



Sahtu Land Use Planning Board

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Supplemental Mapping:

**Alternative Zoning Maps for the Nááts'ihch'oh Area
Zone 41 South Nahanni Watershed SMZ**

January 9, 2017



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PURPOSE

This document contains a compilation of the different parcels that make up the proposed Zone 41 South Nahanni Watershed SMZ, as presented at the December 20, 2016 Board meeting. The parcels are displayed by a series of small scale maps to aid the MVRMA approval parties' review of the proposed alternative zoning.

In addition, a trial metes and bounds description for these two zones was completed and is attached to this document. The 2013 SLUP zone descriptions do not provide this level of detail. Should an amendment application be advanced, this information would not be included. However, this represents the detail that the SLUPB aims to provide in a 5-year review to better describe all SLUP Zones. Comments on the format will be accepted to improve the Board's approach toward this 5-year review goal.



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ZONE AREA CALCULATION CLARIFICATION

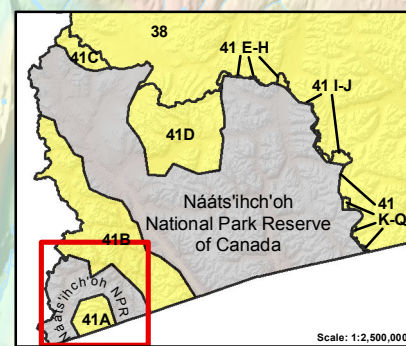
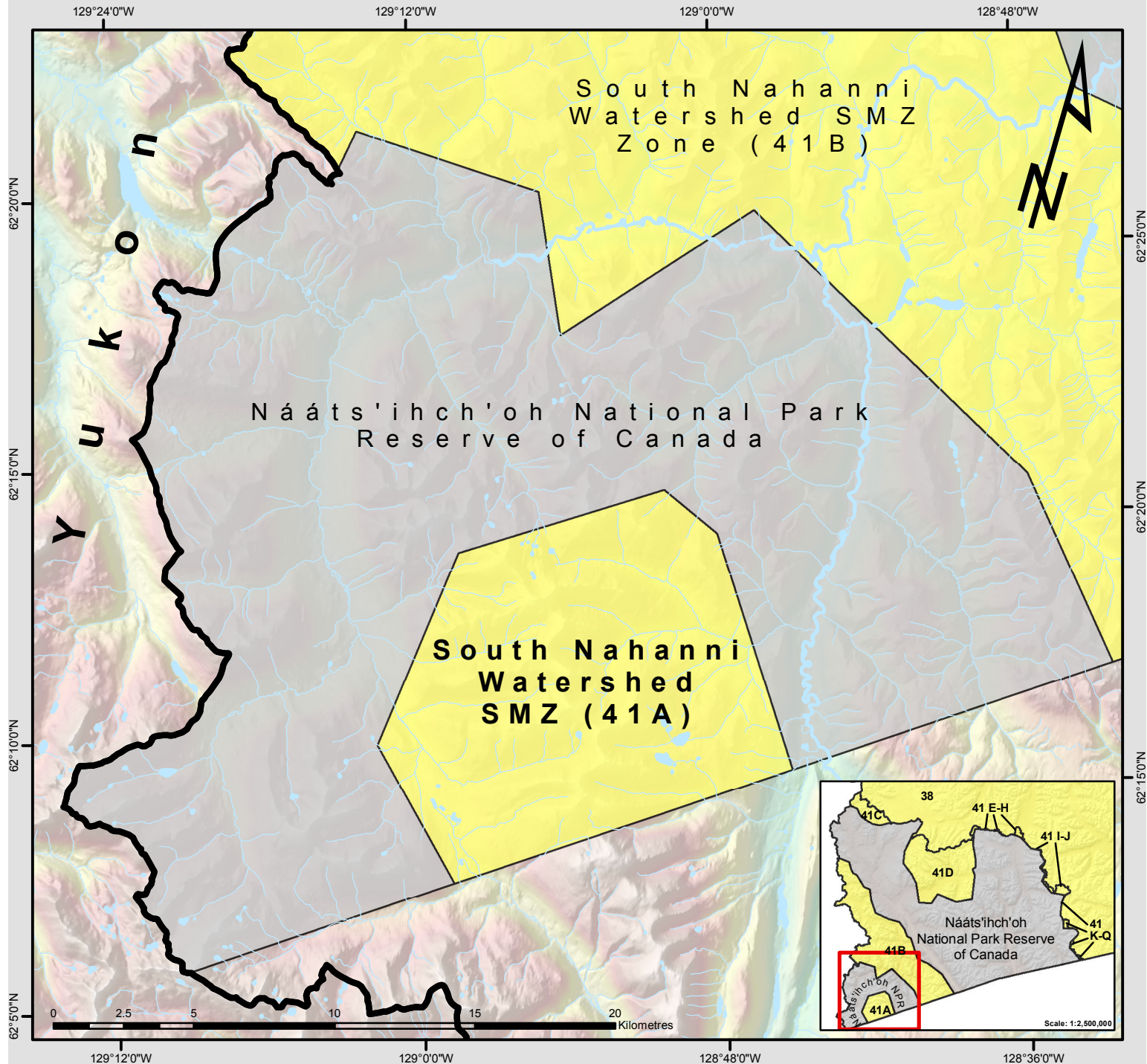
As a living document, the Board is employing new methods to better represent the SLUP through its mapping and geographical datasets. In these efforts to improve the SLUP, reviewers may note differences in area calculations when comparing the 2013 SLUP and zones proposed in the draft amendment application. Rather than replicate a less accurate previously used GIS methodology to calculate area, the Board is choosing to use a different projection during the amendment process. The end result is intended to be a more accurate area calculation of the Nááts'ihch'oh area (Nááts'ihch'oh National Park Reserve of Canada, Zone 38 Mackenzie Mountains SMZ, and Zone 41 South Nahanni Watershed SMZ).

