

NAITTUQMIQ OVERVIEW

1. GN Role, Mandate and
Legislation

2. Technical Review

3. Conclusions

1. Nunavutmi Kavamaat Havaanga,
Pitkuyauyutlu Maliganut

2. Ayuirninnganik
Naunaiyaqqhimaq

3. Qanuriliurniarmangaat

1.0 NUNAVUTMI KAVAMAAT HAVAANGA

1.0 GOVERNMENT OF NUNAVUT'S ROLE

- Plan approval authorities, along with Nunavut Tunngavik Incorporated and the federal government
- An active participant in NPC processes to-date
- Primary interests are in terrestrial wildlife protection and management, as well as economic development
- Hivunikhaliurlugit angigtukhat atanngauyauyut, ilaulutik Nunavut Tunngavitkut kavamatuqatkullu
- Ilaugatauqpiaqtuq uvani NPC-kut havagutainni uplumimun
- Piyumaniqarlluarniaqtuq nunani huratjani munarittiarutainnun aulapkaittiarutainnunlu, ukunanilu piangaiyarnikkut pivallialiurnirmun.

1.1.PITJUTIQAQTUT MALIGAT

1.1 RELEVANT LEGISLATION

Relevant Legislation and Regulations include but are not limited to:

- *Wildlife Act*
- *Environmental Protection Act*
- *Public Health Act*
- *Scientists Act*
- *Official Languages Act*
- *Nunavut Archaeological and Palaeontological Sites Regulations*

Pitjutiquaqtut Maligat Maligaghallu ilaqaqtut kihimi kikliqangittu hapkununa:

- *Uumayulirinirmut Maligaq*
- *Avatimun Happumminirmut Maligaq*
- *Aanniaqtailirnirmut Maligaq*
- *Qauyihaqtiaqtilirinirnut Maligaq*
- *Ilitariyauhimayunut Uqauhinut Maligaq*
- *Nunavunmi Ingilraangnitaliqnirnun Haunituqalirnikkullu Ininginni Maligaghat*

1.2 SIVUMUT ABLUQTA

- The vision of *Sivumut Abluqta* is to see the responsible management and development of natural resources that benefit Nunavummiut.
- Tautuhimania uuma Sivumut Abluqta takuyumapluni nakuuniqaqtunik aulapkaitjutinik pivallialirutiniklu nunamin piqutainnin ikayuruqtiqaqtut Nunavunmiunnun.



1.3 PITJUTIQAQTUT MALIGAGHAT

1.3 RELEVANT POLICIES

- **Parnautiit**, the GN Mineral Exploration and Mining Strategy
- **Tunngasaiji**, the GN Tourism Strategy
- **Working Together for Caribou**, the GN Caribou Strategy
- **Ingirrasiliqta**, the GN Transportation Strategy
- **Parnautiit**, Nunavut Kavamatkut Uyaraghiurnikkut Uyaraghiuqviknilu Parnaquti
- **Tunngasaiji**, Nunavut Kavamatkut Aquinikkut Parnaquti
- **Havaqatigiikniq Tuktunun**, Nunavut Kavamatkut Tuktukkut Parnaquti
- **Ingirrasiliqta**, Nunavut Kavamatkut Ingilratjutikkut Parnaquti



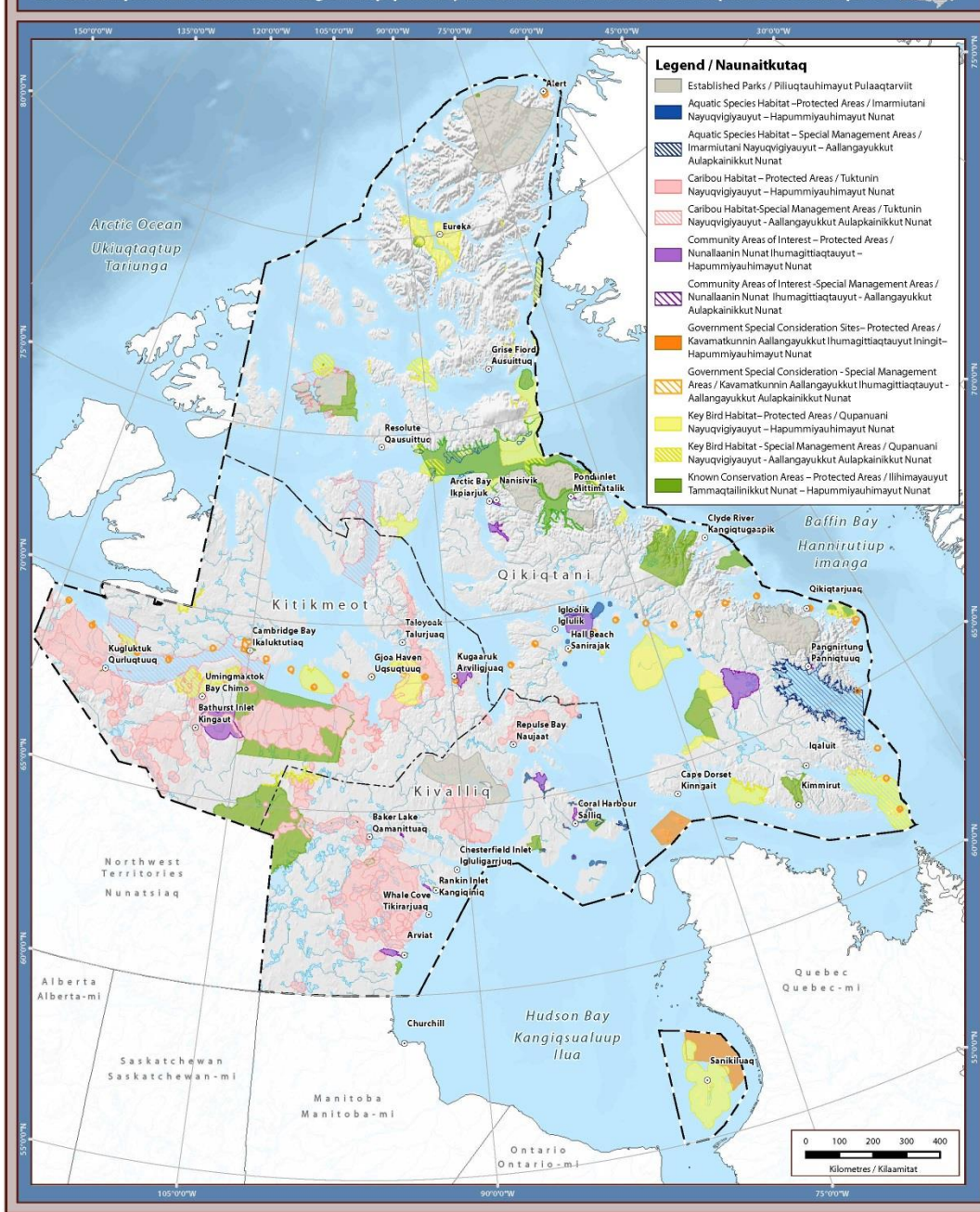
1.4 INUIT QAUJIMAJATUQANGIT

The DNLUP must reflect Inuit traditional knowledge:

- **Pijitsirniq:** serving and providing for family and/or community.
- **Qanuqtuurniq:** being innovative and resourceful.
- **Avatittinnik Kamatsiarniq:** respect and care for the land, animals, and the environment.
- **Aajiiqatigiinni:** decision making through discussion and consensus.

Una DNLUP tautungniqaqtukhaq Inuit pitquhikkut qauyihimayainnik:

- **Pijitsirniq:** kivaqtuinikkut tunirhainikkullu ilaruhinun ukunungalu/ukunungaluunniit nunallaamun.
- **Qanuqtuurniq:** ahikkuurutikkut qanuriliurutikkullu.
- **Avatittinnik Kamatsiarniq:** ihumagittiarniq munarittiarniqlu nunamun, huratjanun, avatimullu.
- **Aajiiqatigiinni:** ihumaliurniq uqaqatigiiknikkut atautikkullu angirutikkut.



2.0 NALUNAVYAKTUNUN IHIVRIUQNIQ 2.0 TECHNICAL REVIEW

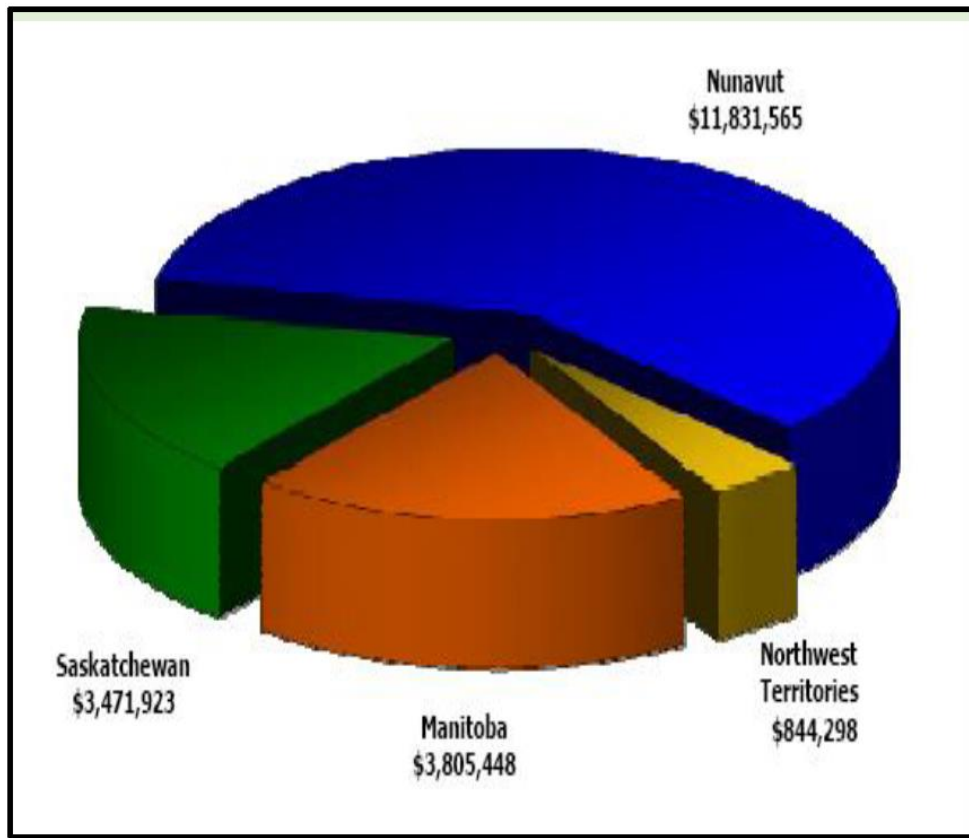
What types of land use restrictions are appropriate?
To what extent?

