



July 5, 2016

Prince Rupert Gas Transmission Ltd.  
450 – 1<sup>st</sup> Street SW  
Attn: Stacey Boreski (Mail Drop Box #2350)  
Calgary, Alberta T2P 5H1

Attention: Keri-Lynn Bruce

**RE: Helipad Permit within Unit 37, Block D, 93-O-10, Unit 29, Block D, 93-O-10, Unit 11, Block A, 93-O-11, Unit 30, Block I, 93-O-4, and Unit 15 & 16 Block K, 93-O-4**

**Date of Issuance: July 11, 2016**

**Commission No.: 9640135**

## **PERMISSIONS**

### ***Petroleum and Natural Gas Act***

1. Pursuant to section 138(1) of the *Petroleum and Natural Gas Act*, the permit holder is permitted to enter, occupy, and use any unoccupied Crown land located within the areas described in the attached sketch plan, FOCUS: 130875SK28R0, sheet 1-5 of 5, revision 0, dated April 1, 2014 (the "construction plan"), by Focus as submitted to the Commission in the permit application dated June 13, 2016 to construct and operate a related activity for the purposes of carrying out oil and gas activities as defined in the *Oil and Gas Activities Act* (hereinafter referenced together as the "operating area"), subject to the conditions set out below.
  - (1) The permission to occupy and use Crown land expires one year from the date of issuance, unless the Commission has received notice of construction start, or this permit is otherwise extended, suspended, cancelled, surrendered or declared spent.
  - (2) The permission to occupy and use Crown land does not entitle the permit holder to exclusive possession of the operating area.
  - (3) The total disturbance within the operating area must not exceed 0.65 ha.

## **AUTHORIZATIONS**

### ***Forest Act***

2. Pursuant to section 47.4 of the *Forest Act*, the permit holder is authorized to remove Crown timber from the operating area under Cutting Permit No. 4 under Master Licence to Cut number M02372.
3. This Cutting Permit is deemed spent upon the submission of the post-construction plan or upon either the cancellation or the expiry of the activities authorized by this permit.

## **CONDITIONS**

**Notification:**

4. A notice of construction start must be submitted to the Commission a minimum of 48 hours prior to the commencement of activities under this permit. Notification must be sent via eSubmission.
5. Within 60 days of the completion of construction activities under this permit, the permit holder must submit to the Commission a post-construction plan as a shapefile and PDF plan accurately identifying the location of the total area actually disturbed under this permit. The shapefile and plan must be submitted via eSubmission.
6. The permit holder notify the Nak'azdli First Nation prior to commencement of activity.
7. In consideration of the McLeod Lake Indian Band, it is requested the Permit Holder notify the McLeod Lake Indian Band Land Use Office prior to project commencement.
8. In consideration of West Moberly First Nations, it is requested the Permit Holder notify the West Moberly First Nations Lands Use Department prior to project commencement.
9. The permit holder must notify Halfway River First Nation Land Office at (250) 772-5135 prior to commencement of activities.

**General:**

10. The rights granted by this permit in relation to unoccupied Crown land are subject to all subsisting grants to or rights of any person made or acquired under the *Coal Act*, *Forest Act*, *Land Act*, *Mineral Tenure Act*, *Petroleum and Natural Gas Act*, *Range Act*, *Water Sustainability Act* or *Wildlife Act*, or any extension or renewal of the same.
11. The permit holder must not assign, sublicense or transfer this permit or permit any person to use or occupy Crown land, other than its employees, contractors, or representatives, without the Commission's written consent.
12. The permit holder must ensure that any Crown land within the operating area is maintained in a condition so as to minimize hazards, including but not limited to hazards associated with storage of materials and equipment.
13. The permit holder must ensure that any Crown land within the operating area is free of garbage, debris and unused equipment.

**Environmental:**

14. No helicopter pad is to be located within the Riparian Management Area of any watercourse, wetland or lake.
15. Following completion of the construction activities authorized under this authorization the permit holder must, as soon as practicable,
  - (1) decompact any soils compacted by the activity;
  - (2) if natural surface drainage pattern was altered by the carrying out of the activity, the permit holder must restore, to the extent practicable, to the drainage pattern and its condition before the alteration; and
  - (3) ensure re-vegetation of any exposed soil on the operating area including, where necessary, using seed or vegetative propagules of an ecologically suitable species that
    - (a) promote the restoration of the wildlife habitat that existed on the operating area before the oil and gas activity was begun, and
    - (b) stabilize the soil if it is highly susceptible to erosion.
16. Following completion of the activities permitted under this permit, any surface soils removed from the operating area must be redistributed so that the soil structure is restored, to the extent practicable, to its condition before the activity was begun.

