

Supplementary Geographic Information
for Written Submissions on the
2016 Draft Nunavut Land Use Plan

To: The Nunavut Planning Commission (NPC)

From: The Qikiqtaaluk Wildlife Board (QWB), and the Hunters and Trappers Organizations (HTOs) of Grise Fiord, Resolute Bay, Arctic Bay, Pond Inlet, Clyde River, Qikiqtarjuaq, Pangnirtung, Iqaluit, Kimmirut, Cape Dorset, Sanikiluaq, Hall Beach and Igloolik

Background and Summary

The following table contains additional geographic information for 42 of the 43 Written Submissions (WSs) that the QWB and its member HTOs provided to the NPC on the 2016 draft Nunavut Land Use Plan (DNLUP). WS-14 contained proposed amendments to Table 2 of the 2016 DNLUP, which did not have geographic information directly applicable to that submission.

After contacting various agencies, government departments and other parties about the types of geographic information that they may be interested in, the QWB received specific requests only from Nunavut Tunngavik Inc. (NTI) and the Qikiqtani Inuit Association (QIA). NTI and QIA both requested information about the intersection of between various classes of Inuit-owned lands (IOL), and the protected and special management areas proposed by QWB and the HTOs in their WSs. Therefore, in the following table the QWB has provided approximate estimates of various types of IOL that may intersect with areas proposed in the QWB's and HTOs' 42 WSs.

Note that these estimates are approximate because the shorelines in the IOL shapefiles did not fully align with the shorelines of the QWB's base maps, which we were obtained from 1:250,000 shapefiles downloaded from the Government of Canada's Geogratis web site (i.e., <https://maps.canada.ca/czs/index-en.html>). QIA provided QWB with shapefiles for IOL with surface rights, and IOL with surface and subsurface rights, which reportedly were originally given to QIA by the NPC. Based on the distance between 30 random identifiable shoreline vertices in both the IOL surface rights layer and QWB's base regional layer, the misalignment of the layers averaged 97.9 m (95% confidence interval: 69-127 m, range for the 30 sampled vertices: 0 – 396 m). Footnote 4 indicates where in 12 cases apparent intersection between QWB proposed areas and various IOL was not real and solely due to the misalignment of layers (average area: 1.3 km², 95% CI: 0.0 - 2.7 km²).

In many areas and as expected, there is extensive intersection between designated land areas proposed by the QWB and the HTOs and IOL with surface rights. During the community-based

land selection process leading to the Nunavut Final Agreement in the 1980s and early '90s, wildlife harvesting areas and important wildlife habitats were two of several major values that Inuit used to select lands that they wanted to own. Extensive intersection between surface IOL and the proposed QWB-HTO land-use designations reflect the continuing importance of these wildlife values for Inuit. On the other hand, the NFA land selection process did not permit inclusion of all the major land areas and none of the important marine areas that are needed for continued Inuit food and cultural security in the future.

For five (5) IOL subsurface parcels where there are existing exploration and similar agreements, proposed QWB and HTO designations would restrict mineral exploration and production. The approximate total intersecting area for 4 of these parcels is 48 km². For the other one, the intersecting area is 627 km². The applicable parcel numbers are provided in the table below. The QWB and HTOs would like the opportunity to negotiate with NTI and QIA about how these cases could be addressed going forward.

Since no other party requested additional specific information about the QWB and HTO submissions to the NPC, we assume that the following table provides sufficient information to all parties that may be interested in these submissions at this time.

Due to the large number of GIS analyses and transcriptions of data, inadvertent errors may have occurred. The results have been double checked, so any errors should have minimal impact of the information. If any concerns arise, please contact wildlifeadvisor@niws.ca

Written Submission No. and Title	Description of Supplementary Information	Geographic Information Type	Amount
WS-01: On-Ice Transportation Routes	On-ice routes. Note: Nearby routes were usually merged into a single route.	Number	373
		Total Length	24,012 km
	Land access routes. Note: These are some but not all over-land routes that connect to on-ice routes.	Number	91
		Total length	2,452 km
WS-02: Site # 41, Walrus Haul-outs (Ulliit)	Grouped terrestrial and ice walrus haul-outs. Note: The estimated number of haul-outs is very conservative. Haul-out islands, points and shorelines within 5 km of each other were grouped as a single area of haul-outs. A single group could extend more than 5 km if there were several interjacent islands or points within 5 km of each other.	Number of separately designated haul-out areas	Terrestrial: 90 Ice: 1
		Total area of terrestrial haul-outs	1,479 km ²
		Maximum perimeter of ice haul-out	224 km