Qanurittutnik nunani
aturutainni kikligarutikhat
ihuaqtut? Qanuraalutun?

GN - ANGIYUT IHUMAALUUTIGIYAUYUT/ PITQUYAUHIMAYUUGALUAT

GN - MAJOR CONCERNS/RECOMMENDATIONS

- Caribou Protection
- Economic Development
- Transportation and Community Infrastructure
- Use Restrictions Supported by Nunavummiut
- Appropriate Scope for 'First Generation Plan'
- Tuktuni Hapumminiit
- Piangayarnikkut Pivallialiurniq
- Ingilratjutilirinirnun Nunallaanilu Aulapkaitjutingit
- Aturnikkut Kikliqarutit Angiqtauhimayut Nunavunmiunnin
- Ihuaqtuq qanuriliurutikhaa uumani 'hivulliqaanguyumi kinguliriiktukhanik hivunikhaq'



In 2008 just the Qamanirjuaq and Beverly herds alone had a direct value to Inuit of over 11 million dollars; a value of 110 million over the next decade.

- Healthy food = healthy families
- Cultural value = invaluable/priceless

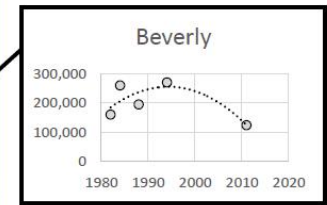
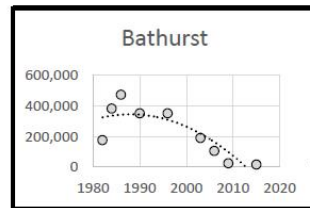
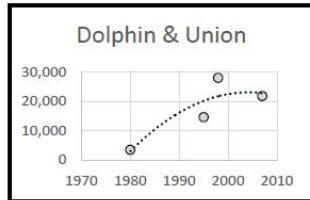
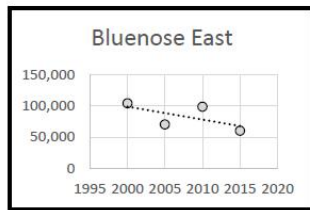
2008-mi taapkuanginnaik Qamanirjuaq unalu Beverly tuktiutait avalittumik pitjutiqaqpiarhimayuk akitutilaanik Inuinnarnun avatquhimapluni \$11 million-nik; akitutilaanguyumik \$110 million-nik ukunani tikittukhani qulini ukiuni.

- Niqiriktut niqit = aannialaqihainnaqtaangittut ilagiiktut
- Pitquhikkut pitjuti = akitlaarutiqaangittuq

The GN recommends a ‘Special Management Area’ DNLUP designation for caribou calving grounds, key access corridors, post-calving grounds, and freshwater crossings.

GN-kut pitquhimayut uuminnga ‘Aallangayukkut Aulapkainikkut Nunamik’ DNLUP tikkuaqtauhimayukhaq tuktuut nurriiinni, ingilravilluanginni, nurrihuiraangata nayurvilluangit, ukuallu imariktut ikaarviit.

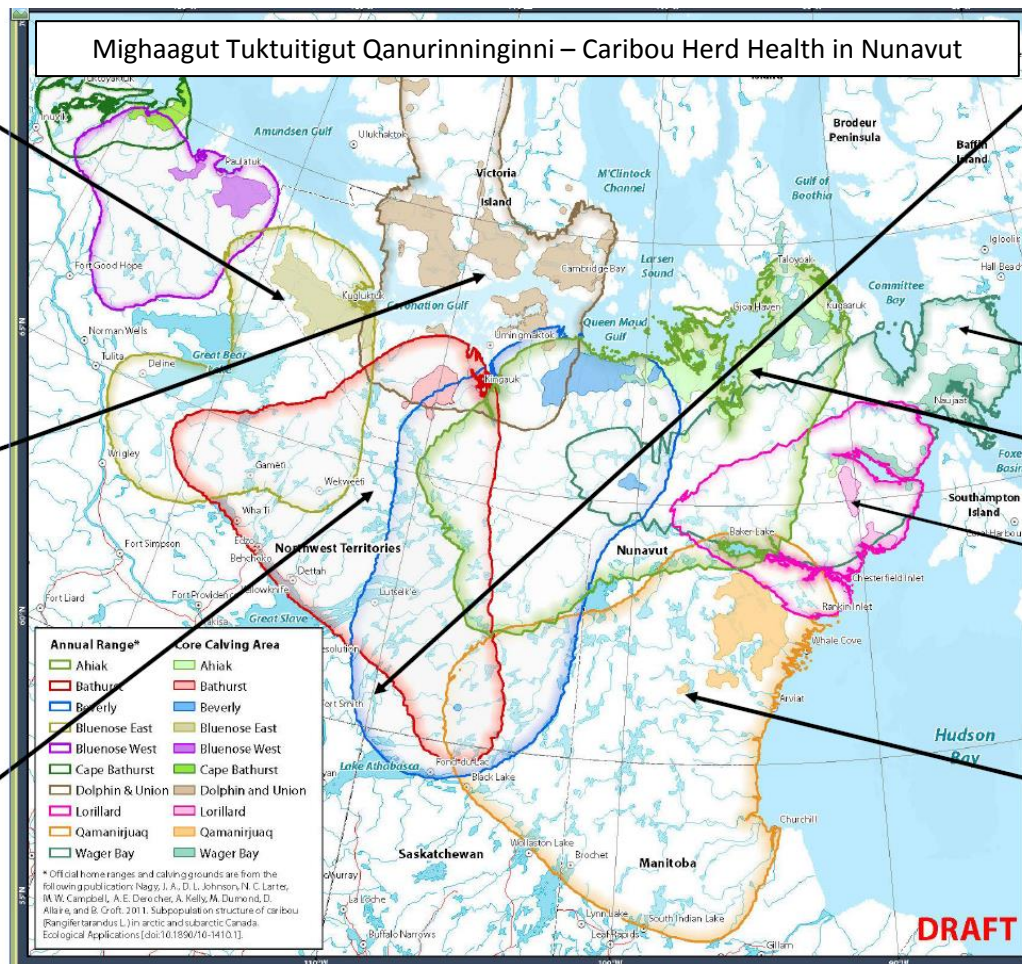
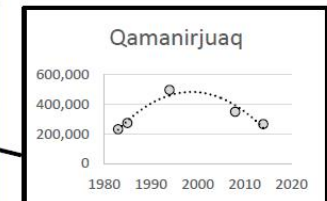
Mighaagut Tuktuigitigut Qanurinninginni – Caribou Herd Health in Nunavut



Wager Bay ??

Ahiak ??

Lorillard ??



- Much is known (Inuit Qaujimajatuqanit and science) about caribou herd health in Nunavut, though some information gaps remain.
- Amigaittut ilitturihimanikkut (Inuit Qaujimajatuqanit nalunavyaqtunilu) mighaagut tuktuigitigut qanurinninginni Nunavunmi, kihimi ilanginni ilitturipkaitjutikhainni piqangittuq.

