

List of Quarries/Pit Run on Highway 7 Km 0-254.1

2023 LUP Renewal: MV2016E0025

Hwy 7 KM 1.3 Lt – Pit Run & Stockpile Area

Quarry Permit Application Liard Highway (No. 7) Km 1.3		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
N Corner	60° 0'32.02"N	122°56'57.93"W
E Corner	60° 0'26.33"N	122°56'46.69"W
S Corner	60° 0'15.98"N	122°57'4.10"W
W Corner	60° 0'21.74"N	122°57'15.16"W

Hwy 7 KM 3.0 Rt – Bedrock Quarry Expansion & Stockpile Area

Quarry Permit Application Liard Highway (No. 7) Km 3.0		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
NW Corner	60° 1'37.63"N	122°58'8.61"W
NE Corner	60° 1'40.31"N	122°57'21.28"W
SE Corner	60° 0'58.90"N	122°57'35.20"W
SW Corner	60° 0'58.40"N	122°57'48.00"W

Hwy 7 KM 22.8 Lt – Pit Run & Stockpile Area

Quarry Permit Application Liard Highway (No. 7) Km 22.8		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
NW Corner	60° 8'29.17"N	123°13'29.45"W
N Corner	60° 8'33.99"N	123°13'7.15"W
NE Corner	60° 8'33.69"N	123°12'39.55"W
SE Corner	60° 8'30.43"N	123°12'34.00"W
SW Corner	60° 8'21.59"N	123°13'14.63"W

Hwy 7 KM 23.3 Rt – Pit Run & Stockpile Area

Quarry Permit Application Liard Highway (No. 7) Km 23.3		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
NW Corner	60° 8'46.94"N	123°12'55.03"W
N Corner	60° 8'51.61"N	123°12'30.86"W
NE Corner	60° 8'48.82"N	123°12'8.84"W
SE Corner	60° 8'45.77"N	123°12'8.18"W
SW Corner	60° 8'40.81"N	123°12'44.86"W

Hwy 7 KM 30.0 Rt – Pit Run/Sandstone Bedrock Expansion & Stockpile Area

Quarry Permit Application Liard Highway (No. 7) Km 30.0		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
NW Corner	60°10'51.32"N	123°18'59.12"W
NE Corner	60°11'1.26"N	123°18'15.99"W
SE Corner	60°10'51.84"N	123°18'5.73"W
SW Corner	60°10'40.40"N	123°18'36.92"W

HWY 7 Km 32.0 Rt – Pit Run & Stockpile Area

Quarry Permit Application Liard Highway (No. 7) Km 32.0		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
N Corner	60°11'44.66"N	123°20'3.03"W
E Corner	60°11'36.64"N	123°19'55.76"W
S Corner	60°11'33.11"N	123°20'9.01"W
W Corner	60°11'40.75"N	123°20'20.11"W

Hwy 7 Km 38 Lt (Ft. Liard Access Road Near Airport) – Pit Run Sand

Quarry Permit Application Liard Highway (No. 7) Km 38		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
W Corner	60°13'43.77"N	123°28'3.65"W
N Corner	60°13'50.02"N	123°27'51.12"W
E Corner	60°13'40.29"N	123°26'30.67"W
S Corner	60°13'22.16"N	123°27'7.02"W

Hwy 7 Km 43.4 Rt (Muskeg River) – Pit Run Undeveloped

Quarry Permit Application Liard Highway (No. 7) Km 43.4		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
N Corner	60°17'49.17"N	123°17'3.43"W
W Corner	60°17'22.38"N	123°17'49.42"W
S Corner	60°16'52.52"N	123°16'49.55"W
SE Corner	60°17'0.70"N	123°15'54.77"W
E Corner	60°17'26.66"N	123°15'55.09"W

HWY 7 Km 46.7 Lt – Near Depleted Pitrun, Stockpile Site

Quarry Permit Application Liard Highway (No. 7) Km 46.7		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
W Corner	60°18'10.83"N	123°20'0.69"W
N Corner	60°18'31.89"N	123°19'16.69"W
E Corner	60°18'25.31"N	123°19'1.00"W
S Corner	60°18'2.43"N	123°19'54.97"W