Written Submission No. and Title	Description of Supplementary Information	Geographic Information Type	Amount
WS-02: Site # 41, Walrus Haul-outs (Ulliit) (continued)	Walrus may or may not haul-out onto multiple islands or points within each identified group at the same time. As well, some walrus haul-outs also occur within Multiple Value Areas (MVAs) and thus were not identified in this submission. HTOs are generally concerned about identifying the locations of haul-outs because the information may be used by cruise ships, tourism operators and adventurers to visit these sensitive walrus habitats, leading to increased harassment. HTOs are also concerned that set-backs may not be enforced effectively.	Approximate area of IOL in terrestrial haul-outs (Surface) ⁱ	771 km ²
		Approximate area of IOL in terrestrial haul-outs (Subsurface) ¹	2 km ²
		Total area of 5-km marine and 800-m terrestrial setbacks	11,158 km ²
		Approximate area of subsurface agreements on IOL ³ in terrestrial haul-outs and setbacks	0 km ²
WS-03: CAI – Walrus Harvesting	Community walrus harvesting areas. Note: These are ice haul-out areas where walrus are harvested. Walrus haul-out setbacks should be added for these areas.	Number	11
		Total area (excluding setbacks)	5,388 km ²
		Approximate area of IOL ¹	0 km ²
WS-04: CAI – Walrus Calving and Post-calving	Walrus calving and post-calving areas. Names: 1: Queens Channel; 2: McDougall Sound	Number	2
		Area (excluding setbacks)	1: 1,291 km ² 2: 309 km ²
		Area (including setbacks)	1: 1,865 km ² 2: 596 km ²
		Approximate total area of IOL in setbacks (surface)	76 km ²
		Approximate total area of IOL in setbacks (subsurface)	0 km ²

Written Submission No. and Title	Description of Supplementary Information	Geographic Information Type	Amount
WS-05: Site # 73 – Community Area of Interest – Foxe Basin	Original and additional areas for Site # 73 of the 2016 draft NLUP. Named herein after features near centre of each area. Current site # 73: Foxe Basin (Nuvuklit). Additional areas – 1: Foxe Basin (Tasiujaq) ; 2: Foxe Basin (Qinngusaak or Manning Islands)	Number of additional areas	2
		Original area	5,110 km ²
		Additional area	1: 852 km ² 2: 3,996 km ²
		Approximate area of IOL in original area (surface)	111 km ²
		Approximate area of IOL in additional area (surface)	44 km ²
		Approximate area of IOL in original and additional areas (subsurface)	0 km ²
WS-06: CAI - Caribou Wintering	Caribou wintering areas designated individually. Names- 1: Cameron Island (excluding Bent Horn area); 2: Strathcona River.	Number	2
		Area	1: 739 km ² 2: 164 km ²
		Approximate area of IOL ¹	0 km ²
WS-07: CAI – Caribou and Reindeer Harvesting	Community caribou and reindeer harvesting areas. Names and sizes of individual areas are available upon request.	Number	27
		Total area	27,729 km ²
		Approximate area of IOL (Surface) ¹	6,976 km ²
		Approximate area of IOL (Subsurface) ¹	1,703 km ²
		Approximate area of subsurface agreements on IOL ³	Parcel HB-03: 8 km ²

Written Submission No. and Title	Description of Supplementary Information	Geographic Information Type	Amount
WS-08: CAI – Caribou Calving and Post-Calving	Caribou calving and post-calving areas know to HTOs and of concern to them. Names and sizes of individual areas are available upon request.	Number	25
		Total area	49, 256 km ²
		Approximate area of IOL (Surface) ¹	4,552 km ²
		Approximate area of IOL (Subsurface) ¹	746 km ²
		Approximate area of subsurface agreements on IOL ³	Parcel PI-17: 26 km ²
WS-09: CAI - - Caribou Sea-Ice Crossings	Important sea-ice crossing areas for caribou. Names and sizes of individual areas are available upon request.	Number	17
		Total marine and island area	7,622 km ²
		Approximate area of IOL (Surface) ¹	139 km ²
		Approximate area of IOL (Subsurface) ¹	1 km ^{2, 4}
WS-10: CAI – Caribou Migration	Caribou migratory corridors. Names: 1. Brodeur Peninsula – Gifford River; 2. Melville Peninsula; 3: Cockburn River.	Area	1: 5,964 km ² 2: 9,956 km ² 3: 2,040 km ² Total: 17,960
		Approximate area of IOL (Surface) ¹	4,565 km ²
		Approximate area of IOL (Subsurface) ¹	24 km ²
		Approximate area of subsurface agreements on IOL ³	Parcel RE-29: 2 km ²
WS-11: CAI – MVA, West Central Baffin Island	Highly valuable area supported by 8 communities, includes: parts of Baffin Island, some smaller islands and marine areas in Foxe Basin.	Area	116,035 km ²
		Approximate area of IOL (Surface) ¹	14,593 km ²
		Approximate area of IOL (Subsurface) ¹	2,391 km ²
		Approximate area of subsurface agreements on IOL ³	Parcel BI-35: 627 km ²