Mighaagut Tuktuigit Qanurinninginni – Caribou Herd Health in Nunavut

Hannirutiup imanga

**Baffin
Qikiqtaaluk**

**Southampton Island
Talluruti**

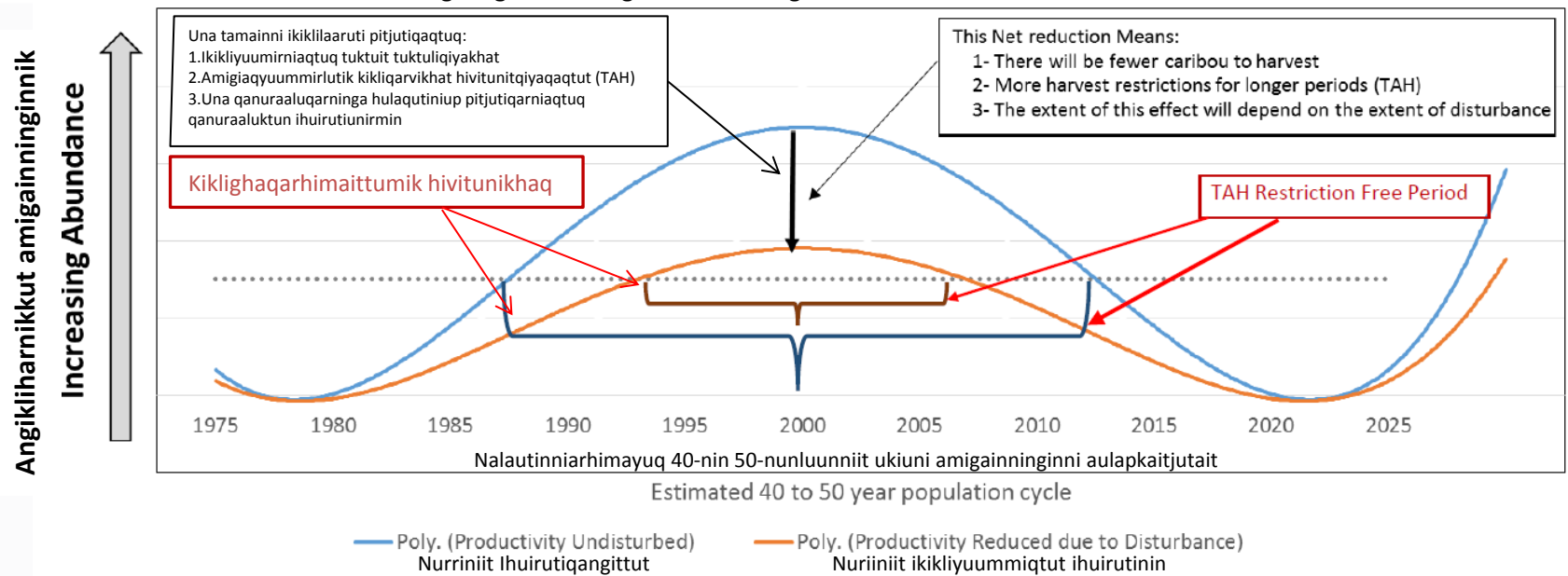
Mansel Island ?

Coats Island ?

**Quebec
Quebec-mi**

*Hudson Bay
Kangiisualuup Ilua*

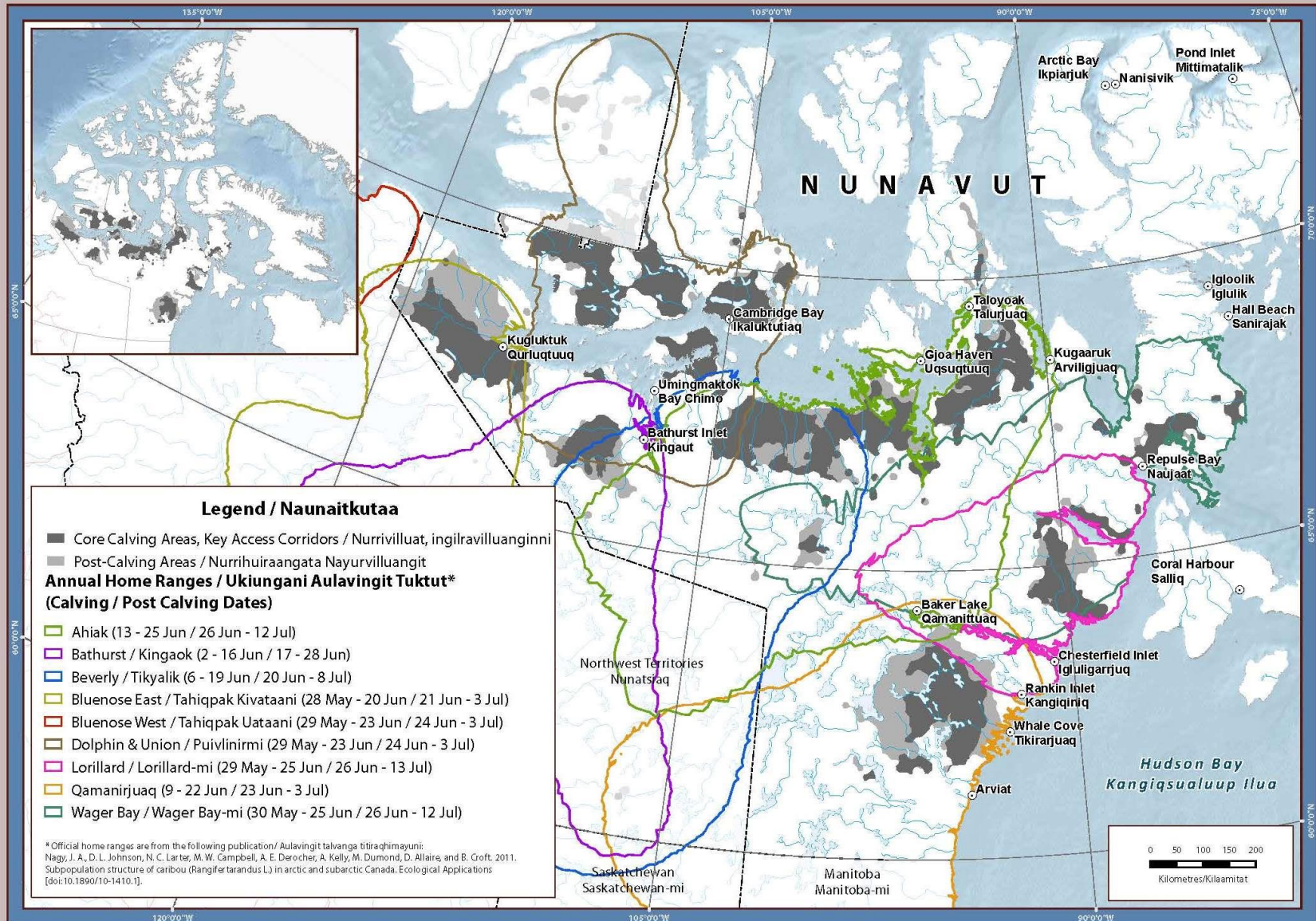
Mighaagut Tuktuitigut Qanurinninginni – Caribou Herd Health in Nunavut