Hwy 7 Km 67.0 Lt – Pit Run & Stockpile Area

Quarry Permit Application Liard Highway (No. 7) Km 67.0		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
N Corner	60°28'51.69"N	123°23'33.28"W
E Corner	60°28'44.57"N	123°23'20.45"W
S Corner	60°28'36.33"N	123°23'31.41"W
W Corner	60°28'41.26"N	123°23'50.26"W

Hwy 7 Km 74.5 Lt – Bedrock Quarry

Quarry Permit Application Liard Highway (No. 7) Km 74.5		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
NE Corner	60°31'50.53"N	123°27'37.35"W
E Corner	60°31'41.11"N	123°27'19.14"W
S Corner	60°31'25.54"N	123°27'51.05"W
W Corner	60°31'41.07"N	123°28'18.63"W
NW Corner	60°31'45.70"N	123°28'6.56"W
N Corner	60°31'45.14"N	123°27'53.11"W

Hwy 7 Km 75.0 Rt – Existing Bedrock Quarry

Quarry Permit Application Liard Highway (No. 7) Km 75.0		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
N Corner	60°32'26.36"N	123°28'2.18"W
E Corner	60°32'14.38"N	123°27'34.33"W
S Corner	60°32'4.42"N	123°27'53.50"W
W Corner	60°32'18.94"N	123°28'19.60"W

Hwy 7 Km 80.6 Lt – Existing Bedrock Area with Expansions

Quarry Permit Application Liard Highway (No. 7) Km 80.6		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
NW Corner	60°35'27.72"N	123°29'34.76"W
NE Corner	60°35'25.73"N	123°28'58.54"W
SE Corner	60°34'43.84"N	123°29'11.54"W
SW Corner	60°34'47.00"N	123°29'46.14"W

Hwy 7 Km 92.3 Rt – Pit Run

Quarry Permit Application Liard Highway (No. 7) Km 92.3		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
N Corner	60°40'48.11"N	123°26'35.79"W
E Corner	60°40'42.37"N	123°26'23.00"W
S Corner	60°40'30.18"N	123°26'47.35"W
W Corner	60°40'36.52"N	123°27'1.27"W

Hwy 7 Km 99.6 Lt – Pit Run

Quarry Permit Application Liard Highway (No. 7) Km 99.6		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
NW Corner	60°43'35.83"N	123°20'12.07"W
NE Corner	60°43'43.98"N	123°19'39.99"W
SE Corner	60°43'36.56"N	123°19'33.68"W
SW Corner	60°43'28.74"N	123°20'1.13"W

Hwy 7 Km 126 Rt – Old Borrow Source & Pit Run Site

Quarry Permit Application Liard Highway (No. 7) Km 126		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
N Corner	60°55'16.04"N	123° 7'14.93"W
NE Corner	60°55'10.32"N	123° 6'58.87"W
E1 Corner	60°54'49.93"N	123° 7'13.36"W
E2 Corner	60°54'48.70"N	123° 7'27.32"W
SE Corner	60°54'33.65"N	123° 7'36.97"W
SW Corner	60°54'36.44"N	123° 7'48.91"W
W Corner	60°55'0.22"N	123° 7'41.12"W

Hwy 7 Km 147.4 Lt – Pit Run & Stockpile Site

Quarry Permit Application Liard Highway (No. 7) Km 147.4		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
NW Corner	61° 4'35.63" N	122°53'46.81"W
NE Corner	61° 4'28.20"N	122°53'13.38"W
SE Corner	61° 3'49.16"N	122°53'38.64"W
SW Corner	61° 3'52.58"N	122°54'15.73"W