Written Submission No. and Title	Description of Supplementary Information	Geographic Information Type	Amount
WS-12: CAI – Muskox Harvesting	Important harvesting areas close to Grise Fiord. Name – 1: Baad Fiord; 2: Piliravijuk Bay; 3: Lee Point; 4: Fram Fiord	Area	1: 118 km ² 2: 315 km ² 3: 33 km ² 4: 260 km ² Total: 726 km ²
		Approximate area of IOL (Surface) ¹	120 km ²
		Approximate area of IOL (Subsurface) ¹	0 km ²
WS-13: CAI - Polar Bear Denning, Emergence and Mating	34 denning and post-denning emergence areas, and one high-density mating area (i.e., Bauman Fiord, north of Grise Fiord).	Number	35
		Total area	26,413 km ²
		Approximate area of IOL (Surface) ¹	4,348 km ²
		Approximate area of IOL (Subsurface) ¹	90 km ²
		Approximate area of subsurface agreements on IOL ³	0 km ²
WS-15: CAI – Eider Nesting	Grouped eider nesting, fledgling and moulting areas. Note: Islands and other areas within 3 km of each other were combined as a single group. A single group could extend more than 3 km if there were several interjacent islands within 3 km of each other. Eiders are likely to be found on many if not all of the islands. See the text of WS-15 for the number of islands in each group.	Number of grouped areas	31
		Total terrestrial area	262 km ²
		Total area, including proposed 1.5-km setbacks	1,544 km ²
		Approximate area of IOL (Surface) ¹	174 km ²
		Approximate area of IOL (Subsurface) ¹	0 km ²
WS-16: CAI – Snow Goose, Brant and Canada Goose Harvesting	Goose nesting, fledgling and moulting areas.	Number	18
		Total terrestrial area	2,072 km ²
		Total area, with 1.5-km marine setbacks	2,465 km ²
		Approximate area of IOL (Surface) ¹	1,194 km ²
		Approximate area of IOL (Subsurface) ¹	0 km ²

Written Submission No. and Title	Description of Supplementary Information	Geographic Information Type	Amount
WS-17: CAI – Seabird Harvesting	Seabird nesting, fledgling and moulting areas	Number	8
		Total terrestrial area	89 km ²
		Total area, including proposed marine 1.5-km setbacks	362 km ²
		Approximate area of IOL (Surface) ¹	7 km ²
		Approximate area of IOL (Subsurface) ¹	4 km ²
		Approximate area of subsurface agreements on IOL ³	0 km ²
WS-18: Amended Sites 11 and 25 – Key Marine Mammal and Bird Habitats	1: Site 11, Hell Gate and Cardigan Strait 2: Site 25, Eastern Jones Sound	Amended area	1: 3,398 km ² 2: 5,170 km ²
		Approximate area of IOL ¹	0 km ²
WS-19: CAI – Beluga and Narwhal Harvesting	Beluga and Narwhal Harvesting areas for: 1. Hall Beach and Igloodik, and 2. Iqaluit.	Total marine area	1: 7,402 km ² 2: 674 km ²
		Approximate area of IOL ¹	0 km ²
WS-20: CAI – MVA, Admiralty Inlet	MVA in Admiralty Inlet and adjacent waters, with a year-round no-shipping zone.	Total area	9,038 km ²
		Area of no-shipping zone	6,751 km ²
		Approximate area of IOL (Surface) ¹	107 km ²
		Approximate area of IOL (Subsurface) ¹	0.001 km ^{2, 4}
WS-21: CAI – MVA and Narwhal Calving, Post-calving and Harvesting, Pond Inlet	MVA and high priority narwhal are for the community of Pond Inlet.	Total area (no shipping zone)	1,596 km ²
		Approximate area of IOL ¹	0 km ²