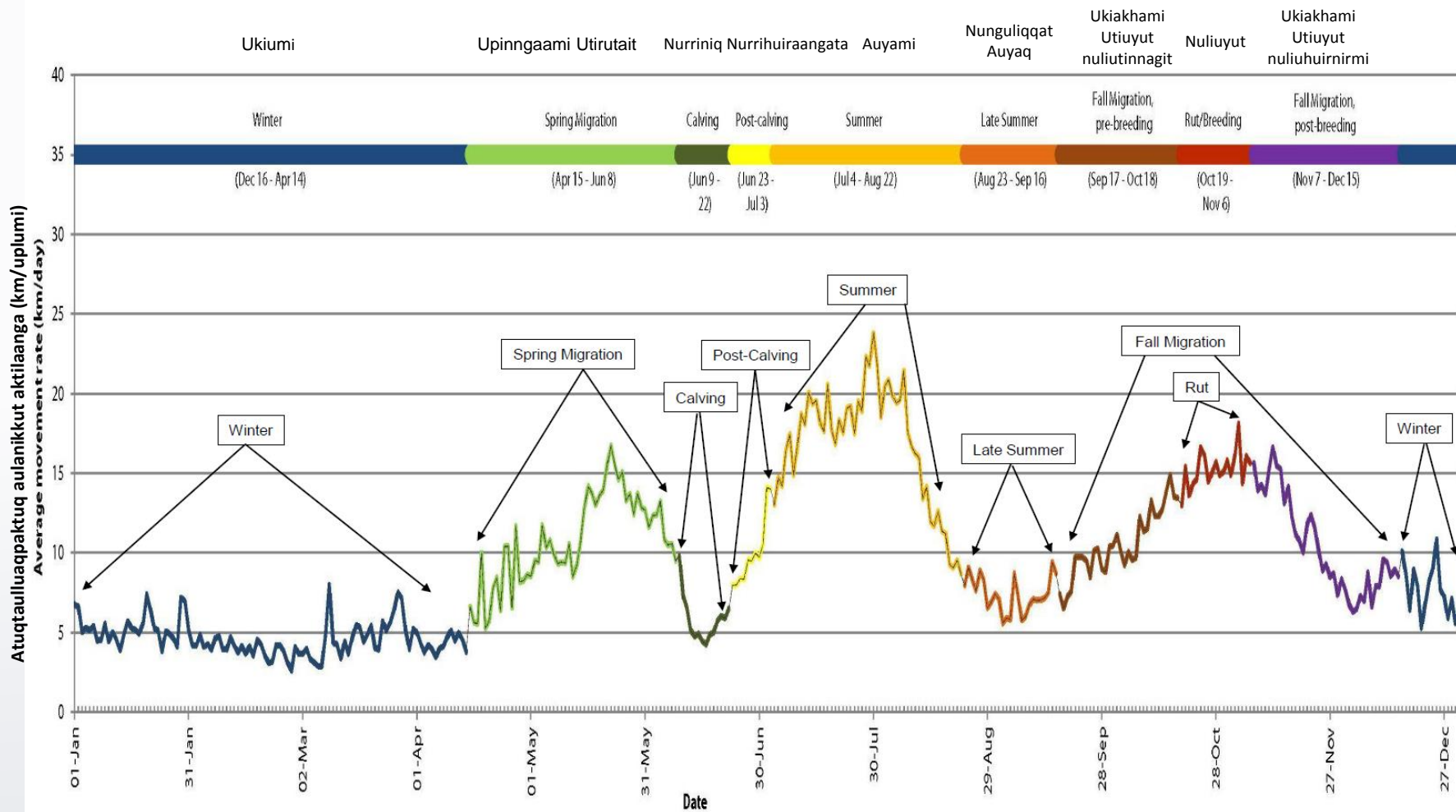


- Contributing to the NPC's development of the DNLUP (and NIRB assessments of projects), are just a couple of the many ways in which the GN works to protect unrestricted sustainable harvesting of caribou.
- Many factors may have impacts on overall caribou abundance (climate change, habitat fragmentation, natural pop. fluctuations, predation, etc.). Factors may have cumulative impacts to herds.
- Tuninikkut NPC-kunnun pivallialiurninganun DNLUP-mik (uvanilu NIRB-lit qauyiharninginni havaktauyukhani taimaatut atauhillaagtakhugit tunnganiqarnikkut) atauhiuyuq amigaittuni taimaatut GN-kut havakpaktut hapumminikkut kiklighaqangittuni anguniarninginni tuktunik.
- Amigaittut qanuriliurutit hulaqutiqaqtaarungnarhiyut tamainni tuktuinni amigainninginni (hilaup aallanguqtirningani, nayurviginirni aallanguqtirnin, aturaanginnaqpaktuni amigainninginni aallanguqtirutainni, anguyauninginni huratjanin, aallallu). Qanuritjutit piquaqtaqtut angikliyuummigtatunik hulaqutikhanik tuktuinnun.

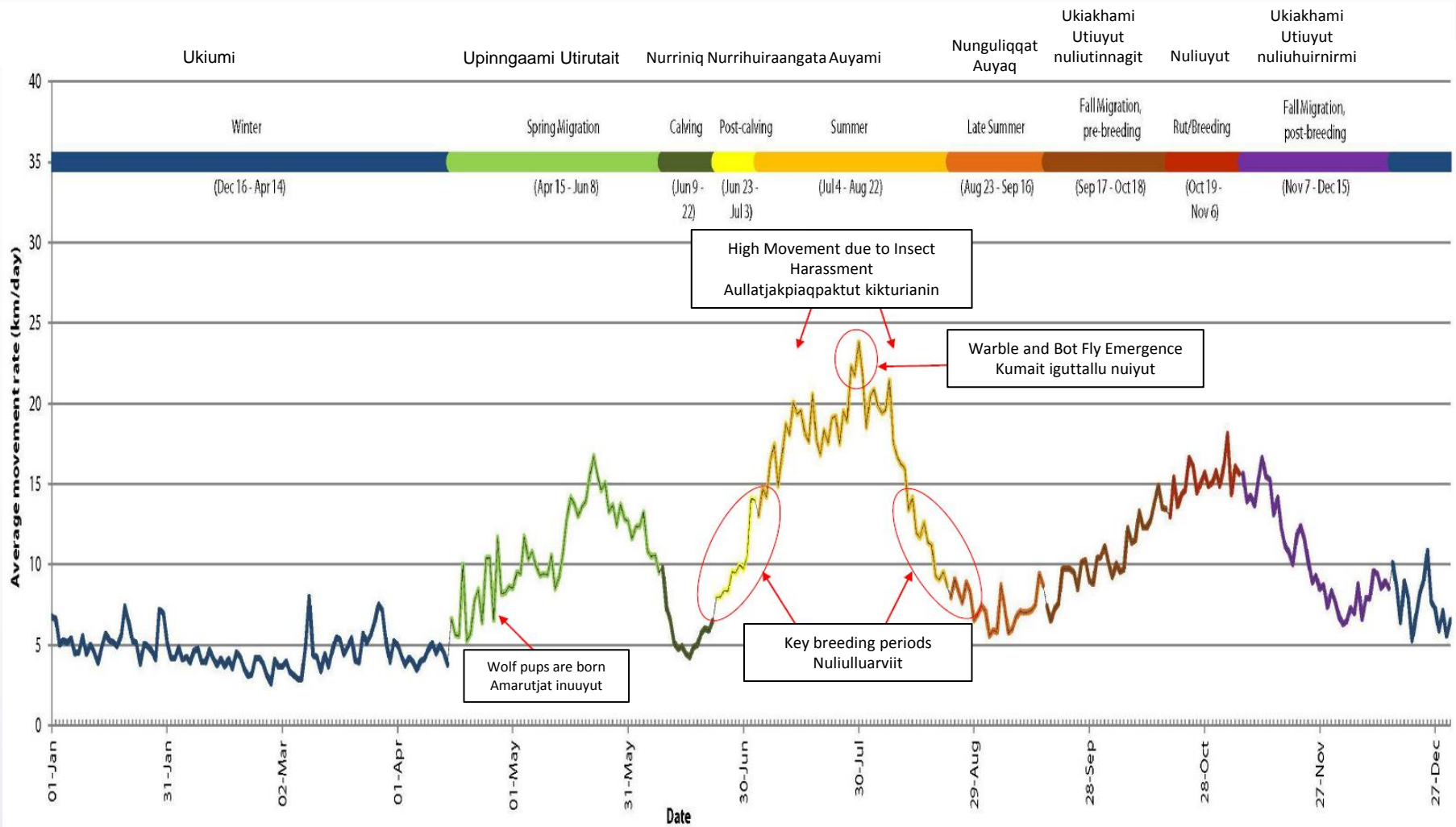
Core-Calving, Key Access Corridor and Post-Calving Areas of Mainland Migratory Caribou in Nunavut

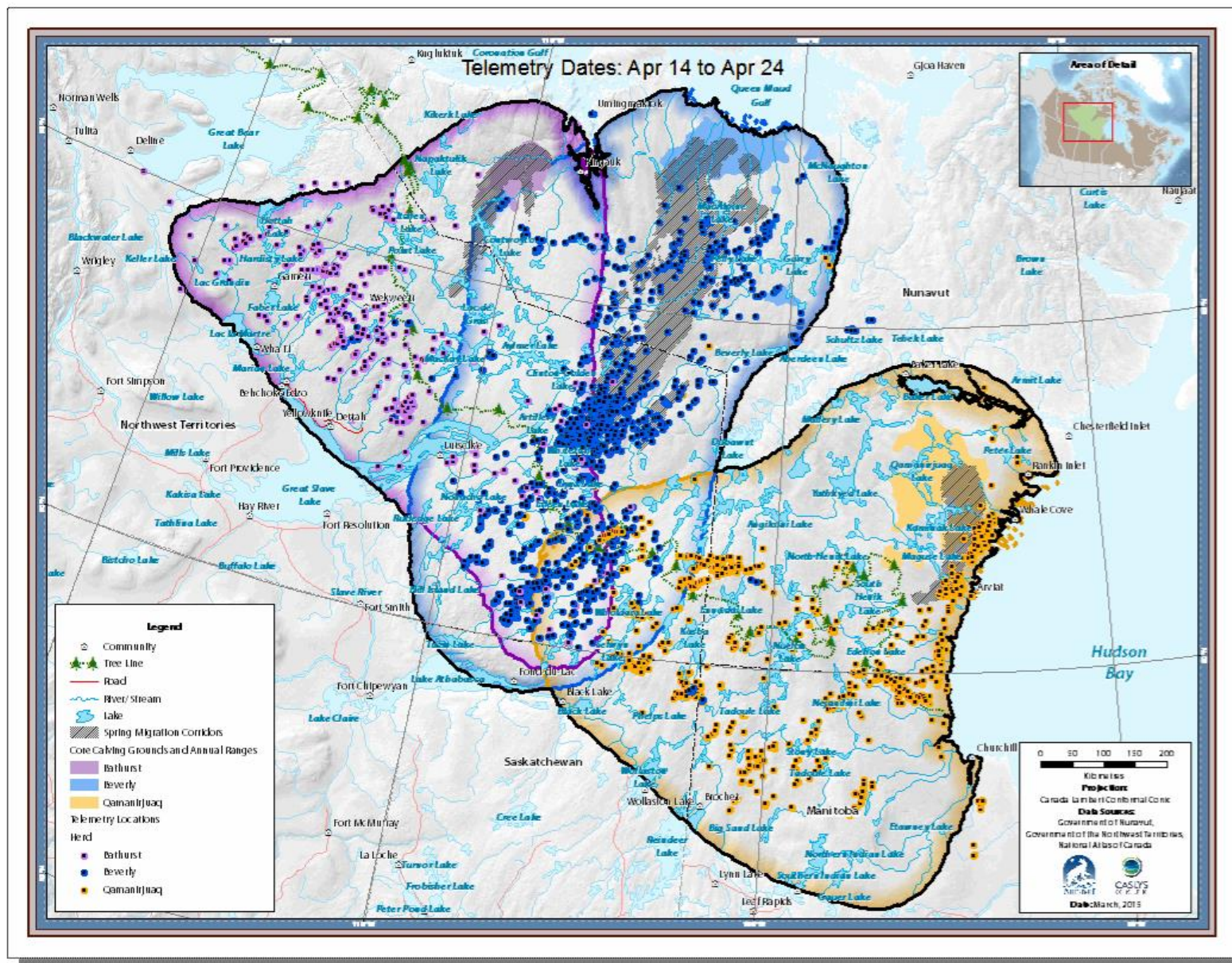
Nurrivilluat, ingilravilluanginni, nurrihuiraangata nayurvilluangit Nunait iluilikmi utiqattayuktuni tuktuinni Nunavunmi