Hwy 7 Km 147.5 Rt – Pit Run & Stockpile Site

Quarry Permit Application Liard Highway (No. 7) Km 147.5		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
N Corner	61° 4'6.88"N	122°52'56.93"W
NE Corner	61° 3'59.60"N	122°52'42.25"W
E Corner	61° 3'48.36"N	122°52'28.85"W
SE Corner	61° 3'40.35"N	122°52'29.79"W
S Corner	61° 3'36.19"N	122°53'3.52"W
SW Corner	61° 3'45.82"N	122°53'9.89"W
W Corner	61° 3'48.25"N	122°53'30.10"W
NW Corner	61° 4'2.10"N	122°53'22.67"W

Hwy 7 Km 170 to 200 Rt – Undeveloped Bedrock Site

Quarry Permit Application Liard Highway (No. 7) Km 170 to 200		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
W Corner	61° 8'36.76"N	122°31'27.73"W
S Corner	61° 8'30.57"N	122°31'13.63"W
N Corner	61°16'43.86"N	122° 2'43.52"W
E Corner	61°16'32.22"N	122° 2'28.21"W

Hwy 7 Km 200 Rt – Undeveloped Pit Run Site

Quarry Permit Application Liard Highway (No. 7) Km 200		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area 1		
NW Corner	61°19'22.95"N	122° 8'59.43"W
NE Corner	61°19'29.06"N	122° 8'5.70"W
SE Corner	61°19'19.89"N	122° 7'53.45"W
SW Corner	61°19'16.05"N	122° 8'26.30"W
LUP Area 2		
NW Corner	61°18'48.23"N	122° 4'15.31"W
NE Corner	61°18'45.20"N	122° 3'44.20"W
E Corner	61°18'32.20"N	122° 3'14.90"W
SE Corner	61°18'19.20"N	122° 3'2.10"W
S Corner	61°18'14.80"N	122° 3'30.80"W
SW Corner	61°18'14.07"N	122° 4'40.52"W
W Corner	61°18'31.94"N	122° 4'38.07"W

Hwy 7 Km 201.2 Lt – Existing Pit Run/ Stockpile Site

Quarry Permit Application Liard Highway (No. 7) Km 201.2		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
W Corner	61°19'44.65"N	122° 7'30.77"W
S Corner	61°19'40.21"N	122° 7'10.72"W
N Corner	61°19'50.69"N	122° 7'13.80"W
E Corner	61°19'46.67"N	122° 6'49.53"W

Hwy 7 Km 220.1 Lt – Pit Run and Fine Blends Area 1

Quarry Permit Application Liard Highway (No. 7) Km 220.1		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
NE Point	61°21'20.82"N	121°48'13.33"W
NW Corner	61°21'15.02"N	121°48'36.42"W
Intermediate Point 1	61°20'51.84"N	121°48'18.03"W
Intermediate Point 2	61°20'48.19"N	121°48' 6.45"W
SW Corner	61°20'31.51"N	121°47'45.29"W
SE Corner	61°20'35.16"N	121°47'25.68"W

Hwy 7 Km 220.1 Rt – Pit Run/ Stockpile Site Area 2

Quarry Permit Application Liard Highway (No. 7) Km 220.1		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
NW Corner	61°20'27.14"N	121°47'41.97"W
NE Corner	61°20'30.88"N	121°47'23.09"W
SE Corner	61°20'20.03"N	121°47'5.51"W
SW Corner	61°20'15.84"N	121°47'30.10"W

Hwy 7 Km 220.1 Rt – Undeveloped Potential Bedrock Site Area 3

Quarry Permit Application Liard Highway (No. 7) Km 220.1		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
NW Corner	61°19'37.47"N	121°45'3.27"W
NE Corner	61°19'48.44"N	121°44'24.17"W
SE Corner	61°19'30.42"N	121°44'9.36"W
SW Corner	61°19'26.64"N	121°44'53.13"W

Hwy 7 Km 220.1 Rt – Undeveloped Potential Bedrock Site Area 4

Quarry Permit Application Liard Highway (No. 7) Km 220.1		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
NW Corner	61°20'10.31"N	121°47'36.15"W
NE Corner	61°20'10.08"N	121°46'39.79"W
SE Corner	61°19'56.33"N	121°46'20.33"W
SW Corner	61°19'55.32"N	121°47'24.41"W