Written Submission No. and Title	Description of Supplementary Information	Geographic Information Type	Amount
WS-22: CAI – Clearwater Beluga Calving and Post-Calving	Calving and post-calving area of Cumberland Sound beluga in Clearwater Fiord, adjacent waters and islands	Total area (no shipping zone)	1,596 km ²
		Approximate area of IOL (Surface) ¹	206 km ²
		Approximate area of IOL (Subsurface) ¹	0 km ²
WS-23: CAI – Kingnait Bowhead Calving and Mating	Bowhead whale calving and mating areas in Kingait Fiord and adjacent waters and islands in Cumberland Sound.	Total area (no shipping zone)	2,414 km ²
		Approximate area of IOL (Surface) ¹	24 km ²
		Approximate area of IOL (Subsurface) ¹	0 km ²
WS-24: CAI – Cumberland Sound Turbot Fishing and Beluga Migration and Wintering	Important area for turbot fishing and wintering and migration routes of Cumberland Sound beluga. Amendments to 2016 DNLUP Site # 136 to add wintering area of Cumberland Sound beluga and recognize the importance of Cumberland Sound for the migration of beluga.	Total area	26,540 km ²
		Approximate area of IOL (Surface) ¹	1,393 km ²
		Approximate area of IOL (Subsurface) ¹	0 km ²
WS-25: CAI – Eclipse Sound Turbot Harvesting	Turbot harvesting area.	Total area	2,454 km ²
		Approximate area of IOL ¹	0 km ²
WS-26: CAI – Bearded Seal Harvesting	Bearded seal harvesting area. Names: 1. Western Kugong Island. 2. Southern Split Island.	Total marine and island area	1: 32 km ² 2: 14 km ² Total: 46 km ²
		Approximate area of IOL (Surface) ¹	0 km ²
		Approximate area of IOL (Subsurface) ¹	1: 1 km ² 2: 1 km ² Total: 2 km ²
		Approximate area of subsurface agreements on IOL ³	0 km ²

Written Submission No. and Title	Description of Supplementary Information	Geographic Information Type	Amount
WS-27: CAI – Ringed Seal Harvesting	Ringed seal harvesting areas. Names and sizes of individual areas are available upon request.	Total marine and island area	1,014 km ²
		Approximate area of IOL (Surface) ¹	139 km ²
		Approximate area of IOL (Subsurface) ¹	0 km ²
WS-28: CAI – Sea-run Fish Harvesting	Lakes and rivers for harvesting sea-run fish and their downstream and up-stream watersheds. Note that overlapping 5-km protected areas for nearby lakes and rivers were merged into single protected areas.	Sea-run fishing rivers (downstream to marine waters)	Number: 169 Total length: 1,042 km
		Sea-run fishing lakes	Number: 184 Total Area: 2,260 km ²
		Protected areas within 5 km of sea-run fishing lakes and rivers (SRFPAs)	Number: 138 Total Area: 37,760 km ²
		Special management watersheds up to 50 km upstream from sea-run fishing lakes and rivers (SRSMWAs)	Number: 188 Total area: 106,552 km ²
		Approx. area of IOL (Surface) ¹ in SRFPAs	17,811 km ²
		Approx. area of IOL (Subsurface) ¹ in SRFPAs	1,364 km ²
		Approx. area of IOL ³ subsurface agreements in SRFPAs	Parcel SQ-05: 12 km ²
		Approx. area of IOL (Surface) ¹ in SRSMWAs	Total area: 12,423 km ²
		Approx. area of IOL (Subsurface) ¹ in SRSMWAs	Total area: 325 km ²
		Approx. area of IOL ³ subsurface agreements in SRSMWAs	Total area: 0 km ²