**Clearing:**

17. All harvested Crown timber must be marked with Timber Mark Number MTA 700.

18. Cutting Permit No. 4 does not grant the permit holder the exclusive right to harvest Crown timber from the operating area. Authority to harvest some or all of the timber may be granted to other persons. The permit holder's right to harvest timber applies to any timber found on the operating area at the time they undertake harvesting activities.
19. Stumpage for Cutting Permit No. 4 will be calculated in accordance with the Interior Appraisal Manual as amended from time to time. In the current version of the Manual, stumpage will be determined in accordance with Table 6-7 (area based).
20. The Interior merchantability specifications and monetary waste billing requirements in the Provincial Logging Residue and Waste Measurement Procedures Manual that are in effect upon issuance of this authorization apply to any waste assessments required under Master License to Cut M02372.
21. The holder of Cutting Permit No. 4 must pay to the government, stumpage and any waste billing determined in accordance with the terms of this authorization.
22. The permit holder is authorized to fell any trees located on Crown land within 1.5 tree lengths of the operating area that are considered to be a safety hazard according to *Workers Compensation Act* regulations and must be felled in order to eliminate the hazard. Trees or portions of these trees that can be accessed from the operating area without causing damage to standing timber may be harvested.

**Archaeology:**

23. If artifacts, materials or things protected under section 13(2) of the Heritage Conservation Act are identified, the permit holder must, unless the permit holder holds a permit under section 12 of the Heritage Conservation Act in respect of that artifact, feature, material or thing:
  - a. immediately cease all work in the vicinity of the artifacts, features, materials or things;
  - b. immediately notify the Archaeology Branch of the Ministry of Forestry, Lands and Natural Resource Operations and Commission; and
  - c. refrain from resuming work in the vicinity of the artifacts, features, materials or things except in accordance with an appropriate mitigation plan that has been prepared in accordance with the Heritage Conservation Act, endorsed by a qualified archaeologist, and approved by the Archaeology Branch of the Ministry of Forestry, Lands and Natural Resource Operations.

**ADVISORY GUIDANCE**

1. Appropriate tenure will be issued upon acceptance of the post-construction plan. Submission of the original application and submission of the post-construction plan is considered an application for all subsequent applicable *Land Act* tenures. Upon the Commission's acceptance of the post-construction plan no further applications for replacement tenure are required.
2. Unless a condition or its context suggests otherwise, terms used in this authorization have the same meaning as the Environmental Protection and Management Regulation under the *Oil and Gas Activities Act*.
3. Halfway River First Nation requests that the permit holder keep all wildlife trails open
4. Halfway River First Nation requests that the permit holder remove all garbage and debris from work site during and after project completion to avoid attracting wildlife.

The attached plan(s) forms an integral part of this permit.

Commission No.: 964013<sup>re</sup>

Date: July 5, 201



Corey Scofield

Natural Resource Officer

pc: Roy Northern Land Service Ltd.

Commission No.: 9640135

Worksafe BC


MoFLNRO: Mackenzie Forest District

OGC First Nations: HRFN, MLIB, NAB, WMFN



AREA WITHIN CROWN LAND REVIEW CORRIDOR			
PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
<b>TOTAL AREAS</b>	<b>0.28 ha</b>	<b>0.00 ha</b>	<b>0.28 ha</b>

**Prince Rupert**  
Gas Transmission Project




**TransCanada**  
*In business to deliver*

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PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER  
 PAD (HELI ID MACK 01) WITH 30m RADIUS HELICOPTER PAD  
 REVIEW CORRIDOR WITHIN UNIT 37, BLOCK D, 93-O-10

Unsurveyed Crown Land, Cariboo District



The intended plot size of this plan is 216mm in width by 280mm in  
 height when plotted at a scale of 1: 1000 (use B size sheet)

BCGS: 930.056

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/04/01	JM

FOCUS

Focus Surveys (BC) Limited Partnership  
10716 - 100th Avenue, Fort St. John BC  
Y6J 1A7, 250.787.0200, www.focusbc.ca

FOCUS: 130875SK28R0

ePASS: 10046415

SHEET: 1 of 5

REV. 0



**AREA WITHIN CROWN LAND****HELICOPTER PAD**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
<b>TOTAL AREAS</b>	<b>0.13 ha</b>	<b>0.00 ha</b>	<b>0.13 ha</b>

**AREA WITHIN CROWN LAND****REVIEW CORRIDOR**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
<b>TOTAL AREAS</b>	<b>0.28 ha</b>	<b>0.00 ha</b>	<b>0.28 ha</b>

Unsurveyed

MINERAL/PLACER/COAL  
RESERVEMinistry of Energy, Mines  
and Natural Gas  
Tenure #330209TRAPPER  
729T002

Crown

KENNEDY SIDING  
CARIBOU HERD

29

PROPOSED  
HELICOPTER PAD  
REVIEW CORRIDOR  
30m Radius (0.28 ha)

N: 6152721 E: 500824

PROPOSED  
HELICOPTER PAD  
HELI ID MACK 02  
20m Radius (0.13 ha)




N: 6152721 E: 500824

DATUM: NAD83  
PROJECTION: UTM ZONE10

BLOCK D

PANG GROUP 93-O-10

Land

**LEGEND:**PRGT Route:   
Proposed Helicopter Pad:   
Heli Review Corridor: **NOTES:**Project to be flagged at time of  
construction.  
Distances shown are in metres and  
decimals thereof.  
This project is not within ALR