Nahanni Butte Access Road Km 2.7 Rt – Old Borrow Pit

Quarry Permit Application Nahanni Butte Access Road Km 2.7		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
NW Corner	60°57'31.51"N	123° 8'19.15"W
NE Corner	60°57'32.18"N	123° 7'49.05"W
SE Corner	60°57'19.03"N	123° 7'49.19"W
SW Corner	60°57'18.82"N	123° 8'17.36"W

Nahanni Butte Access Road Km 6.7 Rt – Old Borrow Pit

Quarry Permit Application Nahanni Butte Access Road Km 6.7		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
NW Corner	60°57'28.29"N	123°12'27.76"W
NE Corner	60°57'28.10"N	123°12'5.23"W
SE Corner	60°57'19.17"N	123°12'9.74"W
SW Corner	60°57'19.48"N	123°12'34.16"W

Nahanni Butte Access Road Km 21 Rt – Sand Ridge

Quarry Permit Application Nahanni Butte Access Road Km 21		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
E Corner	61° 1'35.91"N	123°22'42.91"W
S Corner	61° 1'29.93"N	123°23'2.08"W
W Corner	61° 1'31.45"N	123°23'5.36"W
N Corner	61° 1'40.31"N	123°22'52.62"W

Liard River Gravel Bar Site 1

Quarry Permit Application Liard River Gravel Bar Site 1		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area 1		
N Corner	60°44'32.39"N	123°20'12.31"W
E Corner	60°43'58.97"N	123°20'31.61"W
SE Corner	60°43'47.98"N	123°20'52.06"W
S Corner	60°43'43.63"N	123°21'15.49"W

Liard River Gravel Bar Site 2

Quarry Permit Application Liard River Gravel Bar Site 2		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
N Corner	60°43'55.69"N	123°19'57.47"W
E Corner	60°43'48.08"N	123°19'55.33"W
S Corner	60°43'31.77"N	123°20'30.79"W
W Corner	60°43'33.89"N	123°20'37.01"W

Liard River Gravel Bar Site 3

Quarry Permit Application Liard River Gravel Bar Site 3		
CORNER	Co-ordinates (expressed in degrees, minutes and seconds)	
	LAT	LONG
LUP Area		
N Corner	60°59'45.66"N	123°14'49.35"W
E Corner	60°59'26.16"N	123°14'40.30"W
S Corner	60°59'6.01"N	123°15'15.17"W
W Corner	60°59'23.76"N	123°15'14.71"W

Site Location	Size (Ha)	Pitrun Granular	Bedrock Quarry	Geotechnical Testing	Stockpile Site	Temporary Construction/Work Camp	Comments
HWY 7							
Km 1.3 Left	10.3	X		X	X	X	Existing Pit, increased Area for potential expansion if needed
Km 3.0 Right	71		X	X	X	X	Expansion areas
Km 22.8 Left	16.6	Common Borrow			X	X	Till Deposit
Km 23.3 Right	13.9	Common Borrow			X	X	Till Deposit
Km 30 Right	26	X	X		X	X	Existing quarry area plus potential Expansion area
Km 32 Right	7.3	Common Borrow			X	X	Till Deposit
KM 38 Left	58	X		X	X	X	Expansion Existing Pitrun Sand Deposit; 100-meter setback from River
KM 43.4 Right	176	X		X	X	X	Access for testing
KM 46.7 Left	28.4	X			X	X	
KM 67 Left	10.9	X			X	X	
KM 74.5 Left	34.7		X		X	X	300-meter setback from tower lease
KM 75 Right	22.6				X	X	Stockpile site only; Quarry reclamation/closure
KM 80.6 Left	70		X		X	X	
KM 92.3 Right	14.3	X			X	X	Undeveloped Borrow pit
KM 99.6 Left	13.2				X	X	Stockpile Site for Gravel Bar and Winter hauls
KM 126 Right	44.5	X			X	X	Common Borrow Source and Potential Expansions
KM 147.4 Right	74.4	X			X	X	
KM 147.5 Left	54.4	X			X	X	
KM 170 to 200	983		X	X	X	X	Prospect Bedrock Ridge; Area will undergo foot reconnaissance to identify good target areas
KM 200 Area 1 Right	21	X			X	X	
KM 200 Area 2 Right	109	Common Borrow			X	X	