Written Submission No. and Title	Description of Supplementary Information	Geographic Information Type	Amount
WS-29: CAI – Landlocked Fish Harvesting	Lakes and rivers for harvesting landlocked fish and their up-stream watersheds. Note that overlapping 5-km protected areas for nearby lakes and rivers were merged into single protected areas.	Landlocked fishing rivers (not including downstream areas)	Number: 18 Total length: 264 km
		Landlocked fishing lakes	Number: 24 Total Area: 84 km ²
		Protected areas within 5 km of landlocked fishing lakes & rivers (LLFPAs)	Number: 24 Total Area: 1,137 km ²
		Special management watershed areas up to 50 km upstream from landlocked fishing lakes and rivers (LLSMWAs)	Number: 22 Total area: 2,729 km ²
		Approx. area of IOL (Surface) ¹ in LLFPAs	334 km ²
		Approx. area of IOL (Subsurface) ¹ in LLFPAs	53 km ²
		Approximate area of subsurface agreements on IOL ³ in LLFPAs	Total area: 0 km ²
		Approx. area of IOL (Surface) ¹ in LLSMWAs	Total area: 195 km ²
		Approx. area of IOL (Subsurface) ¹ in LLSMWAs	Total area: 0 km ²
WS-30: CAI – Blunt Peninsula – Loks Land	MVA on Blunt Peninsula, Loks Land and surrounding marine waters.	Terrestrial area	987 km ²
		Marine area	2,032 km ²
		Total area	3,019 km ²
		Approximate area of IOL (Surface) ¹	422 km ²
		Approximate area of IOL (Subsurface) ¹	0 km ²

Written Submission No. and Title	Description of Supplementary Information	Geographic Information Type	Amount
WS-31: Amendment: Table 1 and Schedule A - Site # 10– Frobisher Bay	Proposed amended land use restrictions and boundaries of Site # 10 in the 2016 DNLUP.	Terrestrial area	1,862 km ²
		Marine area	11,076 km ²
		Total amended area	12,938 km ²
		Approximate area of IOL (Surface) ¹	760 km ²
WS-32: CAI – Coastal Meta incognita Peninsula	MVA along coastal area of Meta Incognita Peninsula	Approximate area of IOL (Subsurface) ¹	0 km ²
		Total area	4,233 km ²
		Approximate area of IOL (Surface) ¹	3,203 km ²
		Approximate area of IOL (Subsurface) ¹	0 km ²
WS-33: CAI – MVAs, Hall Beach	MVAs for the community of Hall Beach. Names: A: Roche Bay, B. Foster Bay, and C. Hall Lake.	Total area	A: 742 km ² B: 400 km ² C: 2,788 km ²
		Approximate area of IOL (Surface) ¹	A: 5 km ² B: 0.4 km ^{2, 4} C: 1,263 km ²
		Approximate area of IOL (Subsurface) ¹	A: 0.9 km ^{2, 4} B: 0 km ² C: 1 km ²
		Approximate area of IOL ³ subsurface agreements	0 km ²
WS-34: CAI – MVAs, Grise Fiord	MVAs for the community of Grise Fiord. Names: A. Bjorne – Bauman – Makinson, Ellesmere Island, and B. Sverdrup – Truelove – Brae, Devon Island	Total area	A: 6,051 km ² B: 5,450 km ²
		Approximate area of IOL (Surface) ¹	A: 2,719 km ² B: 252 km ²
		Approximate area of IOL (Subsurface) ¹	A: 540 km ² B: 0 km ²
		Approximate area of IOL ³ subsurface agreements	0 km ²

Written Submission No. and Title	Description of Supplementary Information	Geographic Information Type	Amount
WS-35: CAI – Flagler Bay Polynya	MVA (polynya) in Flagler Bay and near Alexandra Fiord for the community of Grise Fiord. Names: A. Bjorne – Bauman – Makinson, Ellesmere Island, and B. Sverdrup – Truelove – Brae, Devon Island	Total area	431 km ²
		Approximate area of IOL (Surface) ¹	0.7 km ^{2, 4}
		Approximate area of IOL (Subsurface) ¹	0.9 km ^{2, 4}
		Approximate area of subsurface agreements on IOL ³	0 km ²
WS-36: CAI – MVAs, Resolute Bay	MVAs for the community of Resolute Bay. Names: A. Allen Bay - Resolute Passage – Resolute Bay, B. Southeastern Bathurst Island – Western McDougall Sound, C. Southwestern Bathurst Island, and D. Maury Channel	Total area	A: 393 km ² B: 1,361 km ² C: 430 km ² D: 155 km ²
		Approximate area of IOL (Surface) ¹	A: 0.03 km ^{2, 4} B: 334 km ² C: 0.008 km ^{2, 4} D: 0 km ²
		Approximate area of IOL (Subsurface) ¹	A: 0.11 km ^{2, 4} B, C & D: 0 km ²
		Approximate area of subsurface agreements on IOL ³	0 km ²
WS-37: CAI – Traditional Inuit Homes and Camps	Traditional Inuit homes and camps in the Arctic Bay and Igloolik areas. Each home and camp should have a 5-km radius protected area around it. The 5-km protected areas around homes and camps that are within 10 km of each other were merged into continuous protected areas.	Homes and camps (H&C)	Number: 98 Total area: 1,443 km ²
		Homes and camps + 5-km protected areas (H&C+5)	Total area: 13,839 km ²
		Approximate area of IOL (Surface) ¹	H&C: 918 km ² H&C+5: 4,432 km ²
		Approximate area of IOL (Subsurface) ¹	H&C: 9 km ² H&C+5: 194 km ²
		Approximate area of subsurface agreements on IOL ³	0 km ²