Caribou: Yes

Karst Potential: No

Coal: None

Community Forest: None

Guide / Outfitter: None

Land Use Plan: Yes

Mineral Reserve: Yes

Quarry: None

Grazing Range Tenure: None

Timber Supply Area: Mackenzie

Trapper: Yes

Tree Farm License: None

Ungulate Winter Range: None

Wildlife Habitat Area: None

Wildlife Tree Retention Area: No

Wood Lot: None

Land Use Plans Within Proposed Project:  
(Layers not shown on sketch Plan)  
-Mackenzie LRMPPrince Rupert  
Gas Transmission Project**PRINCE RUPERT GAS TRANSMISSION LTD.**SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER  
PAD (HELI ID MACK 02) WITH 30m RADIUS HELICOPTER PAD  
REVIEW CORRIDOR WITHIN UNIT 29, BLOCK D, 93-O-10

Unsurveyed Crown Land, Cariboo District

The intended plot size of this plan is 216mm in width by 280mm in  
height when plotted at a scale of 1: 1000 (use B size sheet)  
BCGS: 93O.056

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/04/01	JM

**FOCUS**Focus Surveys (BC) Limited Partnership  
10716 - 100th Avenue Fort St John BC  
V1J 1Z3 250.787.0300 www.focus.caFOCUS: 130875SK28R0  
ePASS: 10046415

SHEET: 2 of 5

REV.  
0



AREA WITHIN CROWN LAND

HELICOPTER PAD			
PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
<b>TOTAL AREAS</b>	<b>0.13 ha</b>	<b>0.00 ha</b>	<b>0.13 ha</b>

AREA WITHIN CROWN LAND

REVIEW CORRIDOR			
PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
<b>TOTAL AREAS</b>	<b>0.28 ha</b>	<b>0.00 ha</b>	<b>0.28 ha</b>

PLACER CLAIM  
Ministry of Energy, Mines and Petroleum Resources  
Tenure #1022254

MINERAL CLAIM  
Ministry of Energy, Mines and Petroleum Resources  
Tenure #1022253

Unsurveyed

MINERAL/PLACER/COAL RESERVE  
Ministry of Energy, Mines and Natural Gas  
Tenure #330209

TRAPPER  
7297002

KENNEDY SIDING  
CARIBOU HERD

PROPOSED HELICOPTER PAD REVIEW CORRIDOR  
30m Radius (0.28 ha)  
N: 6151620 E: 4991541

PROPOSED HELICOPTER PAD HELI ID MACK 03  
20m Radius (0.13 ha)  
N: 6151620 E: 4991541

DATUM: NAD83  
PROJECTION: UTM ZONE 10

LEGEND:

PRGT Route:   
Proposed Helicopter Pad:   
Hel Review Corridor:   
Mineral/Placer Claim: 

NOTES:

Project to be flagged at time of construction.  
Distances shown are in metres and decimals thereof.  
This project is not within ALR

Caribou: Yes
Mineral/Placer/Coal Reserve: Yes
Karst Potential: No
Coal: None
Community Forest: None
Guide / Outfilter: None
Land Use Plan: Yes
Mineral Claim: No
Placer Claim: No
Quarry: None
Grazing Range Tenure: None
Timber Supply Area: Mackenzie
Trapper: Yes
Tree Farm License: None
Ungulate Winter Range: None
Wildlife Habitat Area: None
Wildlife Tree Retention Area: No
Wood Lot: None

Land Use Plans Within Proposed Project:  
(Layers not shown on sketch Plan)  
-Mackenzie LRMP

Prince Rupert  
Gas Transmission Project



PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER PAD (HELI ID MACK 03) WITH 30m RADIUS HELICOPTER PAD REVIEW CORRIDOR WITHIN UNIT 11, BLOCK A, 93-O-11

Unsurveyed Crown Land, Cariboo District

BCGS: 93O.055  
The intended plot size of this plan is 216mm in width by 280mm in height when plotted at a scale of 1: 1000 (use B size sheet)

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/04/01	JJM



Focus Surveys (BC) Limited Partnership  
10716 - 100th Avenue Fort St John BC  
V1J 1Z3 250.787.0300 www.focus.ca

FOCUS: 13087SSK28R0  
ePASS: 10046415  
SHEET: 3 of 5

REV. 0



**AREA WITHIN CROWN LAND****HELICOPTER PAD**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
<b>TOTAL AREAS</b>	<b>0.13 ha</b>	<b>0.00 ha</b>	<b>0.13 ha</b>

**AREA WITHIN CROWN LAND****REVIEW CORRIDOR**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
<b>TOTAL AREAS</b>	<b>0.28 ha</b>	<b>0.00 ha</b>	<b>0.28 ha</b>

Unsurveyed

MINERAL/PLACER/COAL  
RESERVE  
Ministry of Energy, Mines  
and Natural Gas  
Tenure #330209