For clarification, the new methodology was only used to recalculate areas within the scope of the process. These are the lands that were within Nááts'ihch'oh PCI Zone 41. The area of these zones were calculated using the standard projection used in the Northwest Territories, that being NAD 1983 NWT Lambert (Lambert Conformal Conic).

As all other SLUP zones fall outside of the scope of this amendment, they were not recalculated using this new methodology. Therefore the total area of land within the Sahtu Settlement Area as listed in the SLUP will not be changed. This means that the sum of all individual zone areas will not equal the listed total of the Sahtu Settlement Area (SSA).

Readers should understand that this does not affect zone delineation or mapping, only the calculation of area. While it may seem unusual that the sum of zone areas does not equal the total SSA, it does mark an advancement in improving the accuracy of calculating the areas for a portion of the SLUP. The Board will endeavour to have improved zone area recalculations for all zones utilizing a proposed standard methodology for the 5-year review of the SLUP.

South Nahanni Watershed SMZ Zone 41A



Legend

	Territorial Boundary	SLUP Zoning
	Rivers	Zone Type
	Lakes	Community Boundary
		Conservation Zone
		General Use Zone
		Established Protected Area
		Proposed Conservation Initiative
		Special Management Zone

Data Sources:

- Digital Elevation Model - CDEM 1:50,000, Natural Resources Canada, Government of Canada.
- Rivers and Lakes - CANVEC+, Department of Natural Resources Canada, Government of Canada, 2014.
- Territorial Boundary - NRCAN Surveyed Cadastral Data, Department of Natural Resources, Government of Canada, 2014.

Projection:

Coordinate System: NAD 1983 NWT Lambert
Projection: Lambert Conformal Conic
Datum: North American 1983
Central Meridian: -112.0000
Standard Parallel 1: 62.0000
Standard Parallel 2: 70.0000
Latitude of Origin: 0.000
EPSG Code: CRS 3580
Map Scale: 1:200,000

Information:

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This map was developed by the Sahtu Land Use Planning Board (SLUPB).

For further information about this map or other GIS products, contact:

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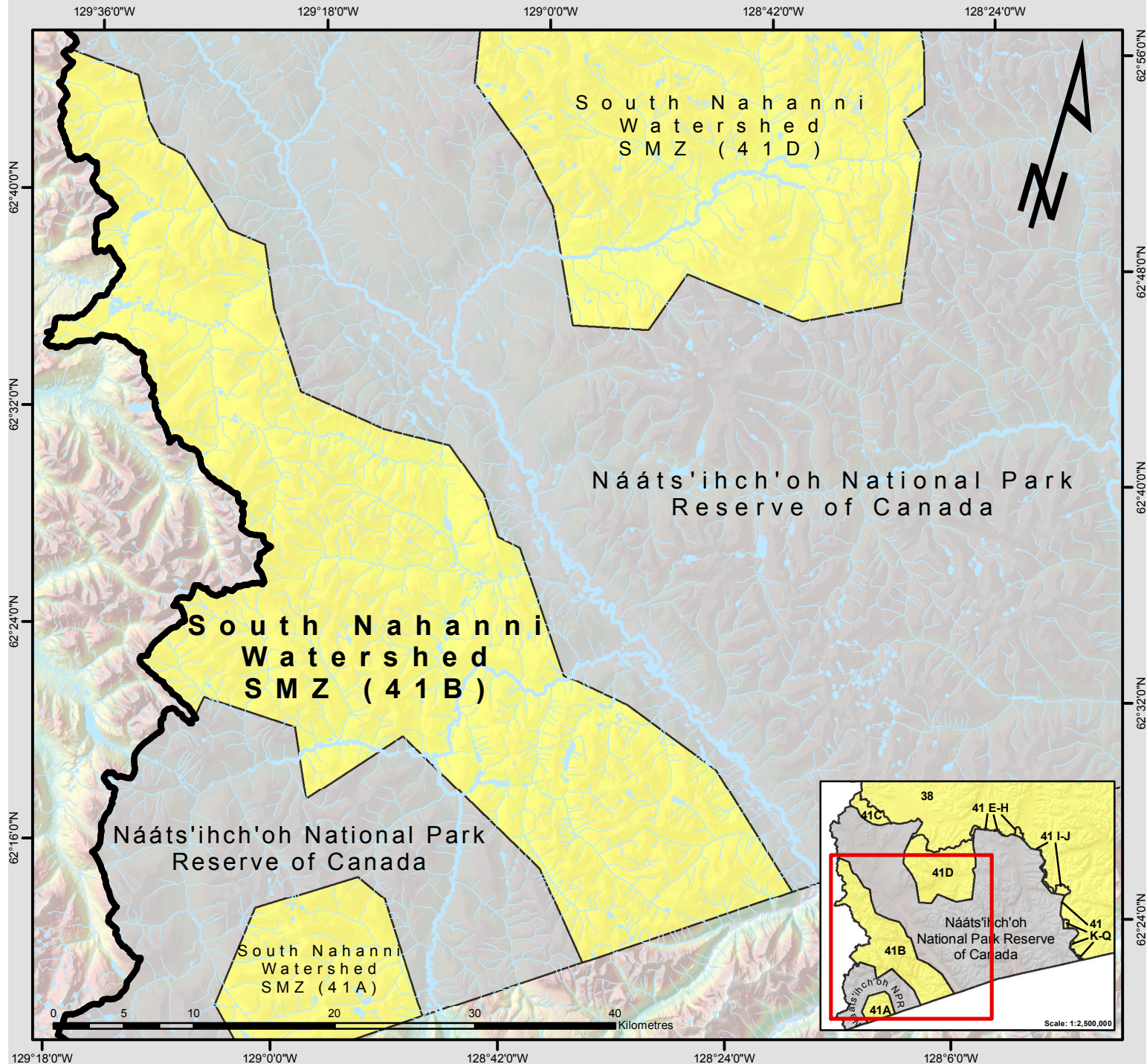
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South Nahanni Watershed SMZ Zone 41B



Legend

	Territorial Boundary	SLUP Zoning
	Rivers	Zone Type
	Lakes	Community Boundary
		Conservation Zone
		General Use Zone
		Established Protected Area
		Proposed Conservation Initiative
		Special Management Zone

Data Sources:

- Digital Elevation Model - CDEM 1:50,000, Natural Resources Canada, Government of Canada.
- Rivers and Lakes - CANVEC+, Department of Natural Resources Canada, Government of Canada, 2014.
- Territorial Boundary - NRCAN Surveyed Cadastral Data, Department of Natural Resources, Government of Canada, 2014.