KM 201.2 Left	10	X			X	X	
KM 220.1 Left Area 1	61.1	X			X	X	
KM 220.1 Right Area 2	13.8	X		X	X	X	Depleted Site for Stockpile
KM 220.1 Right Area 3	31.7		X	X	X	X	Undeveloped Bedrock Site
KM 220.1 Right Area 4	40		X	X	X	X	Undeveloped Bedrock Site
Nahanni Butte Access Road							
KM 2.7 Right	17.5	Common Borrow			X	X	Old Borrow Pit
KM 6.7 Right	9.85	Common Borrow			X	X	Old Borrow Pit
KM 21 Right	3.2	X		X	X	X	Sand Ridge
Liard River Gravel Bars							
Gravel Bar #1	31.3	X					Winter Haul source by cutline access at Km 98.7
Gravel Bar #2	12	X					Winter Haul source by cutline access at Km 98.7
Gravel Bar #3	31	X		X			Km 12.5 of the Nahanni Butte Access Road – Approx. 2100 meters north along the Liard River

Hwy 7 Km 1.3



Hwy 7 Km 3.0

Hwy #7, Km 4

NE

NW

Land Hwy

Hwy #7, Km 3

Km 3 Quarry

Existing NW

Existing NE

Km 3.0 Pit

Existing SW

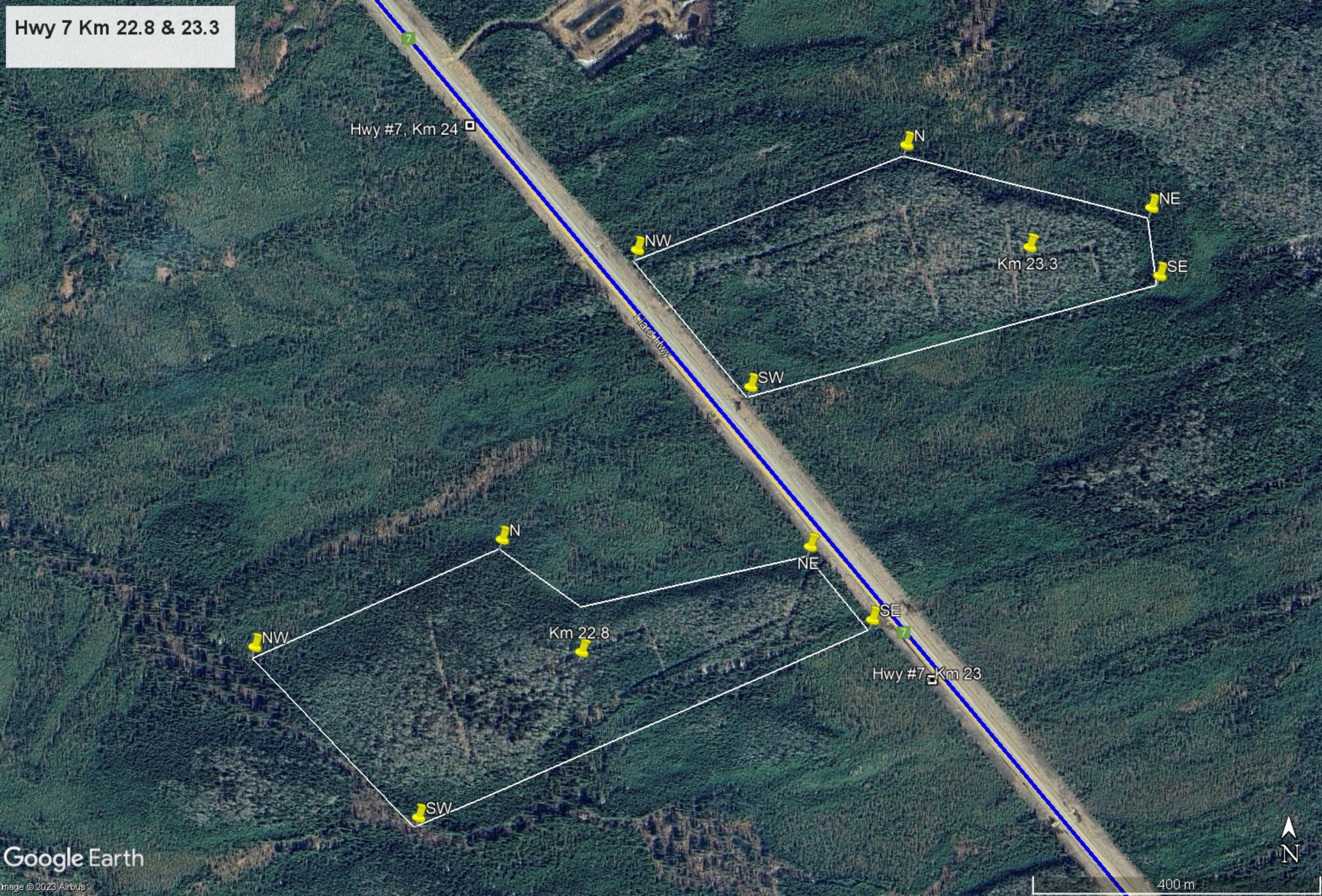
SW

Existing SE

SE

Access Road





Hwy 7 Km 30 & 32

Hwy #7, Km 33



Hwy #7, Km 32

Hwy #7, Km 31



Hwy #7, Km 30

HWY 7 KM 38

Municipal Boundary Limits

Existing Pit within Municipal Boundary

W

N

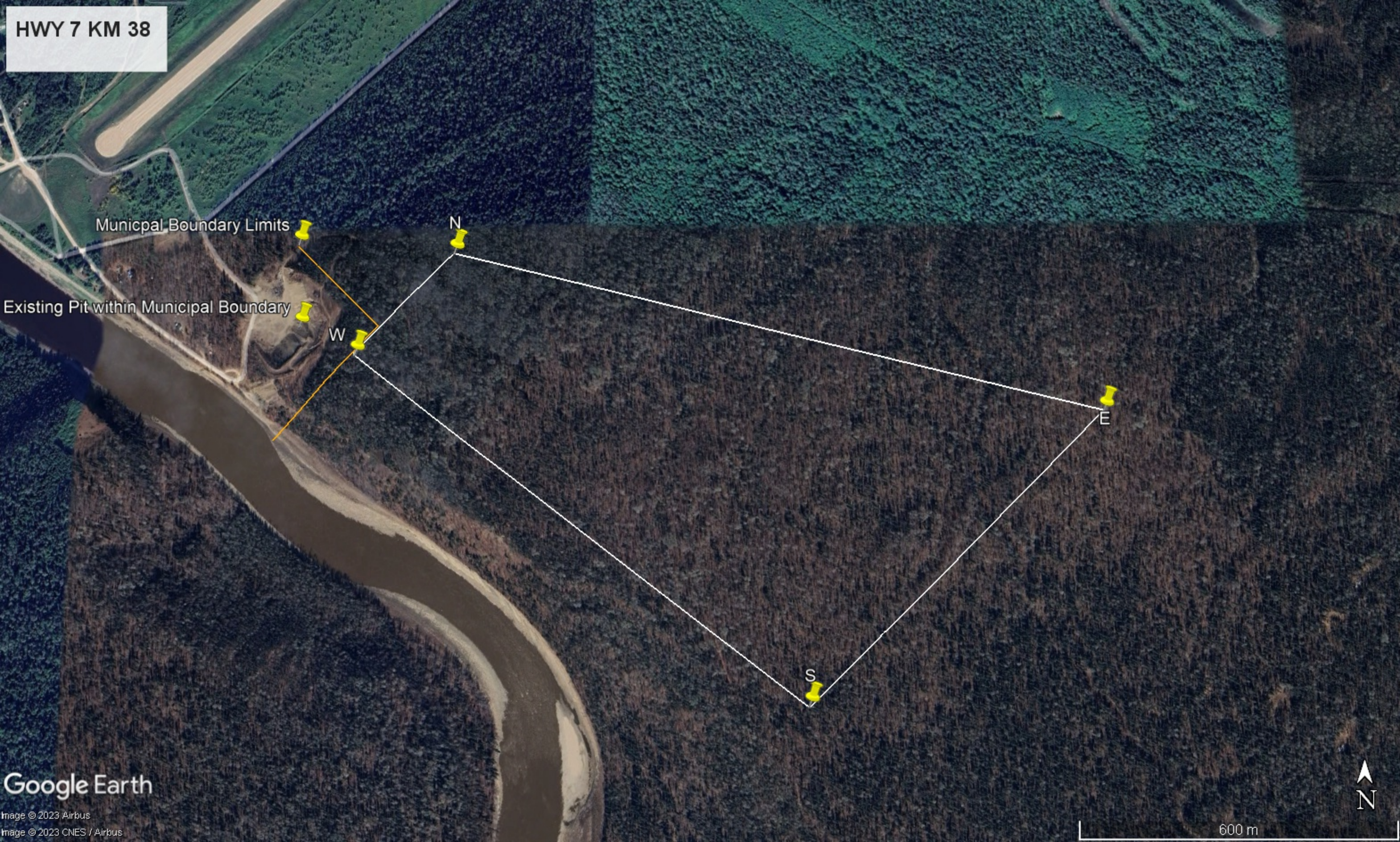
E

S

Google Earth

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600 m

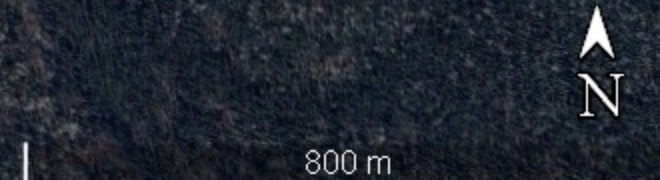


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Hwy 7 Km 43.4

Km 46

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Hwy 7 Km 46.7 Lt



Google Earth

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500 m

N

Hwy 7 Km 67 Lt



HWY 7 KM 74.5 & 75



Hwy 7 Km 80.6

Liard River



Hwy #7 Km 81

Hwy #7 Km 80



Hwy 7 Km 92.3

Hwy #7 Km 93

Gravel Hwy

N

E

W

S

Google Earth

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300 m



Hwy 7 Km 99.6

Hwy #7, Km 100



Hwy 7 Km 126

Hwy #7, Km 127

Hwy #7, Km 126

KM126

E1

E2

SW

SE

NE

W



Hwy 7 Km 147.4 & 147.5



Hwy 7 Km 147.4 Lt



NW

NE

Hwy #7, Km 149

Hwy #7, Km 148

SW

SE

Liard Hwy



Hwy 7 Km 170 to 200



Google Earth

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Hwy 7 Km 200 & 201.2



HWY 7 Km 220



Nahanni Butte Access Rd KM 2.7 & 6.7



Nahanni Butte Lookout, Liard River

Nahanni Butte Access RD Km 21



Nahanni Butte Airstrip

Nahanni Butte Gas Station

Nahanni Butte Winter Rd

Nahanni Butte Winter Rd

Nahanni Butte

South Nahanni River

South Nah

N

E

Sand Ridge

W

S

Nahanni Butte Winter Rd

Liard River Gravel Bar #1 and #2



Liard River



600 m

Liard River Gravel Bar #3



Liard River Gravel Bar 12ha