GUIDE  
701117TRAPPER  
728T003

DATUM: NAD83  
PROJECTION: UTM ZONE10

**LEGEND:**

PRGT Route: ————  
Proposed Helicopter Pad: ●  
Heli Review Corridor: - - - - -

NOTES:  
Project to be flagged at time of  
construction.  
Distances shown are in metres and  
decimals thereof.  
This project is not within ALR

Caribou: No  
Karst Potential: No  
Coal: None  
Community Forest: None  
Guide / Outfitter: Yes  
Land Use Plan: Yes  
Mineral Reserve: Yes  
Quarry: None  
Grazing Range Tenure: None  
Timber Supply Area: Mackenzie  
Trapper: Yes  
Tree Farm License: None  
Ungulate Winter Range: None  
Wildlife Habitat Area: None  
Wildlife Tree Retention Area: No  
Wood Lot: None

Land Use Plans Within Proposed Project:  
(Layers not shown on sketch Plan)  
-Mackenzie LRMP

Prince Rupert  
Gas Transmission Project

**PRINCE RUPERT GAS TRANSMISSION LTD.**

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER  
PAD (HELI ID MACK 11) WITH 30m RADIUS HELICOPTER PAD  
REVIEW CORRIDOR WITHIN UNIT 30, BLOCK I, 93-O-04

Unsurveyed Crown Land, Cariboo District



The intended plot size of this plan is 216mm in width by 280mm in  
height when plotted at a scale of 1: 1000 (use B size sheet)

BCGS: 0930.012

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/04/01	JM

**FOCUS**

Focus Surveys (BC) Limited Partnership  
10716 - 100th Avenue Fort St John BC  
V1J 1Z3 250.787.0300 www.focus.ca

FOCUS: 130875SK28R0  
ePASS: 10046415

SHEET: 4 of 5

REV.  
0



**AREA WITHIN CROWN LAND****HELICOPTER PAD**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
<b>TOTAL AREAS</b>	<b>0.13 ha</b>	<b>0.00 ha</b>	<b>0.13 ha</b>

**AREA WITHIN CROWN LAND****REVIEW CORRIDOR**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
<b>TOTAL AREAS</b>	<b>0.28 ha</b>	<b>0.00 ha</b>	<b>0.28 ha</b>

Unsurveyed

**MINERAL/PLACER/COAL  
RESERVE**

Ministry of Energy, Mines  
and Natural Gas  
Tenure #330209

GUIDE  
701117TRAPPER  
728T003

Crown

**PROPOSED  
HELICOPTER PAD  
REVIEW CORRIDOR**  
30m Radius (0.28 ha)

N: 6115174 E: 448158

**PROPOSED  
HELICOPTER PAD  
HELI ID MACK 15**  
20m Radius (0.13 ha)

N: 6115174 E: 448158

**MINERAL CLAIM**  
Ministry of Energy, Mines  
and Natural Gas  
Tenure #580744

DATUM: NAD83  
PROJECTION: UTM ZONE10

**LEGEND:**

PRGT Route: ————  
Proposed Helicopter Pad: ●  
Heli Review Corridor: - - - - -

**NOTES:**  
Project to be flagged at time of  
construction.  
Distances shown are in metres and  
decimals thereof.  
This project is not within ALR

Caribou: No
Karst Potential: No
Coal: None
Community Forest: None
Guide / Outfitter: Yes
Land Use Plan: Yes
Mineral Reserve: Yes
Quarry: None
Grazing Range Tenure: None
Timber Supply Area: Mackenzie
Trapper: Yes
Tree Farm License: None
Ungulate Winter Range: None
Wildlife Habitat Area: None
Wildlife Tree Retention Area: No
Wood Lot: None

Land Use Plans Within Proposed Project:  
(Layers not shown on sketch Plan)  
-Mackenzie LRMP

**Prince Rupert  
Gas Transmission Project**

**PRINCE RUPERT GAS TRANSMISSION LTD.**

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER  
PAD (HELI ID MACK 15) WITH 30m RADIUS HELICOPTER PAD  
REVIEW CORRIDOR WITHIN UNITS 15 & 16, BLOCK K, 93-0-04

Unsurveyed Crown Land, Cariboo District



The intended plot size of this plan is 216mm in width by 280mm in  
height when plotted at a scale of 1: 1000 (use B size sheet)

BCGS: 0930.011

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/04/01	JM

**FOCUS**

Focus Surveys (BC) Limited Partnership  
10716 - 100th Avenue Fort St John BC  
V1J 1Z3 250.787.0300 www.focus.ca

FOCUS: 130875SK28R0  
ePASS: 10046415

SHEET: 5 of 5

**REV.**  
**0**



OGC File: 9640135

July 11, 2014

Prince Rupert Gas Transmission Ltd.  
450- 1<sup>st</sup> Street SW  
Calgary, Alberta T2P 5H1

Attention: Surface Land Administrator

Re: Helipad Permit- Section 14 over Crown Land, Cariboo District  
within Unit 37, Block D, 93-O-10, Unit 29, Block D, 93-O-10, Unit 11, Block A, 93-O-11, Unit  
30, Block I, 93-O-04 and Unit 15& 16, Block K, 93-O-04.