Projection:

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Projection: Lambert Conformal Conic
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Latitude of Origin: 0.000
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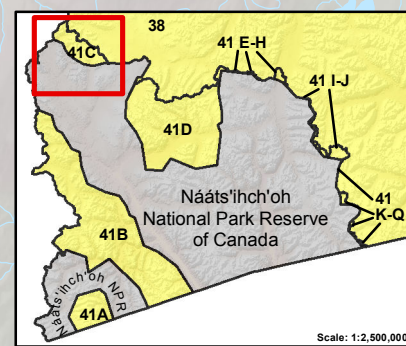
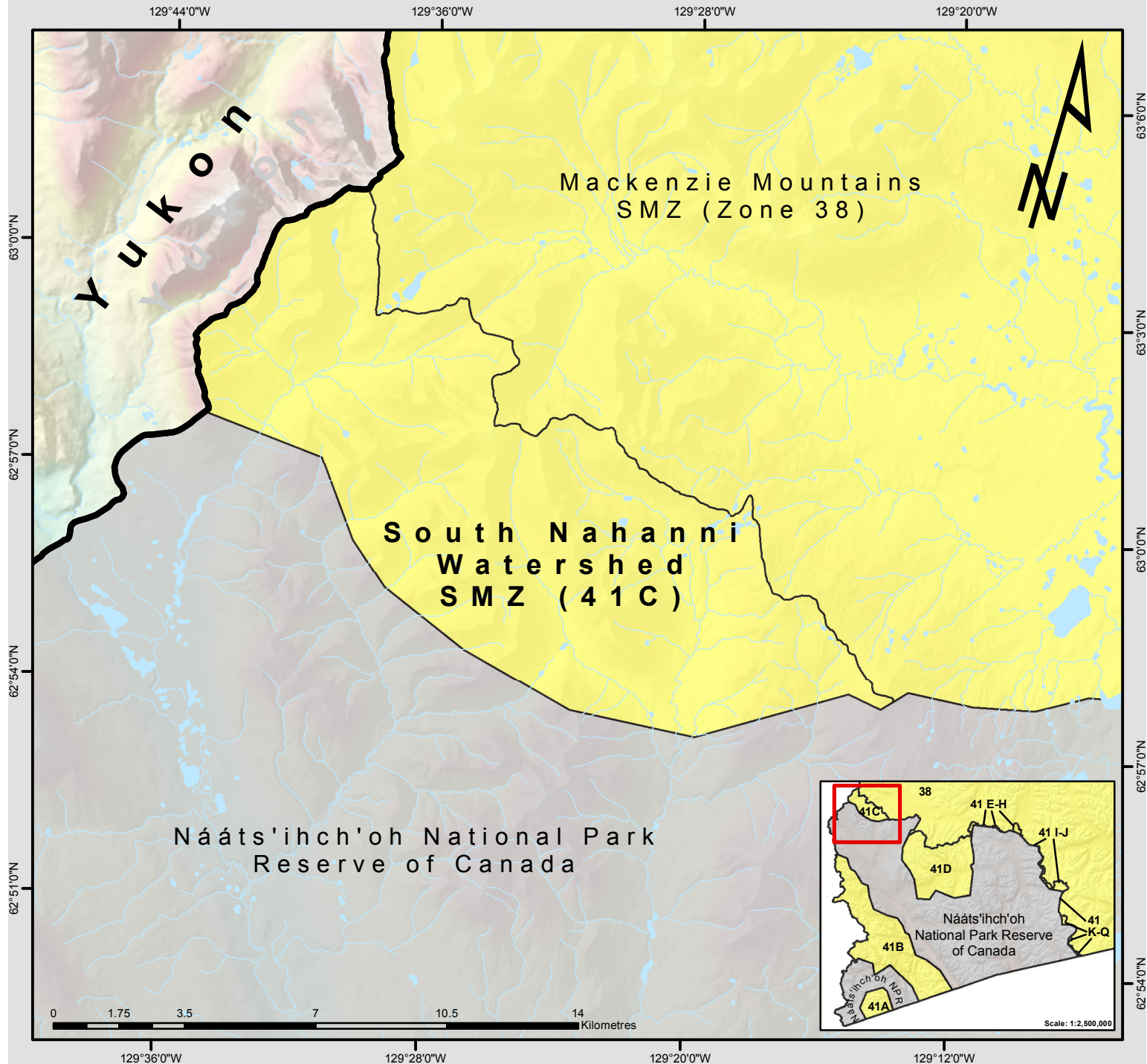
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South Nahanni Watershed SMZ Zone 41C



Legend

	Territorial Boundary	SLUP Zoning
	Rivers	Zone Type
	Lakes	Community Boundary
		Conservation Zone
		General Use Zone
		Established Protected Area
		Proposed Conservation Initiative
		Special Management Zone

Data Sources:

- Digital Elevation Model - CDEM 1:50,000, Natural Resources Canada, Government of Canada.
- Rivers and Lakes - CANVEC+, Department of Natural Resources Canada, Government of Canada, 2014.
- Territorial Boundary - NRCAN Surveyed Cadastral Data, Department of Natural Resources, Government of Canada, 2014.

