



April 14, 2016

Prince Rupert Gas Transmission Ltd.
450 – 1st Street SW
Calgary, Alberta
2TP 5H1

Attention: Keri-Lynn Bruce

RE: Helipad within Unit 69, Block L, Group 93-P-13, Unit 60, Block L, Group 93-P-13, Unit 32, Block I, Group 93-O-16 and DL 1070, Unit 49, Block H, Group 93-O-16, Unit 30, Block H, Group 93-O-16, Unit 37, Block I, Group 93-O-10

Date of Issuance: May 9, 2016

Commission No.: 9638967

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: 130875SK01R2, Sheet 1-7 of 7, revision 2, dated March 3, 2014 (the "construction plan"), by WSP Surveys (BC) Limited Partnership as submitted to the Commission in the permit application dated March 24, 2014 (hereinafter referenced together as the "operating area"), 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* subject to the conditions set out below.
 - a) The permission to occupy and use Crown land expires one year from the date of issuance, or this permit is otherwise extended, suspended, cancelled, surrendered or declared spent.
 - b) The permission to occupy and use Crown land does not entitle the permit holder to exclusive possession of the site.
 - c) The total disturbance within the site must not exceed:
 - i. 0.13ha for Heli I.D. 3
 - ii. 0.13ha for Heli I.D. 2
 - iii. 0.13ha for Heli I.D. 3HP
 - iv. 0.13ha for Heli I.D. MR01
 - v. 0.13ha for Heli I.D. MR02
 - vi. 0.13ha for Heli I.D. MR03
 - vii. 0.13ha for Heli I.D. MR22

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. 5 under Master Licence to Cut number M02370.
3. This Cutting Permit is deemed spent upon the submission of the Post-Construction Plan.

CONDITIONS**Notification:**

1. 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 to OGC.ExternalNotifications@bcogc.ca.
2. 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 an ePASS shape file and PDF plan accurately identifying the location of the total area actually disturbed under this permit. The shape file and plan must be submitted to postconstructionplan@bcogc.ca.
3. The permit holder must notify the Halfway River First Nation prior to commencement of activities.
4. The permit holder must notify the McLeod Lake Indian Band Lands Use Department prior to commencement of activities.
5. The permit holder must notify the West Moberly First Nations Lands Use Department prior to commencement of activities.
6. The permit holder must notify the Sauteau First Nations Land Use Office prior to commencement of activities.

General:

7. 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.
8. The permit holder must not assign or sublicense 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.
9. 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.
10. The permit holder must ensure that any Crown land within the operating area is free of garbage, debris and unused equipment.

Environmental:

11. Following completion of the construction activities authorized under this authorization the permit holder must, as soon as practicable,
 - a) decompact any soils compacted by the activity;
 - b) 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
 - c) re-vegetate any exposed soil on the operating area using seed or vegetative propagules of an ecologically suitable species that

- i. promote the restoration of the wildlife habitat that existed on the area before the oil and gas activity was begun, and
 - ii. stabilize the soil if it is highly susceptible to erosion.
12. Following completion of the activities permitted under this permit, any surface soils removed from the site must be redistributed so that the soil structure is restored, to the extent practicable, to its condition before the activity was begun.

Clearing:

13. All harvested Crown timber must be marked with Timber Mark Number MTA 281.
14. Cutting Permit No. 5 does not grant the Permit Holder the exclusive right to harvest Crown timber from the site. 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 site at the time they undertake harvesting activities.
15. Stumpage for Cutting Permit No. 5 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).
16. 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 M02370.
17. The holder of Cutting Permit No. 5 must pay to the government, stumpage and any waste billing determined in accordance with the terms of this permit.
18. 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:

19. An Archaeological Impact Assessment (AIA) is required for the proposed development area prior to any development activities taking place.

If an archaeological site is recorded as a result of this assessment, a report must be submitted immediately to the Archaeology Branch of the Ministry of Forestry, Lands and Natural Resource Operations and the Commission and all mitigation measures must be approved by the Archaeology Branch prior to the start of construction.