Date of Issuance: July 11, 2014  
Commission File No: 9640135  
Applicant File No: 130316 (Heli Bundle 28)

## PERMISSIONS

The Oil and Gas Commission ("Commission") hereby authorizes the holder of permit number 9640135, under section 14 of the Land Act, to allow Prince Rupert Gas Transmission Ltd. (the "permit holder") to occupy Crown land within the areas described as helicopter pad in the attached sketch plan Document No: FOCUS: 130875SK28R0, Sheet 1-5 of 5, Revision 0, dated April 1, 2014 as submitted to the Commission in the permit application dated May 5, 2014 (hereinafter referenced together as the "Site"), to construct and operate helicopter pads under Authorization Number 944289, subject to conditions set out below.

## CONDITIONS

1. The permit holder may use and occupy the Site only for the purposes of investigating the site for potential oil and gas activities and related activities as defined in the Oil and Gas Activities Act.
2. The total disturbance within the investigative area must not exceed 0.65 ha in total for all helipads.
3. The permit holder will indemnify the Province of British Columbia (the Province) and the Commission against all losses, damages, costs and liabilities arising out of any breach or non-performance of any condition or agreement set out in this Permit and any personal injury, death or property damage occurring within the Site, or happening by virtue of its occupation of the Site, and the amount of such losses, damages and costs shall be payable to the Province or the Commission immediately.
4. The permit holder will immediately effect, and keep in force while this Permit is in effect, insurance of an amount not less than \$1,000,000 protecting the Province, the Commission and the permit holder (without any rights of cross-claim or subrogation) against claims for personal injury, death, property damage, or third party or public liability claims arising from any accident or occurrence on the Site.



5. The permit holder will restore the site to the satisfaction of the Commission following expiration or cancellation of this Permit.
6. The authorization to occupy and use Crown land does not entitle the permit holder to exclusive possession of the Site. The permit holder will not interfere with any person found on the Site who has a public right of access over the Site or is using the Site pursuant to a prior or subsequent Land Act disposition.
7. The rights granted by this permit are subject to all subsisting grants to or rights of any person made or acquired under the Coal Act, Forest Act, Mineral Tenure Act, Petroleum and Natural Gas Act, Range Act, Water Act or Wildlife Act, or any extension or renewal of the same, any prior dispositions made under the Land Act, and the exceptions and reservations of rights and interests under Section 50 of the Land Act.
8. The permit holder will acknowledge and agree that any interference with rights granted under this permit by virtue of the exercise or operation of the rights or interests set out in the Sections (6) or (7) above shall not constitute a breach of the Province's or the Commission's obligations under this permit and the permit holder will release and discharge the Province and/or the Commission from any claim for loss or damage arising directly or indirectly out of any such interference. The permit holder will also agree to pay all costs and expenses that arise out of the permit holder's interference with the rights or interests set out in Sections (6) or (7) and that the permit holder will not commence or maintain proceedings under Section 65 of the Land Act with respect to interference with the permit holder's rights arising out of exercise or operation of the rights set out in Sections (6) or (7).
9. The permit holder must pay to the Province, when due, the Fees to the address and in accordance with the instructions set out in the attached covering letter.
10. The permit holder must not assign or sub-tenure this Permit. The permit holder must not transfer this permit without the Commission's written consent, which consent may be granted or withheld at the Commission's sole discretion.
11. This permit expires two years from the date of issuance.
12. The permit holder must notify the Commission prior to commencing activities under this permit. Notification may be sent to [C&E@bcogc.ca](mailto:C&E@bcogc.ca).
13. If artifacts, materials or things protected under section 13(2) of the Heritage Conservation Act are identified the permit holder must, unless the permit holder holds a permit under section 12 of the Heritage Conservation Act in respect of that artifact, feature, material or thing:
  - a. immediately cease all work in the vicinity of the artifacts, features, materials or things;
  - b. immediately notify the Archaeology Branch of the Ministry of Forests, Lands and Natural Resource Operations and Commission; and
  - c. refrain from resuming work in the vicinity of the artifacts, features, materials or things except in accordance with an appropriate mitigation plan that has been prepared in accordance with the Heritage Conservation Act, endorsed by a qualified archaeologist, and approved by the Archaeology Branch of the Ministry of Forests, Lands and Natural Resource Operations.
14. Within 60 days of the completion of the clearing phase of the activity authorized, the permit holder must submit to the Commission a Post-construction plan as an ePASS shape file accurately identifying the locations of the overall disturbance within the Site.

15. The permit holder must abide by and comply with all applicable laws, bylaws, orders, directions, ordinances, and regulations of any government authority having jurisdiction in any way affecting its use or occupation of the Site, including, without limitation, the provisions of the Land Act and the provisions of this Permit.