Projection:

Coordinate System: NAD 1983 NWT Lambert
Projection: Lambert Conformal Conic
Datum: North American 1983
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Latitude of Origin: 0.000
EPSG Code: CRS 3580
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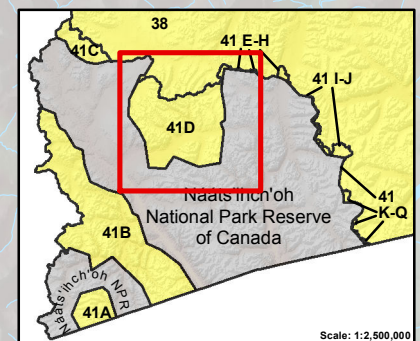
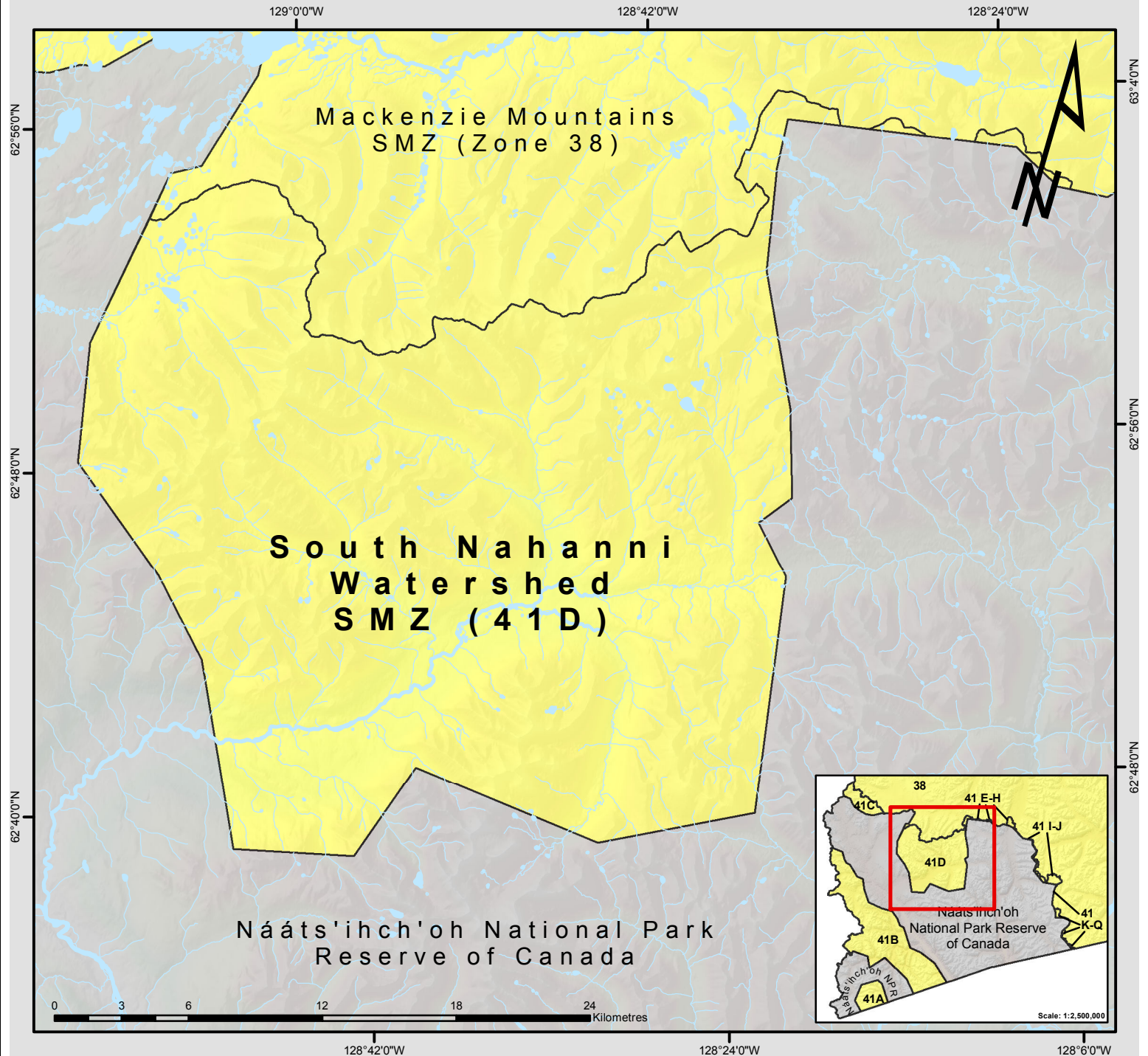
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South Nahanni Watershed SMZ Zone 41D



Legend

Territorial Boundary	SLUP Zoning
Rivers	Zone Type
Lakes	Community Boundary
	Conservation Zone
	General Use Zone
	Established Protected Area
	Proposed Conservation Initiative
	Special Management Zone

Data Sources:

- Digital Elevation Model - CDEM 1:50,000, Natural Resources Canada, Government of Canada.
- Rivers and Lakes - CANVEC+, Department of Natural Resources Canada, Government of Canada, 2014.
- Territorial Boundary - NRCAN Surveyed Cadastral Data, Department of Natural Resources, Government of Canada, 2014.

Projection:

Coordinate System: NAD 1983 NWT Lambert
Projection: Lambert Conformal Conic
Datum: North American 1983
Central Meridian: -112.0000
Standard Parallel 1: 62.0000
Standard Parallel 2: 70.0000
Latitude of Origin: 0.000
EPSG Code: CRS 3580
Map Scale: 1:250,000