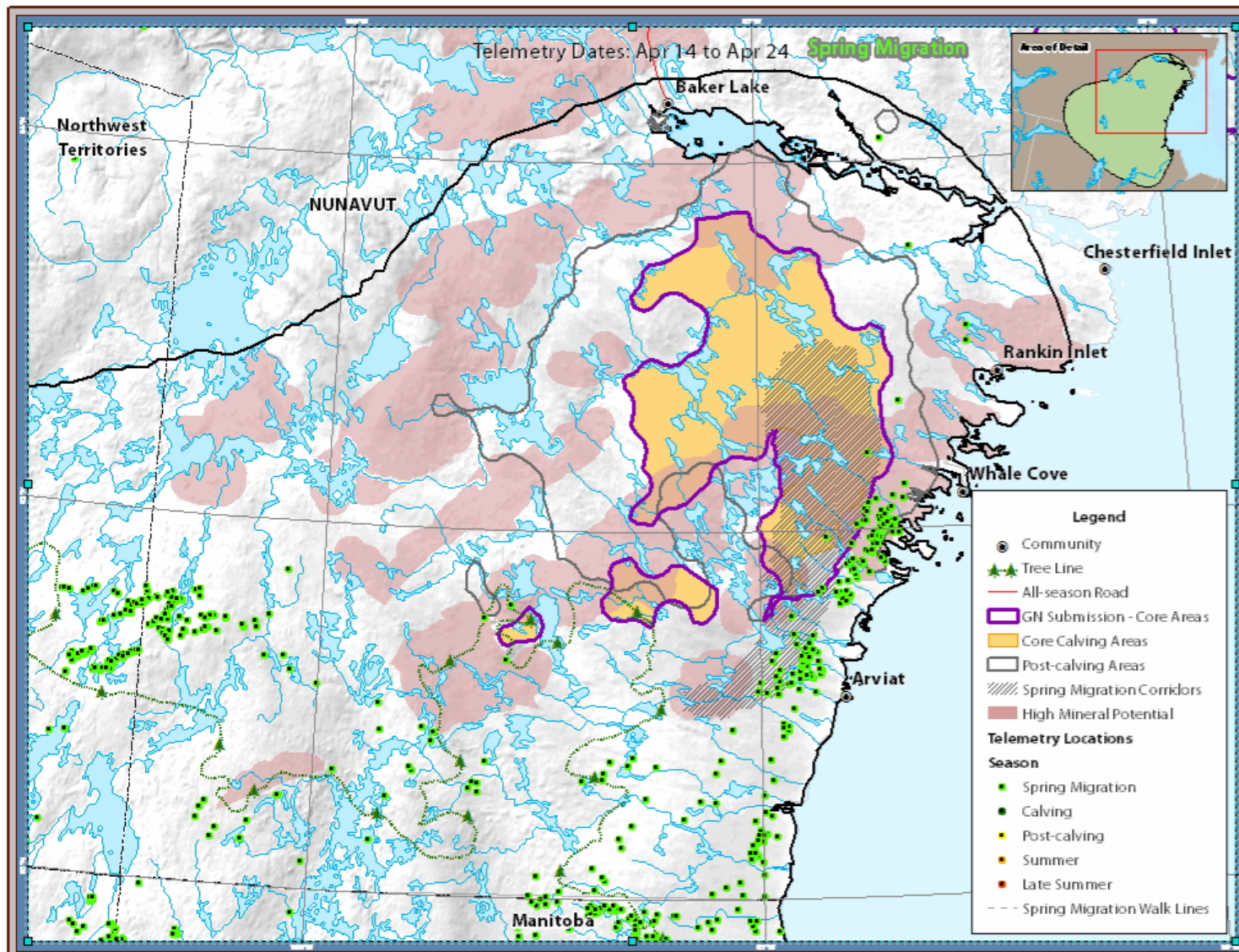




Atuqtaulluaqpaktut aulanikkut aktilaanga (km/uplumi)