### **CUTTING PERMIT AUTHORIZATION**

Pursuant to section 47.4 of the Forest Act, the Commission hereby issues Cutting Permit No. 4, under Master License to Cut number M02372, Mackenzie Forest District, to cut and remove timber from the areas of Crown land within the area within the Site subject to the following conditions:

1. This Cutting Permit expires 2 years from the date of issuance of the Investigative Permit or the revised date should this permit be extended.
2. This Cutting Permit is subject to the terms and conditions in the Master Licence to Cut.
3. All harvested Crown timber must be marked with Timber Mark Number MTA 700.
4. The felling, bucking and utilization specifications in the Master License to Cut apply to this Cutting Permit.
5. Stumpage under this cutting permit is required to be paid to the Crown and will be determined with the Ministry of Forests Interior Appraisal Manual.
6. Timber that is stored in decks or piles must be marked with the correct timber mark before transportation, or at the end of every shift. The marking must be applied to one end of at least 10% of the timber pieces in each deck or pile using a hammer indentation or paint. Marking must be kept concurrent with decking.
7. In accordance with the Master Licence to Cut referenced above, "Within 60 days of completing operations on a cutting permit, the Licensee shall submit to the Commission a map showing all disturbances that have occurred pursuant to that Cutting Permit, at a scale of 1:20,000 or 1:50,000."
8. The utilization of merchantable timber is not mandatory for this permit.
9. Prior to harvesting, any clearing authorized by this Cutting Permit must be clearly defined on the ground by ribboning or blazing.
10. This permit authorizes a maximum total new cut area of 0.65 ha in total for all helipads.

### **ADDITIONAL CONDITIONS**

1. The permit holder must notify the Nak'azdli First Nation prior to commencement of activities.
2. The permit holder must notify Halfway River First Nation Land Office at (250) 772-5135 prior to commencement of activities.
3. The permit holder must notify the McLeod Lake Indian Band Land Use Office prior to commencement of activities.
4. The permit holder must notify the West Moberly First Nations Lands Use Department prior to project commencement.



**ADVISORY GUIDANCE**

1. Halfway River First Nation requests that the permit holder keep all wildlife trails open.
2. Halfway River First Nation requests that the permit holder remove all garbage and debris from work site during and after project completion to avoid attracting wildlife.

The attached plan(s) form an integral part of this authorization.



Justin Anderson  
Natural Resource Officer

pc: Halfway River First Nation  
pc: Mcleod Lake Indian Band  
pc: Nak'azdli First Nation  
pc: West Moberly First Nations  
pc: Roy Northern Land and Environmental

135

**AREA WITHIN CROWN LAND  
HELICOPTER PAD**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
<b>TOTAL AREAS</b>	<b>0.13 ha</b>	<b>0.00 ha</b>	<b>0.13 ha</b>

**AREA WITHIN CROWN LAND  
REVIEW CORRIDOR**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
<b>TOTAL AREAS</b>	<b>0.28 ha</b>	<b>0.00 ha</b>	<b>0.28 ha</b>

Unsurveyed

BLOCK D

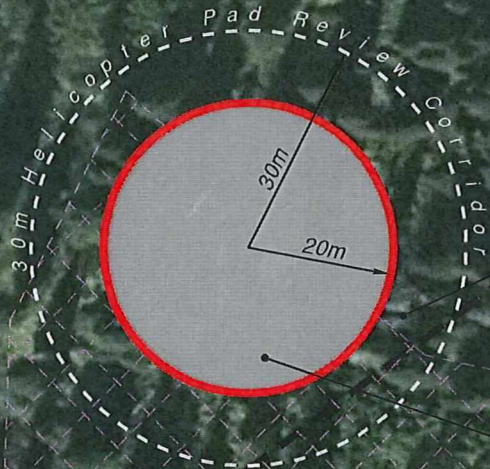
PANG GROUP 93-O-10

TRAPPER  
729T002

KENNEDY SIDING  
CARIBOU HERD

37

Crown



**PROPOSED  
HELICOPTER PAD  
REVIEW CORRIDOR  
30m Radius (0.28 ha)**

N: 6153981 E: 502359

**PROPOSED  
HELICOPTER PAD  
HELI ID MACK 01  
20m Radius (0.13 ha)**

N: 6153981 E: 502359

MINERAL/PLACER/COAL  
RESERVE  
Ministry of Energy, Mines  
and Natural Gas  
Tenure #330209

Land

DATUM: NAD83  
PROJECTION: UTM ZONE10

**LEGEND:**

PRGT Route:   
Proposed Helicopter Pad:   
Heli Review Corridor:   
Old Growth Management Area:

NOTES:  
Project to be flagged at time of  
construction.  
Distances shown are in metres and  
decimals thereof.  
This project is not within ALR

Caribou: Yes  
Karst Potential: No  
Coal: None  
Community Forest: None  
Guide / Outfitter: None  
Land Use Plan: Yes  
Mineral Reserve: Yes  
Quarry: None  
Grazing Range Tenure: None  
Timber Supply Area: Mackenzie  
Trapper: Yes  
Old Growth Management Area: Yes  
Ungulate Winter Range: None  
Wildlife Habitat Area: None  
Wildlife Tree Retention Area: No  
Wood Lot: None