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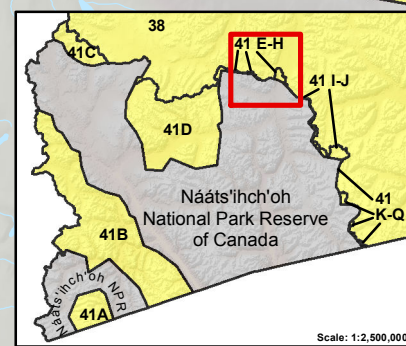
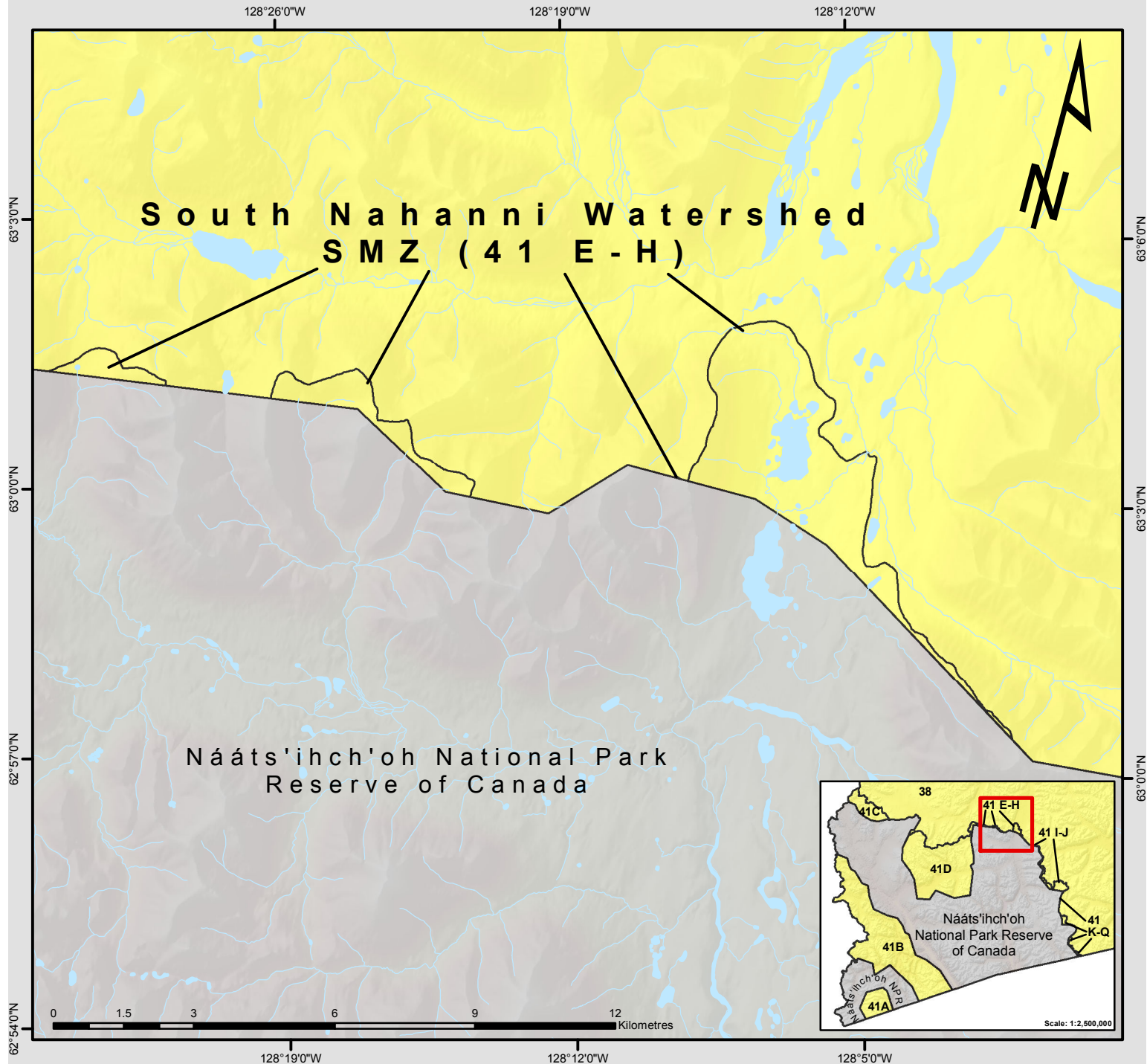
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South Nahanni Watershed SMZ


Zone 41 E-H



Legend








Territorial Boundary


Rivers


Lakes


SLUP Zoning


Zone Type


Community Boundary

Conservation Zone

General Use Zone

Established Protected Area

Proposed Conservation Initiative

Special Management Zone

Data Sources:

- Digital Elevation Model - CDEM 1:50,000, Natural Resources Canada, Government of Canada.
- Rivers and Lakes - CANVEC+, Department of Natural Resources Canada, Government of Canada, 2014.
- Territorial Boundary - NRCAN Surveyed Cadastral Data, Department of Natural Resources, Government of Canada, 2014.

Projection:

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 Projection: Lambert Conformal Conic
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 Standard Parallel 1: 62.0000
 Standard Parallel 2: 70.0000
 Latitude of Origin: 0.000
 EPSG Code: CRS 3580
 Map Scale: 1:120,000

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South Nahanni Watershed SMZ

Zone 41 I-K



127°58'0"W

127°51'0"W

127°44'0"W

127°37'0"W

63°0'0"N

62°57'0"N

62°54'0"N

62°51'0"N

62°48'0"N

63°30'0"N

63°0'0"N

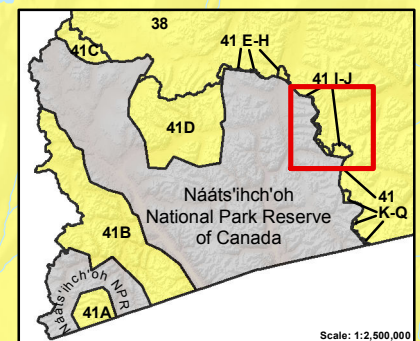
62°57'0"N

62°54'0"N

62°51'0"N

South Nahanni Watershed
SMZ (41 I-K)

Nááts'ihch'oh National Park
Reserve of Canada



127°51'0"W

127°44'0"W

127°37'0"W

127°30'0"W

Legend

	Territorial Boundary	SLUP Zoning
	Rivers	Zone Type
	Lakes	Community Boundary
		Conservation Zone
		General Use Zone
		Established Protected Area
		Proposed Conservation Initiative
		Special Management Zone

Data Sources:

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Projection:

Coordinate System: NAD 1983 NWT Lambert
Projection: Lambert Conformal Conic
Datum: North American 1983
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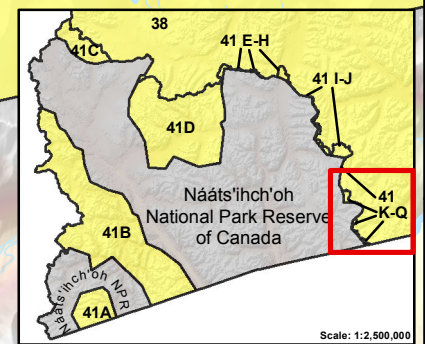
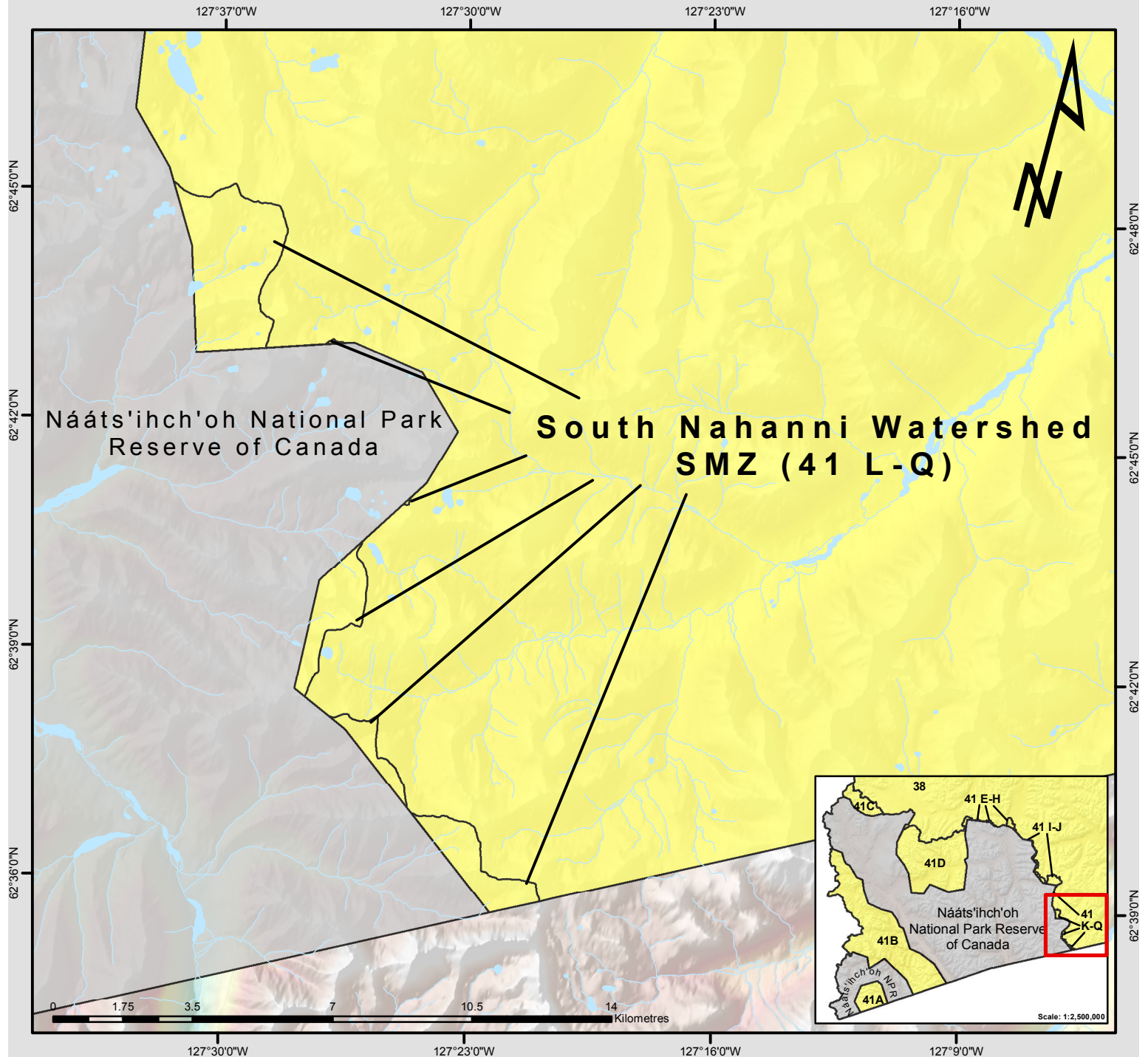
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South Nahanni Watershed SMZ

Zone 41 L-Q



Legend

	Territorial Boundary	SLUP Zoning
	Rivers	Zone Type
	Lakes	Community Boundary
		Conservation Zone
		General Use Zone
		Established Protected Area
		Proposed Conservation Initiative
		Special Management Zone

Data Sources:

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- Territorial Boundary - NRCAN Surveyed Cadastral Data, Department of Natural Resources, Government of Canada, 2014.

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METES AND BOUNDS DESCRIPTION FOR THE SOUTH NAHANNI WATERSHED SMZ, ZONE 41 A-Q

Metes and bounds

41A

Commencing at a point on the southerly boundary of the Sahtu Settlement Area, intersecting with the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 62°09'40" North and approximate longitude 129°00'36" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°11'49" North and longitude 129°05'10" West;

Thence northeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°15'47" North and longitude 129°04'05" West;

Thence northeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°18'00" North and longitude 128°56'38" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°17'28" North and longitude 128°54'04" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point intersecting with the southerly boundary of the Sahtu Settlement Area at latitude 62°13'30" North and approximate longitude 128°48'29" West;

Thence generally southwesterly along the southerly boundary of the Sahtu Settlement Area to the point of commencement.