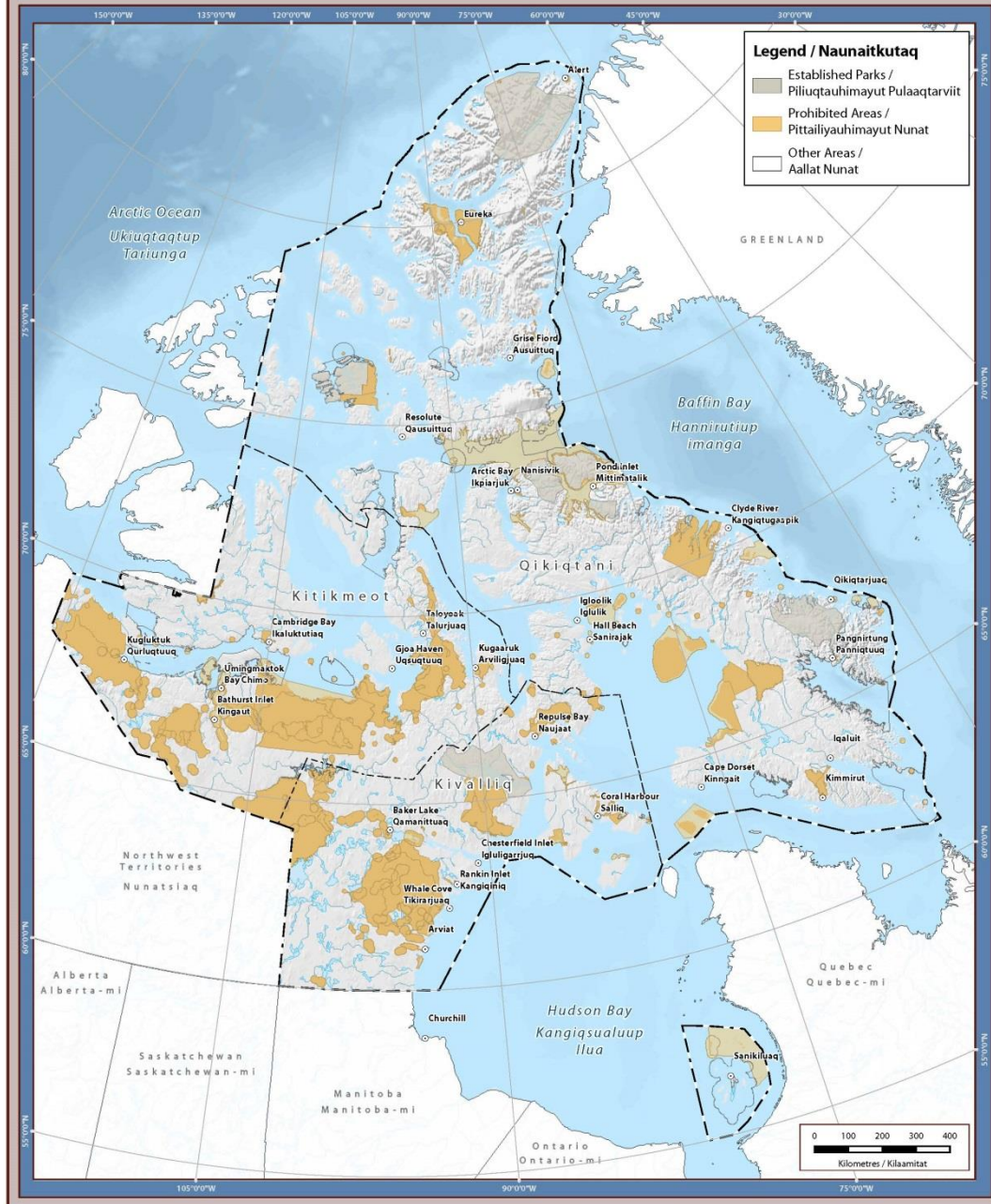




DNLUP - Pittailiniit Pivallialiurnikkut	NSA		Kitikmeot		Kivalliq		Qikiqtani	
Nunat	Nunait kangia (km ²)	% uvani NSA Nuna	Nunait kangia (km ²)	% uvani talvani nunauyuq	Nunait kangia (km ²)	% uvani talvani nunauyuq	Nunait kangia (km ²)	% uvani talvani nunauyuq
Uyaraghiurnikkut Qinirhianikkut Aullaqtirnikkullu	383,472	18.26%	187,099	31.18%	116,777	25.62%	79,597	7.62%
Uyaraliaqtarviit	379,423	18.07%	185,418	30.90%	115,643	25.37%	78,362	7.50%
Imakkut-pauwaliqarviit pitjutiaqtullu aulapkaitjutikhat	382,747	18.23%	187,099	31.18%	116,738	25.61%	78,910	7.56%
Nalruyut aulapkaitjutit	377,967	18.00%	185,418	30.90%	115,643	25.37%	76,905	7.36%
Pitjutiaqqtut qauyiharutit	371,325	17.68%	187,872	31.31%	116,753	25.62%	66,700	6.39%
Tahamaniiraaqpaktukhat aquinikkut pitjutiaqqtuni piliuqtinun	57,153	2.72%	24,896	4.15%	30,174	6.62%	2,083	0.20%
Quvianaitpiaqtukkut nunanik aturniit	225,858	10.76%	125,478	20.91%	75,851	16.64%	24,529	2.35%
Imakkuurutikkut Ilauyuq	Imakkut kangia (km ²)	% uvani NSA Imarmi	Imakkut kangia (km ²)	% uvani NSA Imarmi	Imakkut kangia (km ²)	% uvani NSA Imarmi	Imakkut kangia (km ²)	% uvani NSA Imarmi
Imakkut Umiakkuurutit	73,178	5.59%	49,158	20.10%	343	0.20%	23,677	2.64%
Iqqainiq Tariuqmi	47,061	3.60%	746	0.31%	962	0.57%	45,354	5.06%
Nunakkut Imakkullu Ilauyuq	Nunait kangia/ Imakkut kangia(km ²)	% uvani talvani nunauyuq/Im akkut kangia	Nunait kangia/ Imakkut kangia(km ²)	% uvani talvani nunauyuq/Im akkut kangia	Nunait kangia/ Imakkut kangia(km ²)	% uvani talvani nunauyuq/Imakk ut kangia	Nunait kangia/ Imakkut kangia(km ²)	% uvani talvani nunauyuq/l makkut kangia
Urhuryuani Kaasaliinilu qinirhianiit amuhiniillu	390,251	18.58%	187,894	31.32%	116,777	25.62%	85,581	8.20%
	168,591	12.88%	23,572	9.64%	3,387	2.02%	141,633	15.80%
Hayuktittinikkut uuktuutit nunami tariuqmilu	5,543	0.26%	2,625	0.44%	39	0.01%	2,879	0.28%
	43,717	3.34%	746	0.31%	16	0.01%	42,956	4.79%

DNLUP - Prohibitions to Development	NSA		Kitikmeot		Kivalliq		Qikiqtani	
Land Component	Land Area (km²)	% of NSA Land	Land Area (km²)	% of Region Land	Land Area (km²)	% of Region Land	Land Area (km²)	% of Region Land
Mineral Exploration and Production	383,472	18.26%	187,099	31.18%	116,777	25.62%	79,597	7.62%
Quarries	379,423	18.07%	185,418	30.90%	115,643	25.37%	78,362	7.50%
Hydro-electrical and related infrastructure	382,747	18.23%	187,099	31.18%	116,738	25.61%	78,910	7.56%
Linear Infrastructure	377,967	18.00%	185,418	30.90%	115,643	25.37%	76,905	7.36%
Related research except Non-exploitive Scientific Research	371,325	17.68%	187,872	31.31%	116,753	25.62%	66,700	6.39%
Permanent tourism-related structures	57,153	2.72%	24,896	4.15%	30,174	6.62%	2,083	0.20%
Obnoxious Land Uses	225,858	10.76%	125,478	20.91%	75,851	16.64%	24,529	2.35%
Marine Component	Marine Area (km²)	% of NSA Marine	Marine Area (km²)	% of Region Marine	Marine Area (km²)	% of Region Marine	Marine Area (km²)	% of Region Marine
Marine Shipping	73,178	5.59%	49,158	20.10%	343	0.20%	23,677	2.64%
Disposal at Sea	47,061	3.60%	746	0.31%	962	0.57%	45,354	5.06%
Both Land and Marine Component	Land Area / Marine Area (km²)	% of NSA Land / Marine	Land Area / Marine Area (km²)	% of Region Land / Marine	Land Area / Marine Area (km²)	% of Region Land / Marine	Land Area / Marine Area (km²)	% of Region Land / Marine
Oil and Gas Exploration and Production	390,251	18.58%	187,894	31.32%	116,777	25.62%	85,581	8.20%
	168,591	12.88%	23,572	9.64%	3,387	2.02%	141,633	15.80%
Seismic Testing	5,543	0.26%	2,625	0.44%	39	0.01%	2,879	0.28%
	43,717	3.34%	746	0.31%	16	0.01%	42,956	4.79%

Mineral Exploration and Production Prohibitions, Nunavut Land Use Plan 2016
 Uyaraghiurnikkut Pivallialiurniit Pitqyaungittut, Nunavunmi Nunanik Atuqnikkut Hivunikhaq 2016

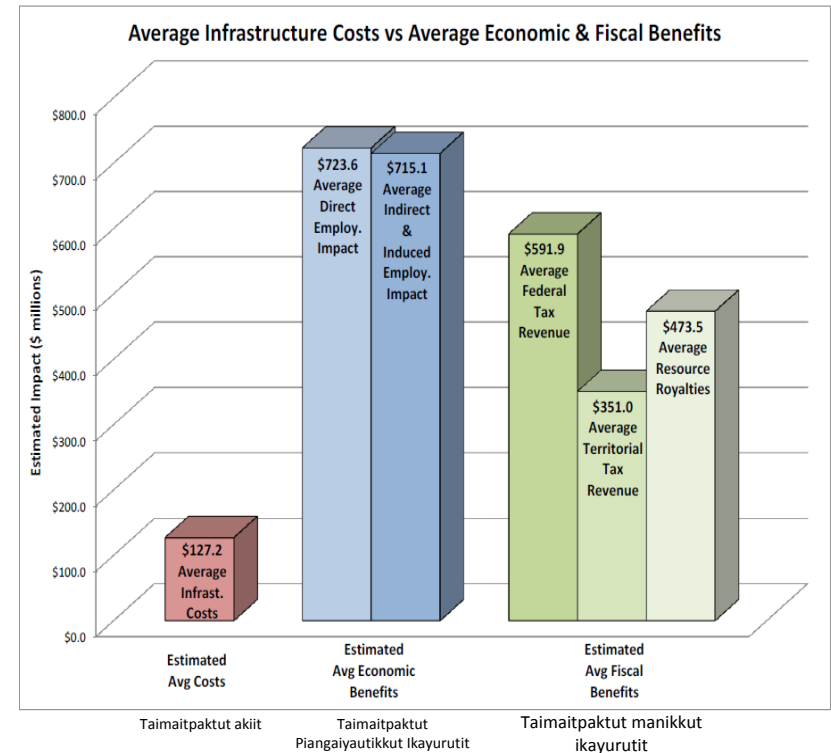


Based on a study of 8 major mining projects across the 3 territories, the average mine with a 15 year life span can generate:

- \$1.44 billion in economic impacts (direct, indirect, and induced employment), and
- \$1.42 billion in total fiscal premiums (federal tax, territorial tax, and royalties)

Tunnganiqarhuni qauyiharnirnin 8-nin angiyunik uyaraghiurnikkut havaktauvakhimayunin tamaani pingahuni ukiuqtaqtuni nunanin, uyaraghiuqvik 15-nik ukiunik aulaniqaqtuq pipkaqtittaaqtuq:

- \$1.44 billion pinagaiyautikkut hulaqutinik (piqpiaghimayunik, ahikkuuqtukkut, havakvikhaliurnikkullu), imaalu
- \$1.42 billion tamatqiutinik maniliqnikkut akiliutainni (kavamatuatunnun taaksinik, ukiuqtaqtuni taaksinik, akiliqtuqtakhainniklu atuqpakhimanikkut)



Economic Impacts

- Mining employs a significant number of Nunavummiut
- Increased incomes relieves pressure on social programming/services

Piangaiyautikkut Hulaqutit

- Uyaraghiurniit havaktipkailiqaqtut amigaittunik Nunavunmiunnik
- Amigaiqyuummirniit maniliurutit amigaruirutigiyauvaktut kavamatkunni pinahuarutinginnun/hulitjutainnun

