

NTS Topographic Map Sheet Numbers

107B / 106 N.O.P.

Latitude / Longitude and UTM System:

Lat 68.23' 59" N, Lon -133.18'30" W; UTM Zone m, Northing m
Lat 68.14' 35" N, Lon -133.5'35" W; UTM Zone m, Northing m
Lat 68. 8' 52" N, Lon -132.56'13" W; UTM Zone m, Northing m
Lat 67.29' 4" N, Lon -130.49'34" W; UTM Zone m, Northing m

Nearest Community and Water Body:

Inuvik / Norris Creek
Inuvik / Campbell Lake
Inuvik / North Caribou Lake
Tsiigehtchic / Thunder River

Land Status (*consultation information*)

Free Hold / Private Commissioners Land Federal Crown Land Municipal Land

Transboundary Implications

British Columbia Alberta Saskatchewan Manitoba Yukon
 Nunavut Wood Buffalo National Park Inuvialuit Settlement Region

Type of Transboundary Implication: Impact / Effect Development

Public Concern _____
(DESCRIBE)

PHYSICAL - CHEMICAL EFFECTS

IMPACT

MITIGATION

1. Ground Water

water table alteration

water quality changes

infiltration changes

other

N/A

IMPACT

MITIGATION

2. Surface Water

flow or level changes

Water quality changes

Water quantity changes

Drainage pattern changes

temperature

wetland changes / loss

other:

N/A

IMPACT

MITIGATION

3. Noise

noise in/near water

other: noise increase

N/A

IMPACT

MITIGATION

4. Land

geologic structure changes

soil contamination

Spill Contingency Plan will be in place to address potential spills with the requirement of contacting the NWT 24-Hour Spill Line at (867) 920-8130. (Land Use Permit Conditions 13, 28, 29 and 35.)

buffer zone loss

soil compaction & settling

Destabilization / erosion

permafrost regime alteration

other:

N/A

IMPACT

MITIGATION

5. Non Renewable Natural Resources

resource depletion

other:

N/A

IMPACT

MITIGATION

6. Air/Climate/ Atmosphere

Ice fog and emissions from generator

Burning of slash from clearing

**BIOLOGICAL ENVIRONMENT
IMPACT**

MITIGATION

1. Vegetation

- species composition
- species introduction
- toxin / heavy accumulation
- other:
- N/A

Minor disturbance from the Bore Hole Drill

IMPACT

MITIGATION

2. Wildlife & Fish

- effects on rare, threatened or endangered species
- fish population changes
- waterfowl population changes
- breeding disturbance
- population reduction
- species diversity change
- health changes
(waste may be harmful to wildlife)
- behavioural changes
(avoidance behaviour and blockage of migration or movement corridors)
- habitat changes / effects
- game species effects
- toxins / heavy metals
- forestry changes
- agricultural changes
- other:
- N/A

**INTERACTING ENVIRONMENT
IMPACT**

MITIGATION

1. Habitat and Communities

- predator-prey
- wildlife habitat / ecosystem
Composition changes
- reduction / removal of
keystone or endangered
species
- removal of wildlife corridor or
buffer zone
- other:
- N/A

IMPACT

MITIGATION

2. Social and Economic

- planning / zoning changes or
conflicts
- increase in urban facilities or
services use
- rental house
- airport operations / capacity
changes
- human health hazard
- impair the recreational use of
water or aesthetic quality
- affect water use for other
purposes
- affect other land use
operations
- quality of life changes
- public concern
- other:
- N/A

IMPACT

MITIGATION

3. Cultural and Heritage

- affects to historic property
- increased economic pressure
on historic properties
- change to or loss of historic
resources
- change to or loss of
archaeological resources

- increased pressure on archaeological sites
- change to or loss of aesthetically important site

affects to aboriginal lifestyle

other:

N/A

NOTES:

PRELIMINARY SCREENER / REFERRING BODY INFORMATION
(CHECK ALL THAT APPLY)

	RA or DRA	ADVICE	PERMIT REQUIRED
<u>Federal</u>			
ENVIRONMENT CANADA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FISHERIES & OCEANS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
INDIAN AFFAIRS & NORTHERN DEVELOPMENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
MACKENZIE VALLEY LAND AND WATER BOARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MACKENZIE VALLEY ENVIRONMENTAL IMPACT REVIEW BOARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Territorial</u>			
PRINCE OF WALES NORTHERN HERITAGE CENTRE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENT & NATURAL RESOURCES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Aboriginal / First Nation</u>			
GWICH'IN LAND & RESOURCES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GWICH'IN LAND USE PLANNING BOARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GWICH'IN RENEWABLE RESOURCES BOARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GWICH'IN SOCIAL & CULTURAL INSTITUTE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NIIHTAT GWICH'IN BAND	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TSIIGEHTCHIC COMMUNITY CHARTER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REASONS FOR DECISION
 (LIST ALL REASONS AND SUPPORTING RATIONALES FOR PRELIMINARY SCREENING DECISION)

No significant environmental impacts are anticipated.

<input type="checkbox"/>	PRELIMINARY SCREENING DECISION
<input checked="" type="checkbox"/>	Outside Local Government Boundaries
<input type="checkbox"/>	The development proposal might have a significant adverse impact on the environment, <i>refer it to the EIRB.</i>
<input type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>
<input type="checkbox"/>	The development proposal might have public concern, <i>refer it to the EIRB.</i>
<input checked="" type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>
<input type="checkbox"/>	Wholly within Local Government Boundaries
<input type="checkbox"/>	The development proposal is likely to have a significant adverse impact on air, water or renewable resources, <i>refer it to the EIRB.</i>
<input type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>
<input type="checkbox"/>	The development proposal might have public concern, <i>refer it to the EIRB.</i>
<input type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>

Preliminary Screening Organization

Signatures

Gwich'in Land and Water Board