Land Use Plans Within Proposed Project:  
(Layers not shown on sketch Plan)  
-Mackenzie LRMP

**Prince Rupert  
Gas Transmission Project**

**TransCanada**  
In business to deliver

**PRINCE RUPERT GAS TRANSMISSION LTD.**

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER  
PAD (HELI ID MACK 01) WITH 30m RADIUS HELICOPTER PAD  
REVIEW CORRIDOR WITHIN UNIT 37, BLOCK D, 93-O-10

Unsurveyed Crown Land, Cariboo District



BCGS: 93O.056 The intended plot size of this plan is 216mm in width by 280mm in  
height when plotted at a scale of 1: 1000 (use B size sheet)

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/04/01	JM

**FOCUS**  
Focus Surveys (BC) Limited Partnership  
10716 - 100th Avenue Fort St John BC  
V1J 1Z3 250.787.0300 www.focus.ca

FOCUS: 130875SK28R0  
ePASS: 10046415  
SHEET: 1 of 5

**REV.**  
**0**







### AREA WITHIN CROWN LAND

#### HELICOPTER PAD

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
<b>TOTAL AREAS</b>	<b>0.13 ha</b>	<b>0.00 ha</b>	<b>0.13 ha</b>

### AREA WITHIN CROWN LAND

#### REVIEW CORRIDOR

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
<b>TOTAL AREAS</b>	<b>0.28 ha</b>	<b>0.00 ha</b>	<b>0.28 ha</b>

Unsurveyed

MINERAL/PLACER/COAL  
RESERVE

Ministry of Energy, Mines  
and Natural Gas  
Tenure #330209

TRAPPER  
729T002

KENNEDY SIDING  
CARIBOU HERD

Crown

PLACER CLAIM  
Ministry of Energy, Mines  
and Petroleum Resources  
Tenure #1022254





MINERAL CLAIM  
Ministry of Energy, Mines  
and Petroleum Resources  
Tenure #1022253

PROPOSED  
HELICOPTER PAD  
REVIEW CORRIDOR  
30m Radius (0.28 ha)  
N: 6151620 E: 499154

PROPOSED  
HELICOPTER PAD  
HELI ID MACK 03  
20m Radius (0.13 ha)  
N: 6151620 E: 499154

DATUM: NAD83  
PROJECTION: UTM ZONE10

#### LEGEND:

PRGT Route:   
Proposed Helicopter Pad:   
Heli Review Corridor:   
Mineral/Placer Claim: 

Land Use Plans Within Proposed Project:  
(Layers not shown on sketch Plan)  
-Mackenzie LRMP

NOTES:  
Project to be flagged at time of  
construction.  
Distances shown are in metres and  
decimals thereof.  
This project is not within ALR

Caribou: Yes  
Mineral/Placer/Coal Reserve: Yes  
Karst Potential: No  
Coal: None  
Community Forest: None  
Guide / Outfitter: None  
Land Use Plan: Yes  
Mineral Claim: No  
Placer Claim: No  
Quarry: None  
Grazing Range Tenure: None  
Timber Supply Area: Mackenzie  
Trapper: Yes  
Tree Farm License: None  
Ungulate Winter Range: None  
Wildlife Habitat Area: None  
Wildlife Tree Retention Area: No  
Wood Lot: None

Prince Rupert  
Gas Transmission Project



## PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER  
PAD (HELI ID MACK 03) WITH 30m RADIUS HELICOPTER PAD  
REVIEW CORRIDOR WITHIN UNIT 11, BLOCK A, 93-O-11

Unsurveyed Crown Land, Cariboo District



The intended plot size of this plan is 216mm in width by 280mm in  
height when plotted at a scale of 1: 1000 (use B size sheet)

BCGS: 93O.055

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/04/01	JM

**FOCUS**  
Focus Surveys (BC) Limited Partnership

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FOCUS: 130875SK28R0  
ePASS: 10046415  
SHEET: 3 of 5

REV.  
0



**AREA WITHIN CROWN LAND**

**HELICOPTER PAD**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
<b>TOTAL AREAS</b>	<b>0.13 ha</b>	<b>0.00 ha</b>	<b>0.13 ha</b>

**AREA WITHIN CROWN LAND**

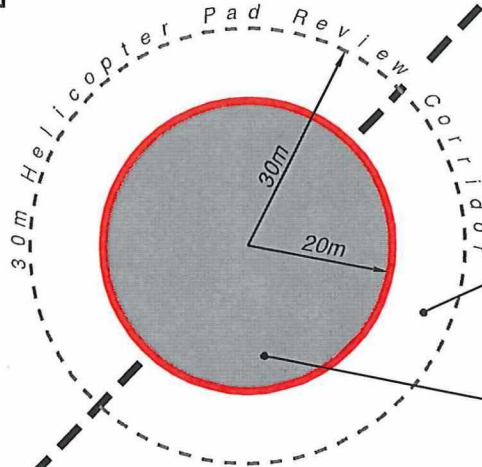
**REVIEW CORRIDOR**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
<b>TOTAL AREAS</b>	<b>0.28 ha</b>	<b>0.00 ha</b>	<b>0.28 ha</b>