Written Submission No. and Title	Description of Supplementary Information	Geographic Information Type	Amount
WS-38: CAI – Barnes Ice Cap	Barnes Ice Cap, Community Area of Interest, Clyde River	Total area	5,803 km ²
		Approximate area of IOL (Surface) ¹	0 km ²
		Approximate area of IOL (Subsurface) ¹	0 km ²
WS-39: CAI – MVA, Scott Inlet	Scott Inlet, MVA, Clyde River	No-shipping area Total area	1,420 km ² 3,156 km ²
		Approximate area of IOL (Surface) ¹	2 km ^{2, 4}
		Approximate area of IOL (Subsurface) ¹	0 km ²
WS-40: CAI – MVAs, Qikiqtarjuaq	MVAs for the community of Qikiqtarjuaq. Names: A. Home Bay, and B. Merchants Bay	Total area	A: 11,549 km ² B: 1,038 km ²
		Approximate area of IOL (Surface) ¹	A: 3,449 km ² B: 169 km ²
		Approximate area of IOL (Subsurface) ¹	A: 2 km ² + 1 km ^{2, 4} B: 18 km ²
		Approximate area of subsurface agreements on IOL ³	0 km ²
WS-41: CAI – Markham Bay – Western Hudson Strait – Foxe Channel	Marine water and island MVA for the communities of Cape Dorset and Kimmirut	Total area	18,633 km ²
		Approximate area of IOL (Surface) ¹	538 km ²
		Approximate area of IOL (Subsurface) ¹	25 km ² + 9 km ^{2, 4}
		Approximate area of subsurface agreements on IOL ³	0 km ²
WS-42: CAI – Marine and island MVAs, Belcher Islands	Marine water and island MVA for the community of Sanikiluaq	Number	6
		Total area	1,931 km ²
		Approximate area of IOL (Surface) ¹	0 km ²
		Approximate area of IOL (Subsurface) ¹	93 km ²
		Approximate area of subsurface	0 km ²

Written Submission No. and Title	Description of Supplementary Information	Geographic Information Type	Amount
WS-43: Site # 18 - Belcher islands and Site # 37 - Sleeper Islands	Amendments of Key Bird Habitat Sites # 18 and 37	Total area	18:17,742 km ² 37: 2,079 km ²
		Approximate area of IOL (Surface) ¹	0 km ²
		Approximate area of IOL (Subsurface) ¹	18: 2,164 km ² 13: 59 km ²
		Approximate area of subsurface agreements on IOL ³	18 (Parcel SQ-05): 12 km ² 37: 0 km ²

Abbreviations:

CAI = Community Areas of Interest

IOL = Inuit-owned Lands

km² = square kilometres

LLFPAs = Protected areas within 5 km of landlocked fishing lakes and rivers

LLSMWAs = Special management watershed areas up to 50 km upstream from landlocked fishing lakes and rivers

MVA = Multiple Values Areas

SRFPAs = Protected areas within 5 km of sea-run fishing lakes and rivers

SRSMWAs = Special management watershed areas up to 50 km upstream from sea-run fishing lakes and rivers

Subsurface = IOL with Surface and Subsurface Rights

Surface = IOL with Surface Rights (only)

WS = Written Submission (submitted to NPC by QWB in November 2018)

¹ Available layer of IOL is misaligned from regional base map at shorelines by an average of 98 m.

³ IOL subsurface agreements include parcels with: Mineral Production Leases, Crown Mining Leases (Grandfathered Leases), and Exploration Agreements.

⁴ Due to misalignment of layers.