41B

Commencing at a point on the Yukon/Northwest Territories boundary, intersecting with the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 62°45'32" North and approximate longitude 129°38'15" West;

Thence easterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°45'18" North and longitude 129°32'13" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°43'44" North and longitude 129°30'18" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°43'01" North and longitude 129°28'52" West;

Thence easterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°42'50" North and longitude 129°26'46" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°40'34" North and longitude 129°21'25" West;

Thence easterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°40'23" North and longitude 129°18'11" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°38'06" North and longitude 129°16'01" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°35'20" North and longitude 129°12'00" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°34'48" North and longitude 129°04'30" West;

Thence easterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°34'52" North and longitude 128°58'55" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°33'25" North and longitude 128°55'05" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°31'59" North and longitude 128°52'59" West;

Thence easterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°31'48" North and longitude 128°51'00" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°27'32" North and longitude 128°44'42" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°27'04" North and longitude 128°38'56" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°25'34" North and longitude 128°30'32" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point intersecting with the southerly boundary of the Sahtu Settlement Area at latitude 62°21'49" North and approximate longitude 128°21'47" West;

Thence generally southwesterly following the southerly boundary of the Sahtu Settlement Area, to a point intersecting with the boundary of Nááts'ihch'oh National Park Reserve of Canada at latitude 62°17'06" North and longitude 128°36'58" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°20'10" North and longitude 128°42'25" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°23'38" North and longitude 128°56'10" West;

Thence southwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°20'20" North and longitude 129°02'28" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°22'52" North and longitude 129°04'55" West;

Thence westerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°23'02" North and longitude 129°12'50" West;

Thence southerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point intersecting with the Yukon/Northwest Territories Boundary at latitude 62°22'13" North and approximate longitude 129°13'08" West;

Thence generally northerly along the Yukon/Northwest Territories Boundary to the point of commencement.

41C

Commencing at a point on the boundary of the Yukon/Northwest Territories Boundary intersecting with the boundary of the Nááts'ihch'oh National Park Reserve of Canada, at latitude 62°58'18" North at approximate longitude 129°39'52" West;

Thence generally northerly following the Yukon/Northwest Territories Boundary, to a point intersecting with the boundary of Zone 38 Mackenzie Mountains Special Management Zone, at latitude 63°02'02" North and longitude 129°36'51" West;

Thence generally easterly following the boundary of Zone 38 Mackenzie Mountains Special Management Zone as defined by the limits of the Upper South Nahanni Watershed according to the National Hydrological Network, Natural Resources Canada (2016) dataset, to a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 62°56'59" North and longitude 129°16'27" West;

Thence southwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°56'50" North and longitude 129°16'46" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°56'56" North and longitude 129°17'52" West;

Thence southwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°55'44" North and longitude 129°22'12" West;

Thence westerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°55'37" North and longitude 129°26'13" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°56'02" North and longitude 129°29'56" West

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°56'35" North and longitude 129°32'53" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°57'07" North and longitude 129°34'16" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°58'08" North and longitude 129°35'56" West;

Thence westerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada to the point of commencement.

41D

Commencing at a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada, intersecting with the boundary of Zone 38 Mackenzie Mountains Special Management Zone at latitude 62°54'42" North and longitude 129°04'50" West;

Thence general easterly following the boundary of Zone 38 Mackenzie Mountains Special Management Zone as defined by the limits of the Upper South Nahanni Watershed according to the National Hydrological Network, Natural Resources Canada (2016) dataset, to a point intersecting with the boundary of Nááts'ihch'oh National Park Reserve of Canada at latitude 63°01'16" North and longitude 128°30'48" West;

Thence westerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 63°01'05" North and longitude 128°33'36" West;

Thence southerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°59'53" North and longitude 128°33'29" West;

Thence southerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°57'25" North and longitude 128°32'35" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°54'22" North and longitude 128°29'28" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°52'16" North and longitude 128°28'08" West;

Thence southwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°51'29" North and longitude 128°29'31" West;

Thence southeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°50'24" North and longitude 128°27'22" West;

Thence southerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°44'42" North and longitude 128°25'44" West;

Thence southwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°43'01" North and longitude 128°33'18" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°43'37" North and longitude 128°43'34" West;

Thence southwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°41'10" North and longitude 128°45'29" West;

Thence westerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°40'34" North and longitude 128°51'40" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, at latitude 62°44'46" North and longitude 128°55'55" West;

Thence northwesterly in a straight line to a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada, at latitude 62°46'26" North and longitude 128°59'17" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°48'32" North and longitude 129°04'59" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°51'25" North and longitude 129°06'04" West;

Thence northeasterly in a straight line following the boundary of Nááts'ihch'oh National Park Reserve of Canada, to the point of commencement.

41E

Commencing at a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada, intersecting with the boundary of Zone 38 Mackenzie Mountains Special Management Zone at latitude 63°01'22" North and longitude 128°29'17" West;

Thence generally easterly following Zone 38 Mackenzie Mountains Special Management Zone as defined by the limits of the Upper South Nahanni Watershed according to the National Hydrological Network, Natural Resources Canada (2016) dataset, to a point intersecting with the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 63°01'33" North and longitude 128°26'19" West;

Thence westerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada to the point of commencement.

41F

Commencing at a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada, intersecting with the boundary of Zone 38 Mackenzie Mountains Special Management Zone at latitude 63°01'44" North and longitude 128°23'41" West;

Thence generally easterly following the boundary of Mackenzie Mountains Special Management Zone as defined by the limits of the Upper South Nahanni Watershed according to the National Hydrological Network, Natural Resources Canada (2016) dataset, to a point intersecting with the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 63°01'13" North and longitude 128°18'10" West;

Thence westerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at 63°01'12" North and longitude 128°18'47" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at 63°01'52" North and longitude 128°21'29" West;

Thence westerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada to the point of commencement.

41G

Commencing at a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada, intersecting with the boundary of Zone 38 Mackenzie Mountains Special Management Zone at latitude 63°02'02" North and longitude 128°13'19" West;

Thence generally easterly following the boundary of Zone 38 Mackenzie Mountains Special Management Zone as defined by the limits of the Upper South Nahanni Watershed according to the National Hydrological Network, Natural Resources Canada (2016) dataset, to a point intersecting with the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 63°02'02" North and longitude 128°13'07" West;

Thence westerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada to the point of commencement.

41H

Commencing at a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada, intersecting with Zone 38 Mackenzie Mountains Special Management Zone at latitude 63°02'02" North and longitude 128°12'56" West;

Thence generally easterly following the boundary of Zone 38 Mackenzie Mountains Special Management Zone as defined by the limits of the Upper South Nahanni Watershed according to the National Hydrological Network, Natural Resources Canada (2016) dataset, to a point intersecting with the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 63°00'06" North and longitude 128°03'19" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 63°01'44" North and longitude 128°09'07" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 63°02'02" North and longitude 128°11'10" West;

Thence westerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada to the point of commencement.