Unsurveyed

MINERAL/PLACER/COAL  
RESERVE  
Ministry of Energy, Mines  
and Natural Gas  
Tenure #330209

Crown



PROPOSED  
HELICOPTER PAD  
REVIEW CORRIDOR  
30m Radius (0.28 ha)  
N: 6115466 E: 460778

PROPOSED  
HELICOPTER PAD  
HELI ID MACK 11  
20m Radius (0.13 ha)  
N: 6115466 E: 460778

GUIDE  
701117

TRAPPER  
728T003

DATUM: NAD83  
PROJECTION: UTM ZONE10

**LEGEND:**

PRGT Route: - - - - -  
Proposed Helicopter Pad: ●  
Heli Review Corridor: - - - - -

NOTES:  
Project to be flagged at time of  
construction.  
Distances shown are in metres and  
decimals thereof.  
This project is not within ALR

Caribou: No  
Karst Potential: No  
Coal: None  
Community Forest: None  
Guide / Outfitter: Yes  
Land Use Plan: Yes  
Mineral Reserve: Yes  
Quarry: None  
Grazing Range Tenure: None  
Timber Supply Area: Mackenzie  
Trapper: Yes  
Tree Farm License: None  
Ungulate Winter Range: None  
Wildlife Habitat Area: None  
Wildlife Tree Retention Area: No  
Wood Lot: None

Land Use Plans Within Proposed Project:  
(Layers not shown on sketch Plan)  
-Mackenzie LRMP

Land

Prince Rupert  
Gas Transmission Project



**PRINCE RUPERT GAS TRANSMISSION LTD.**

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER  
PAD (HELI ID MACK 11) WITH 30m RADIUS HELICOPTER PAD  
REVIEW CORRIDOR WITHIN UNIT 30, BLOCK I, 93-O-04

Unsurveyed Crown Land, Cariboo District



The intended plot size of this plan is 216mm in width by 280mm in  
height when plotted at a scale of 1: 1000 (use B size sheet)

BCGS: 0930.012

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/04/01	JM

**FOCUS**  
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FOCUS: 130875SK28R0  
ePASS: 10046415  
SHEET: 4 of 5

REV.  
0

135

### REA WITHIN CROWN LAND

#### HELICOPTER PAD

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
<b>TOTAL AREAS</b>	<b>0.13 ha</b>	<b>0.00 ha</b>	<b>0.13 ha</b>

### AREA WITHIN CROWN LAND

#### REVIEW CORRIDOR

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
<b>TOTAL AREAS</b>	<b>0.28 ha</b>	<b>0.00 ha</b>	<b>0.28 ha</b>

Unsurveyed

#### MINERAL/PLACER/COAL RESERVE

Ministry of Energy, Mines  
and Natural Gas  
Tenure #330209

GUIDE  
701117

TRAPPER  
728T003

Crown



MINERAL CLAIM  
Ministry of Energy, Mines  
and Natural Gas  
Tenure #580744

PROPOSED  
HELICOPTER PAD  
REVIEW CORRIDOR  
30m Radius (0.28 ha)

N: 6115174 E: 448158

PROPOSED  
HELICOPTER PAD  
HELI ID MACK 15  
20m Radius (0.13 ha)

N: 6115174 E: 448158

DATUM: NAD83  
PROJECTION: UTM ZONE10

#### LEGEND:

PRGT Route:   
Proposed Helicopter Pad:  
Heli Review Corridor:

Land Use Plans Within Proposed Project:  
(Layers not shown on sketch Plan)  
-Mackenzie LRMP

NOTES:  
Project to be flagged at time of  
construction.  
Distances shown are in metres and  
decimals thereof.  
This project is not within ALR

Caribou: No  
Karst Potential: No  
Coal: None  
Community Forest: None  
Guide / Outfitter: Yes  
Land Use Plan: Yes  
Mineral Reserve: Yes  
Quarry: None  
Grazing Range Tenure: None  
Timber Supply Area: Mackenzie  
Trapper: Yes  
Tree Farm License: None  
Ungulate Winter Range: None  
Wildlife Habitat Area: None  
Wildlife Tree Retention Area: No  
Wood Lot: None

Prince Rupert  
Gas Transmission Project



## PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER  
PAD (HELI ID MACK 15) WITH 30m RADIUS HELICOPTER PAD  
REVIEW CORRIDOR WITHIN UNITS 15 & 16, BLOCK K, 93-O-04

Unsurveyed Crown Land, Cariboo District



The intended plot size of this plan is 216mm in width by 280mm in  
height when plotted at a scale of 1: 1000 (use B size sheet)

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/04/01	JM

**FOCUS**  
Focus Surveys (BC) Limited Partnership

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FOCUS: 130875SK28R0  
ePASS: 10046415  
SHEET: 5 of 5

REV.  
0