Value --> \$170/t	Tier 1	\$ 62	\$ 1,558
	Tier 2	\$ 53	\$ 1,329
	Tier 3	\$ 48	\$ 1,199

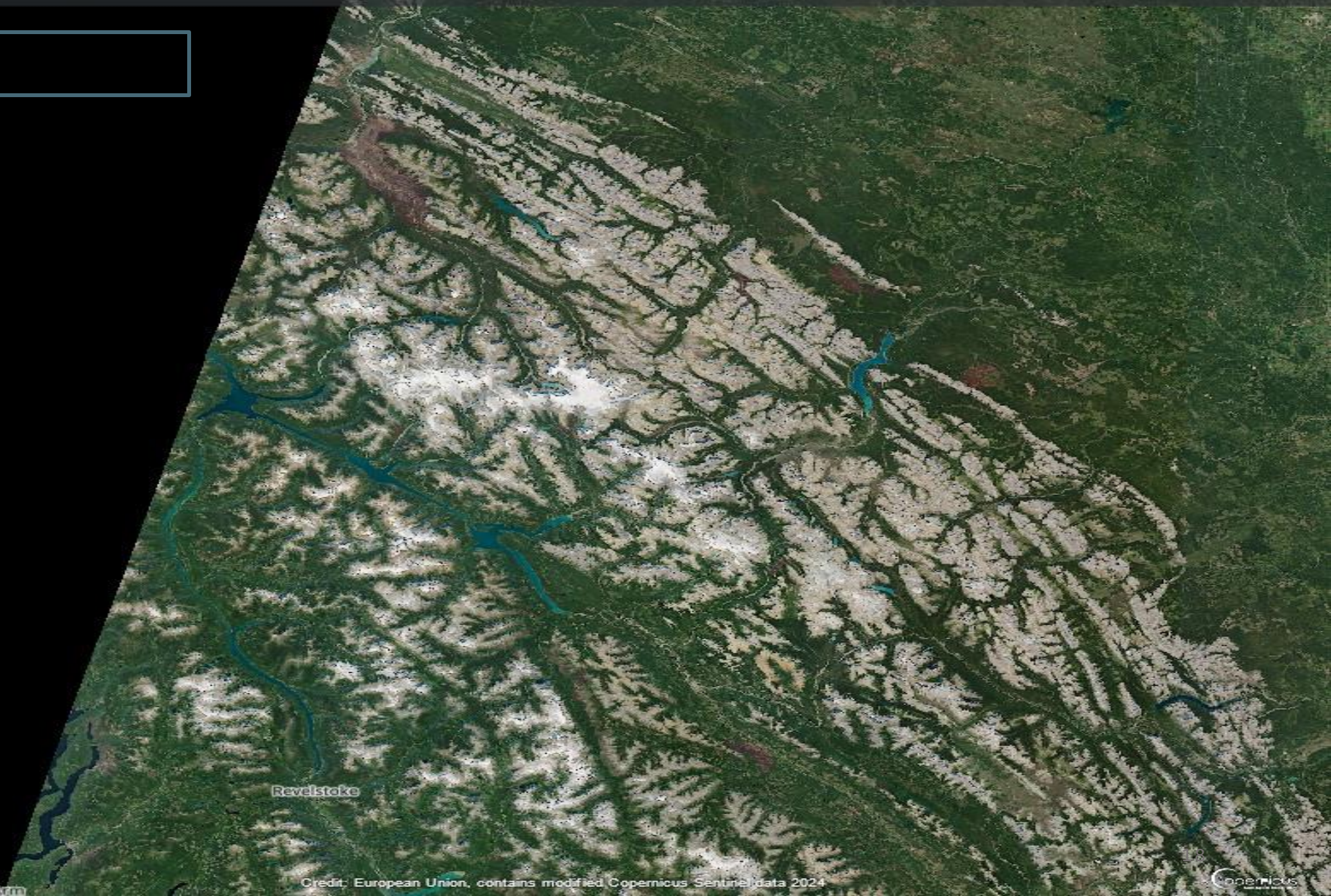
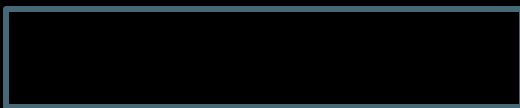
Value for → \$170/t is based on the average value starting at \$65mil/yr, increasing by \$15/yr up to \$170/t in 2030, then remaining static

Wildfires

CENTRAL
BURNS
2024







Revelstoke



30 km

Salmon Arm

Credit: European Union, contains modified Copernicus Sentinel data 2024

Copernicus

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