

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

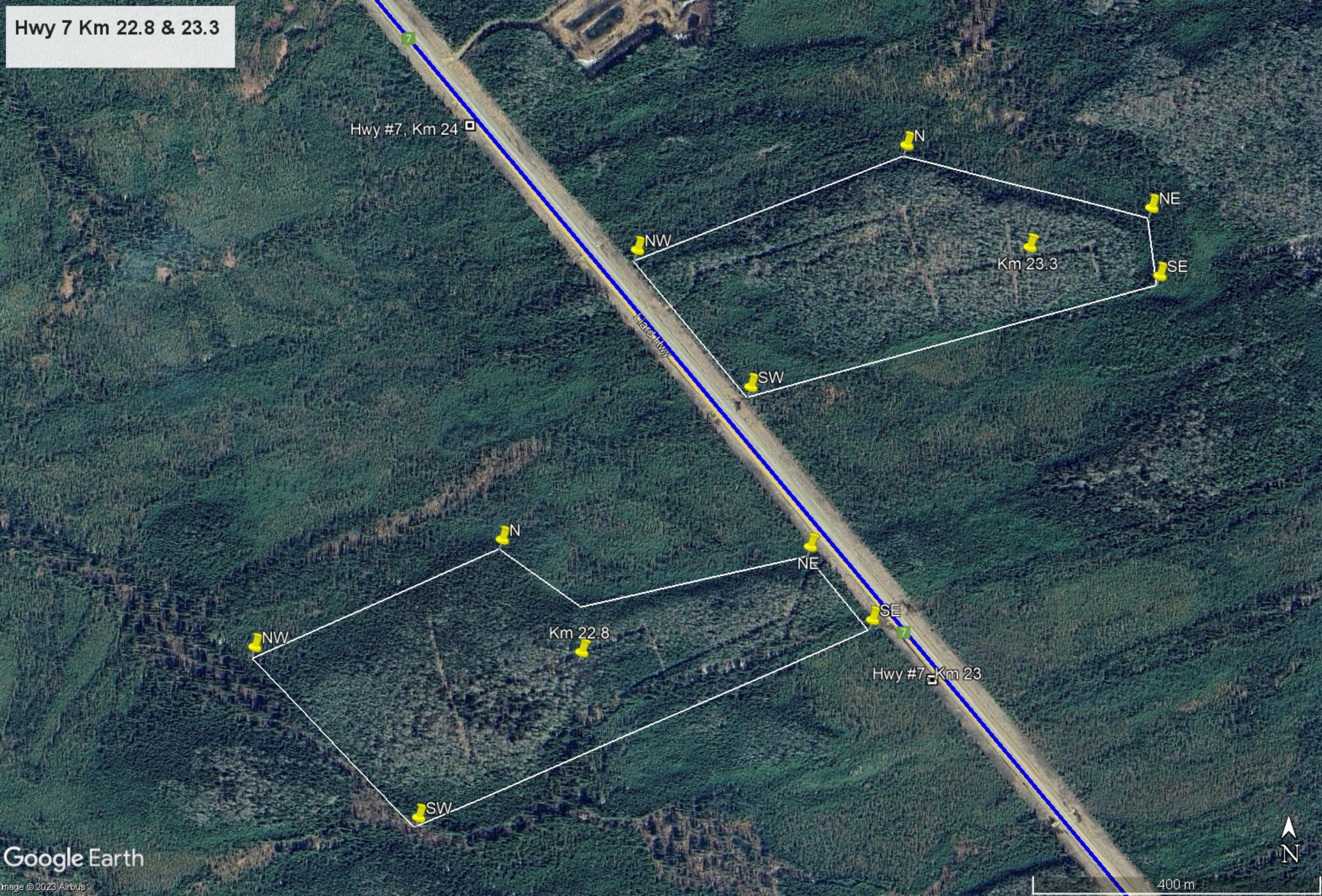
SW

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

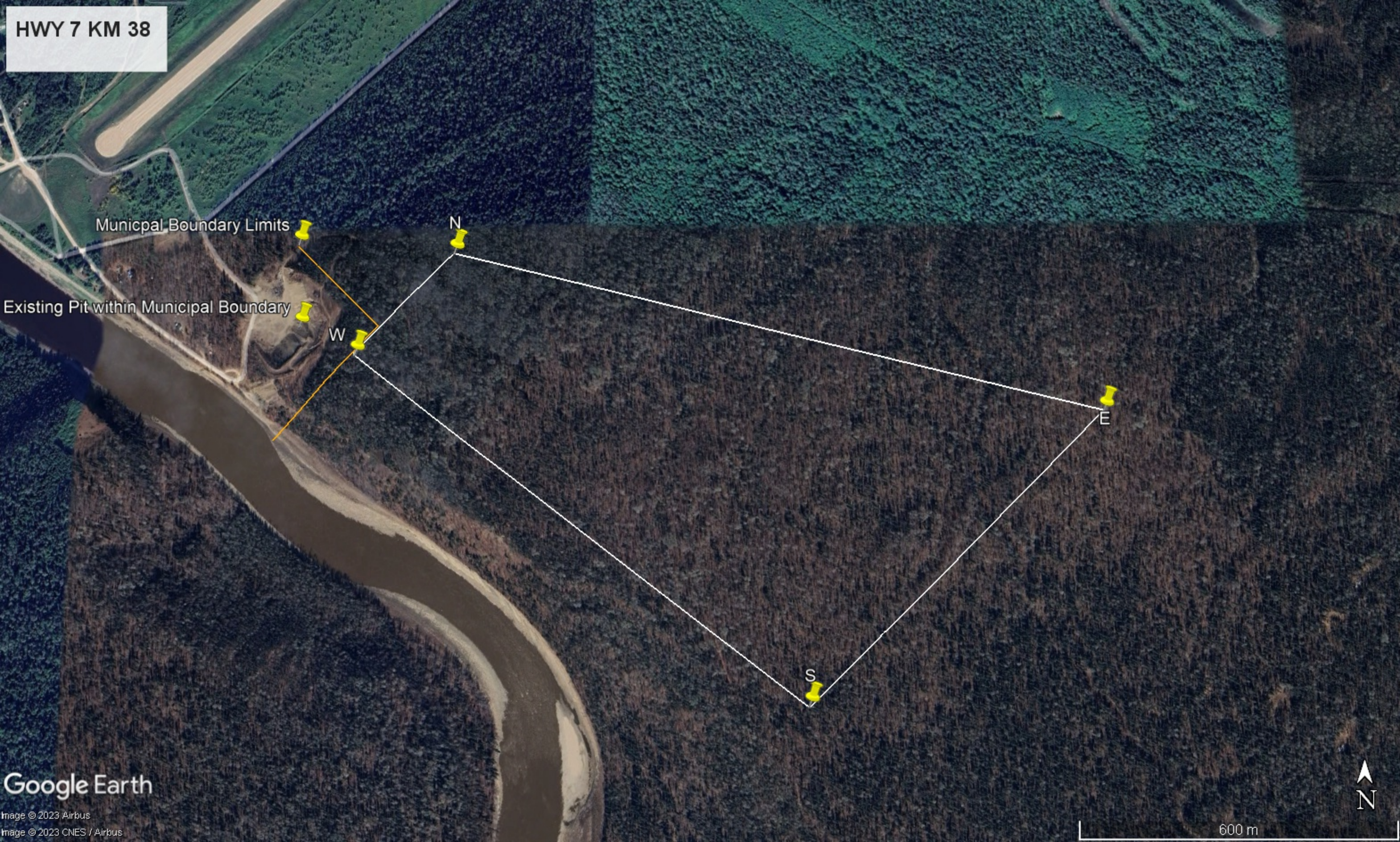
E

S

Google Earth

Image © 2023 Airbus
Image © 2023 CNES / Airbus

600 m

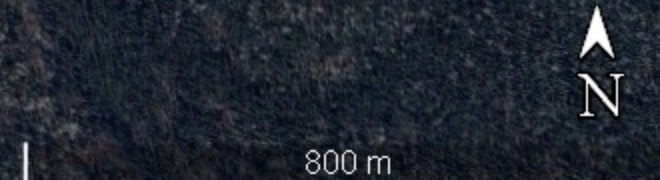


ular Source
Hwy 7 Km 43.4

Km 46

Google Earth

Image © 2023 Airbus
Image © 2023 CNES / Airbus



Hwy 7 Km 46.7 Lt



Google Earth

Image © 2023 Airbus
Image © 2023 CNES / Airbus



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

Google Earth

Image © 2023 Airbus



700 m

Hwy 7 Km 92.3

Hwy #7 Km 93

Gravel Hwy

N

E

W

S

Google Earth

Image © 2023 Airbus
Image © 2023 CNES / Airbus
Image Landsat / Copernicus

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



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

South Nahanni River

South Nah

N

E

Sand Ridge

W

S

Nahanni Butte Winter Rd



Liard River Gravel Bar #1 and #2



Gravel Bar #1

Gravel Bar #2

Hwy #7, Km 103

Hwy #7, Km 102

Hwy #7, Km 101

Liard Hwy

Liard River



Liard River Gravel Bar #3