41I

Commencing at a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada, intersecting with Zone 38 Mackenzie Mountains Special Management Zone at latitude 63°00'01" North and longitude 128°00'26" West;

Thence generally easterly following the boundary of Zone 38 Mackenzie Mountains Special Management Zone as defined by the limits of the Upper South Nahanni Watershed according to the National Hydrological Network, Natural Resources Canada (2016) dataset, to a point intersecting with

the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 63°00'02" North and 127°59'49" West;

Thence westerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada to the point of commencement.

41J

Commencing at a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada, intersecting with Zone 38 Mackenzie Mountains Special Management Zone at latitude 63°00'05" North and longitude 127°58'23" West;

Thence generally southeasterly following the boundary of Zone 38 Mackenzie Mountains Special Management Zone as defined by the limits of the Upper South Nahanni Watershed according to the National Hydrological Network, Natural Resources Canada (2016) dataset, to a point intersecting with the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 62°50'42" North and longitude 127°39'35" West;

Thence northerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°51'12" North and longitude 127°39'28" West;

Thence westerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°50'56" North and longitude 127°46'29" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°53'07" North and longitude 127°52'51" West;

Thence northeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°54'55" North and longitude 127°52'03" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°56'05" North and longitude 127°55'31" West;

Thence northeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°57'44" North and longitude 127°53'49" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°59'02" North and longitude 127°56'54" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, line to a point at latitude 63°00'07" North and longitude 127°57'38" West;

Thence westerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to the point of commencement.

41K

Commencing at a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada, intersecting with Zone 38 Mackenzie Mountains Special Management Zone at latitude 62°50'10" North and longitude 127°39'43" West;

Thence generally southerly following the boundary of Zone 38 Mackenzie Mountains Special Management Zone as defined by the limits of the Upper South Nahanni Watershed according to the National Hydrological Network, Natural Resources Canada (2016) dataset, to a point intersecting with the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 62°49'53" North and longitude 127°39'47" West;

Thence northerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada to the point of commencement.

41L

Commencing at a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada, intersecting with Zone 38 Mackenzie Mountains Special Management Zone at latitude 62°45'32" North and longitude 127°37'34" West;

Thence generally easterly and then southerly following the boundary of Zone 38 Mackenzie Mountains Special Management Zone as defined by the limits of the Upper South Nahanni Watershed according to the National Hydrological Network, Natural Resources Canada (2016) dataset, to a point intersecting with the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 62°43'40" North and longitude 127°33'33" West;

Thence southwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°43'23" North and longitude 127°35'31" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°44'46" North and longitude 127°36'25" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to the point of commencement.

41M

Commencing at a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada, intersecting with Zone 38 Mackenzie Mountains Special Management Zone at latitude 62°43'55" North and longitude 127°31'53" West;

Thence generally easterly following the boundary of Zone 38 Mackenzie Mountains Special Management Zone as defined by the limits of the Upper South Nahanni Watershed according to the National Hydrological Network, Natural Resources Canada (2016) dataset, to a point intersecting with the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 62°44' North and longitude 127°31'21" West;

Thence westerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada to the point of commencement.

41N

Commencing at a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada, intersecting with Zone 38 Mackenzie Mountains Special Management Zone at latitude 62°42'12" North and longitude 127°28'20" West;

Thence generally southerly and then westerly following the boundary of Zone 38 Mackenzie Mountains Special Management Zone as defined by the limits of the Upper South Nahanni Watershed according to the National Hydrological Network, Natural Resources Canada (2016) dataset, to a point intersecting with the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 62°42'03" North and longitude 127°28'33" West;

Thence northeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada to the point of commencement.

41O

Commencing at a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada, intersecting with Zone 38 Mackenzie Mountains Special Management Zone at latitude 62°41'28" North and longitude 127°29'24" West;

Thence generally southerly following the boundary of Zone 38 Mackenzie Mountains Special Management Zone as defined by the limits of the Upper South Nahanni Watershed according to the National Hydrological Network, Natural Resources Canada (2016) dataset, to a point intersecting with the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 62°39'14" North and longitude 127°29'57" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°39'18" North and longitude 127°30'18" West;

Thence northerly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°40'48" North and longitude 127°30'22" West;

Thence northeasterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada to the point of commencement.

41P

Commencing at a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada, intersecting with Zone 38 Mackenzie Mountains Special Management Zone at latitude 62°39'03" North and longitude 127°29'07" West;

Thence generally easterly and then southeasterly following the boundary of Zone 38 Mackenzie Mountains Special Management Zone as defined by the limits of the Upper South Nahanni Watershed according to the National Hydrological Network, Natural Resources Canada (2016) dataset, to a point intersecting with the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 62°38'06" North and longitude 127°26'14" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada, to a point at latitude 62°38'56" North and longitude 127°28'34" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada to the point of commencement.

41Q

Commencing at a point on the boundary of the Nááts'ihch'oh National Park Reserve of Canada, intersecting with Zone 38 Mackenzie Mountains Special Management Zone at latitude 62°38'03" North and longitude 127°26'04" West;

Thence generally easterly and then southerly following the boundary of Zone 38 Mackenzie Mountains Special Management Zone as defined by the limits of the Upper South Nahanni Watershed according to the National Hydrological Network, Natural Resources Canada (2016) dataset, to a point at latitude 62°37'29" North and longitude 127°23'21" West;

Thence southeasterly in a straight line following the boundary of Zone 38 Mackenzie Mountains Special Management Zone, to a point intersecting with the boundary of the Nááts'ihch'oh National Park Reserve of Canada at latitude 62°37'01" North and longitude 127°23'10" West;

Thence northwesterly in a straight line following the boundary of the Nááts'ihch'oh National Park Reserve of Canada to the point of commencement.