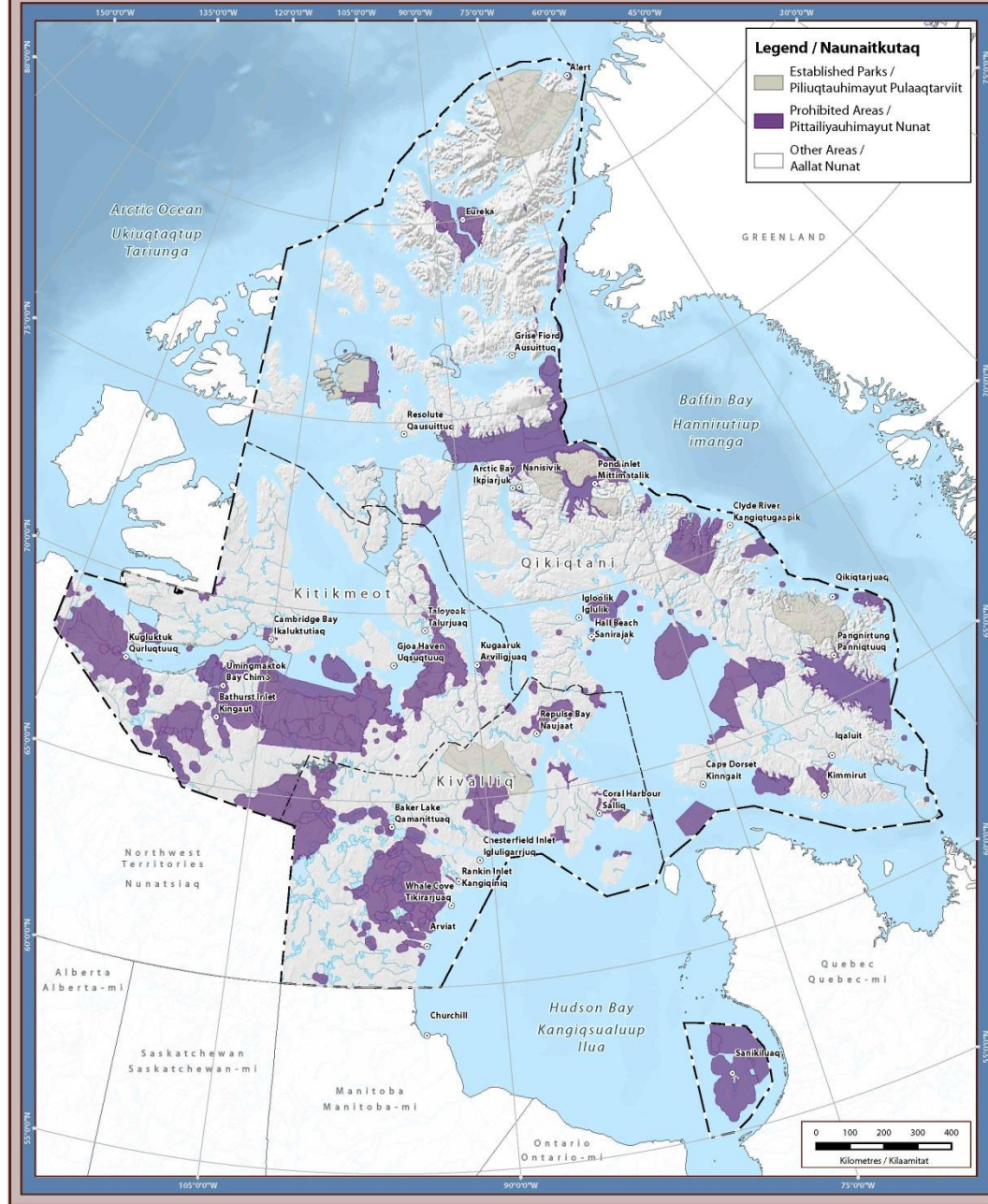
Fiscal Premiums

- Taxation and royalties are revenues to governments
- Larger budgets allow for more and better programming/services

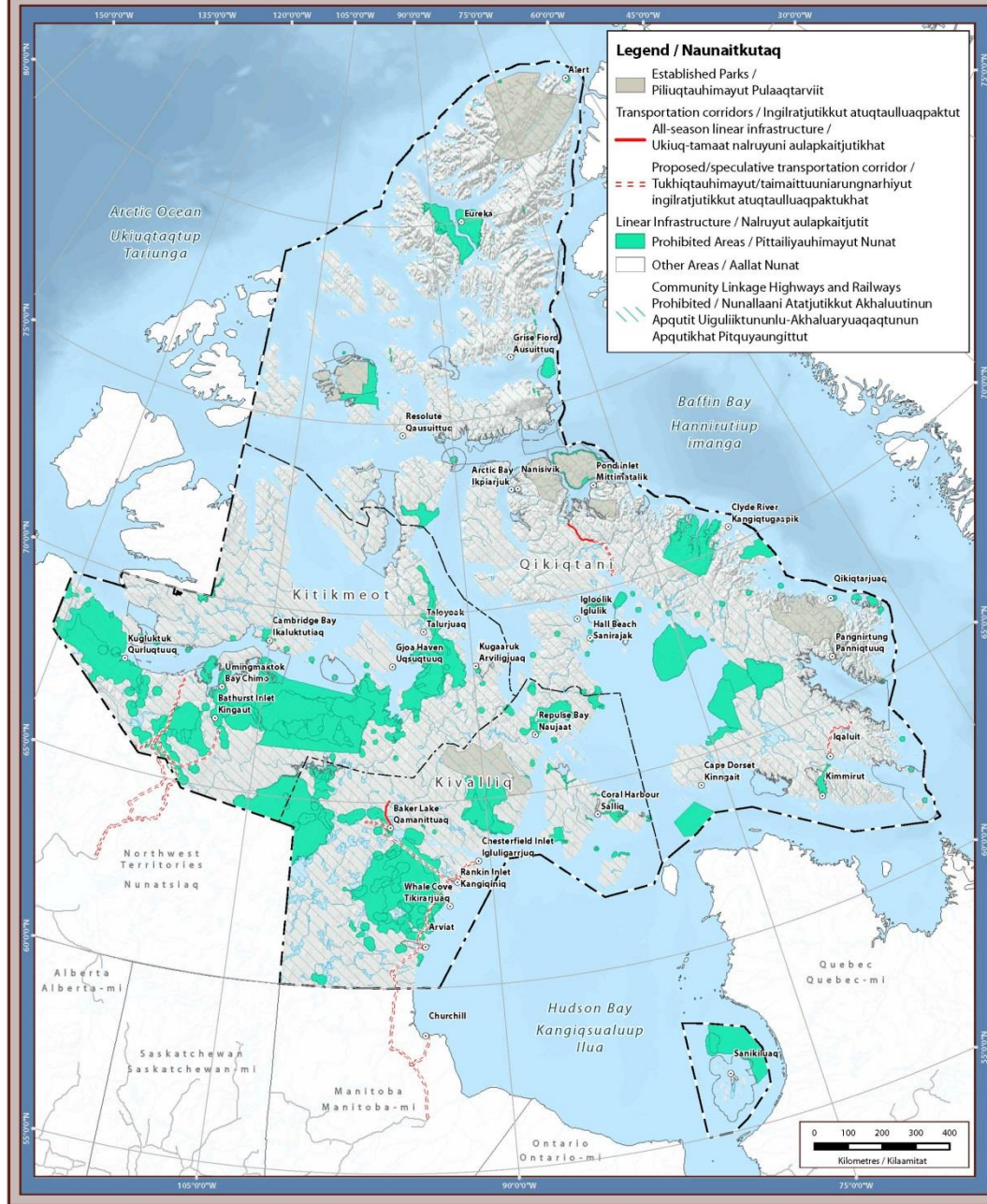
Manikkut Akiliutainni

- Taaksiiyautit ukuallu akiliqtuqtakhainniklu atuqpakhimanikkut maniliurutauyut kavamatkunnun
- Angitqiyauyuq manikkut aturutikhakkut pipkaivaktut amigaitqiyaayunik nakuutqiyaayuniklu pinahuarutinginnun/hulitjutainnun

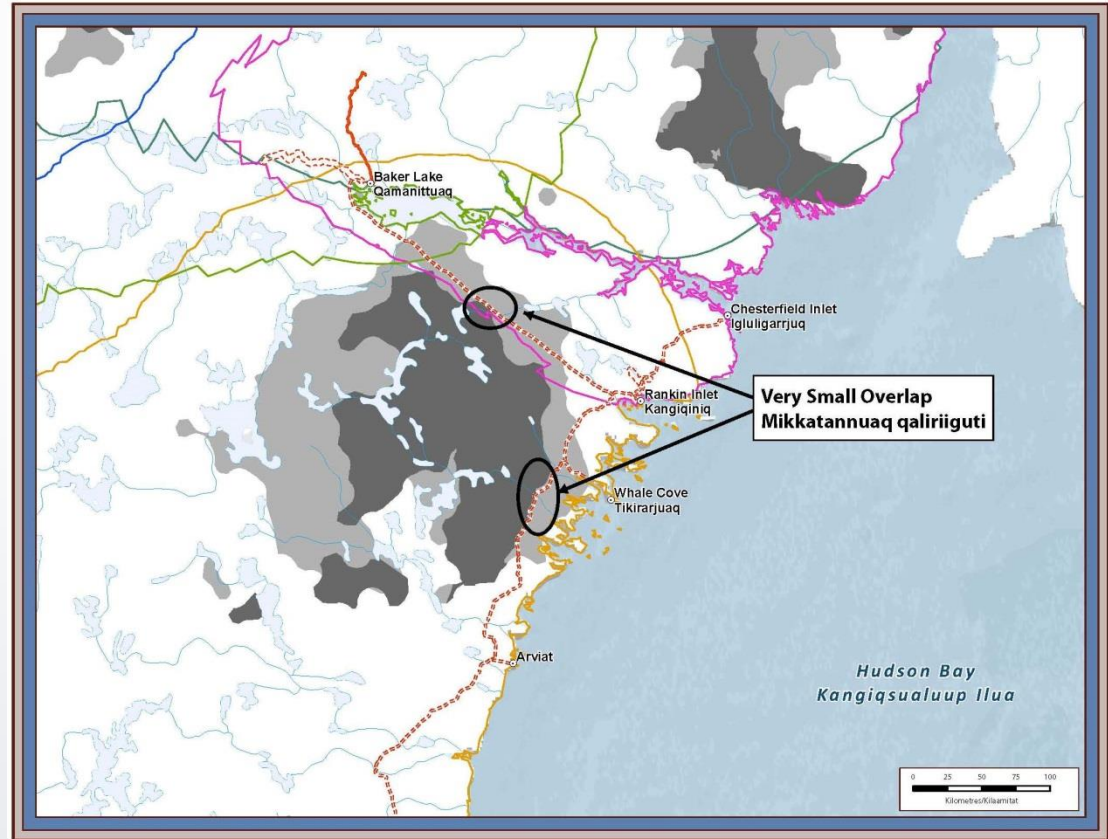
Oil and Gas Prohibitions, Nunavut Land Use Plan 2016
 Urhuryuani Kaasiliinilu Pitquyaungittut, Nunavunmi Nunanik Atunikkut Hivunikhaq 2016

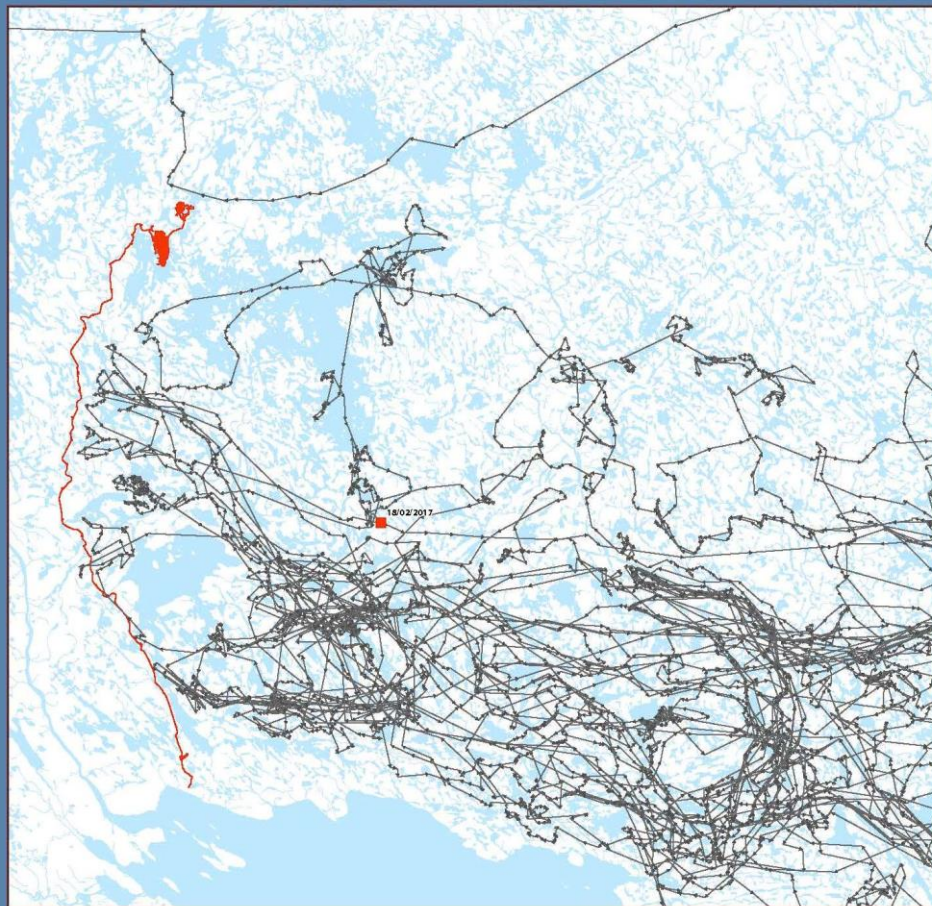


Terrestrial Transportation Prohibitions, Nunavut and Use Plan 2016
Nunakktut Ingilratjutikkut Pitquyaungittut, Nunavunmi Nunanik Atunqikkut Hivunikhaq 2016



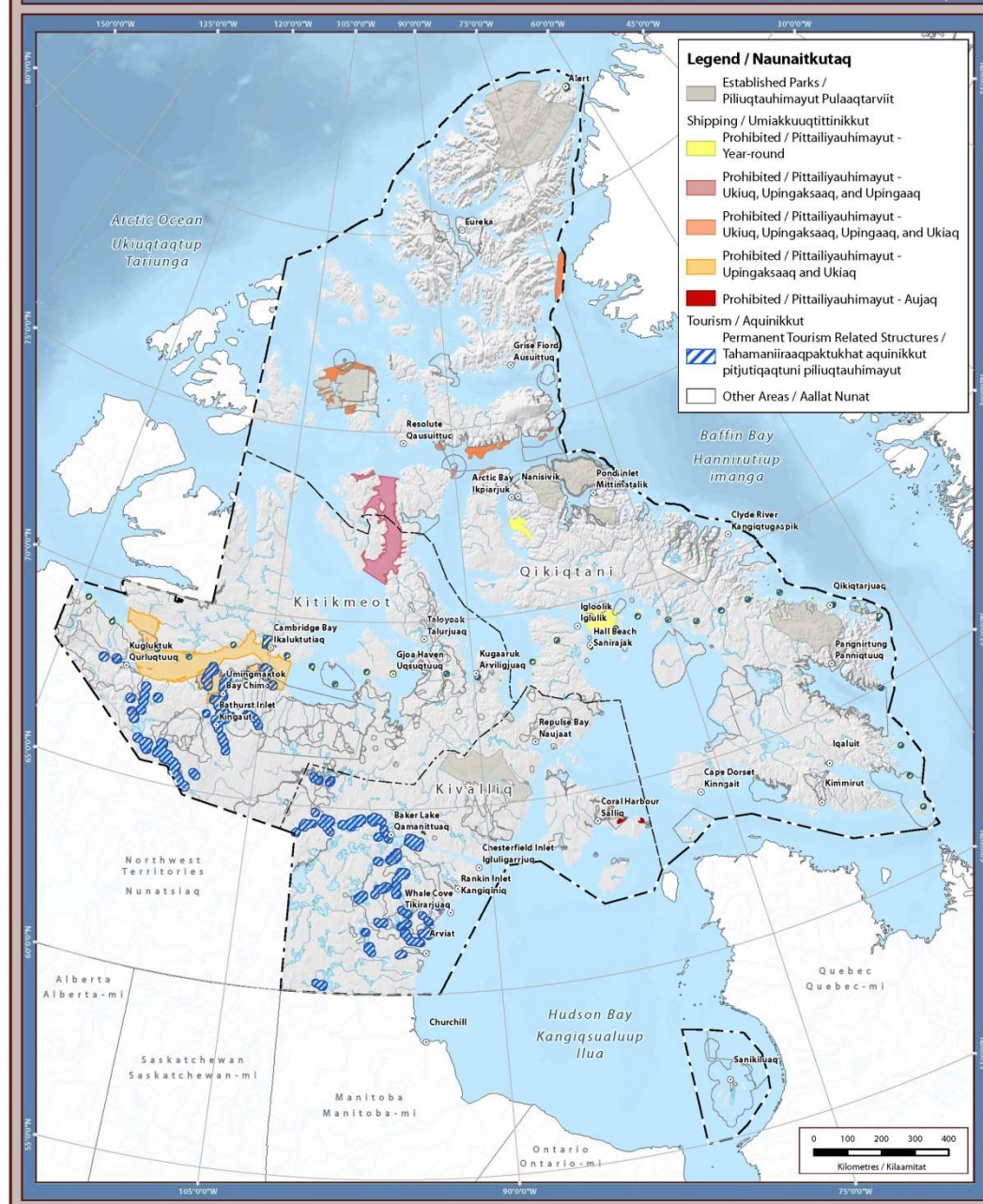
- The DNLUP should not pose unnecessary restrictions on priority infrastructure projects that will benefit Nunavummiut.
- The DNLUP's designations may be too precautionary, and the NIRB may be best equipped to resolve conflicts.
- DNLUP-kut pipkaqtiyukhaungittuq piqariittunik kikliqarutikhanik ukunani hivulliutiyauhimayunik aulapkaitjutini havaktauyukhani taapkuat ikayurutiqarniaqtut Nunavunmiunnun.
- DNLUP-kut tikkuqaqtauhimayait qayagivallaarutiqarungnarhiyut, ukuallu NIRB-kut ihuatqiyauyungnarhiyut ihuarhainikkut ihuigiyaayunik.





- The GN often collaborates with industry to monitor caribou herd health, informing ecosystemic and site specific adaptive management.
- The goal: sustainable economic development and healthy herds.
- GN-kut havaqatigiinginnaqpaktait havakviit munarinikkut tuktuut qanurittaakhainnik, ilitturipkainikkut avatini ininginniopiaq malikhautikkut munaritjutikhanik
- Turaangania: aularaanginnaqtunik piangaiyarnikkut pivallialiurniq ukuaullu qayangnarninqangittut tuktuut.

Tourism and Shipping Prohibitions, Nunavut Land Use Plan 2016
Aqinikkut Umiakkuurutikkullu Pitquyaungittut, Nunavunmi Nunanik Atunikkut Hivunikhaq 2016



3.0 QANURILIURNIARMANGAAT

3.0 CONCLUSIONS

- The successful completion of the DNLUP is government priority.
- Revisions to the DNLUP are necessary to achieve a balance between environmental and economic goals.
- The GN will continue to collaborate with all stakeholders, including the Nunavut Planning Commission, to ensure the DNLUP achieves its intended goals.
- Nakuuyumik iniqtirhimaniq uumani DNLUP-kunni kavamatkunni hivulliutiyauhimayuq.
- Aallanguqtirniit DNLUP-mut piyukhauyut piyaami aajikkiikniqarutikhamik ukunani avatini piangaiyarnikkullu turaangatjutinun.
- GN-kut havakqatigihimmaarniaqtait tamaita tigummitjutiqaqtuq, ilauyullu Nunavunmi Parnaiyingita Katimayiit pipkainikkut DNLUP-kunni pininginnik piniarhimayamikni turaangatjutinun.

MA'NA THANK YOU

Questions or Comments

Contact:

Phone: (867) 975-7765

Email: arobinson@gov.nu.ca

Apiqhuutit Uqariyumayailluunniit

Uqaqvigivikhaq:

Hivayautaa: (867) 975-7765

Qaritauyakkut:arobinson@gov.nu.ca