If no archaeological site is recorded during this assessment, an AIA report is still required and must be submitted to the Archaeology Branch of the Ministry of Forestry, Lands and Natural Resource Operations and the Commission as soon as possible as per the Archaeology Process Guidelines.

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 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*.

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



For:
Andrew Osmond
Natural Resource Officer

pc: Roy Northern Land Service Ltd.
Commission No.: 9638967
MoFLNRO: Peace
OGC First Nations: HRFN, MLIB, SFN, WMFN

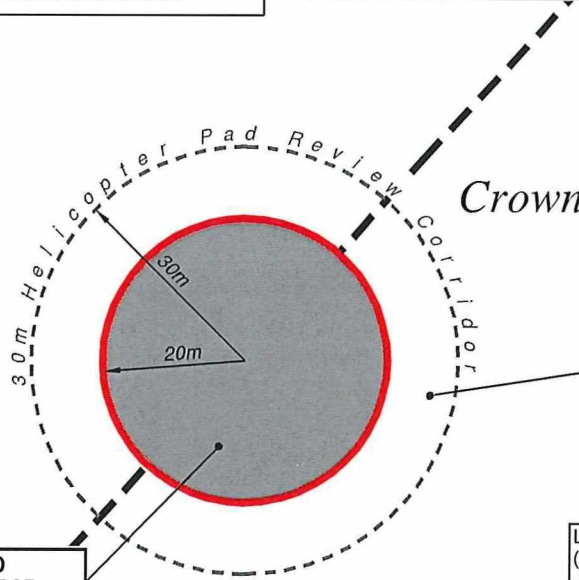
KLCN
KLFN
KLMS

Cutblock data is confirmed using information from the Government of BC sites for Forest MapView and iMapBC. Information from these sources can be subject to change without notice. Focus Surveys (Focus Surveys (BC) Limited Partnership) and its employees take no responsibility for accuracy or completeness of this information.

This plan represents the best information available at the time of survey. Focus Surveys (BC) and its employees take no responsibility for the location of any underground conduits, pipes, or other facilities whether shown on or omitted from this plan. All underground installations should be located by the respective authorities prior to construction.

Unsurveyed

OPENING #2
93P091



AGRICULTURAL
LAND RESERVE

GUIDE
701222

TRAPPER
731T007

PROPOSED
HELICOPTER PAD
REVIEW CORRIDOR
30m Radius (0.28 ha)
N: 6203688 E: 563556

PROPOSED
HELICOPTER PAD
HELI ID 3
20m Radius (0.13 ha)
N: 6203688 E: 563556

Land

Land use Plans Within Proposed Project:
(Layers not shown on sketch Plan)
-Dawson Creek LRMF
-Dawson Creek TSA

BLOCK L
PANG GROUP 93-P-13

MINERAL/PLACER/COAL
RESERVE
Ministry of Energy, Mines
and Petroleum Resources
Tenure #s 328780, 332498,
332534, 327194,
329168 & 1000160

DATUM: NAD83
PROJECTION: UTM ZONE10

AREA WITHIN CROWN LAND HELICOPTER PAD			
PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
TOTAL AREAS	0.13 ha	0.00 ha	0.13 ha

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

LEGEND:
Proposed Helicopter Pad:
PRGT Route:
Heli Review Corridor:

NOTES:
Project to be flagged at time of construction.
Distances shown are in metres & decimals.
This project is within the Agricultural
Land Reserve

Caribou: None
Karst Potential: Yes
Coal: None
Community Forest: None
Guide / Outfilter: Yes
Land Use Plan: Yes
Mineral Reserve: Yes
Quarry: None
Grazing Range Tenure: None
Timber Supply Area: Yes
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 I.D. 3) WITH 30m RADIUS HELICOPTER PAD
REVIEW CORRIDOR WITHIN UNIT 69, BLOCK L, 93-P-13
Unsurveyed Crown Land, Peace River 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 letter size sheet)

BCGS: 93P.091

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2013/08/14	TR
2	Moved All Heli Pads Closer to Current Routing	2014/03/03	JM

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

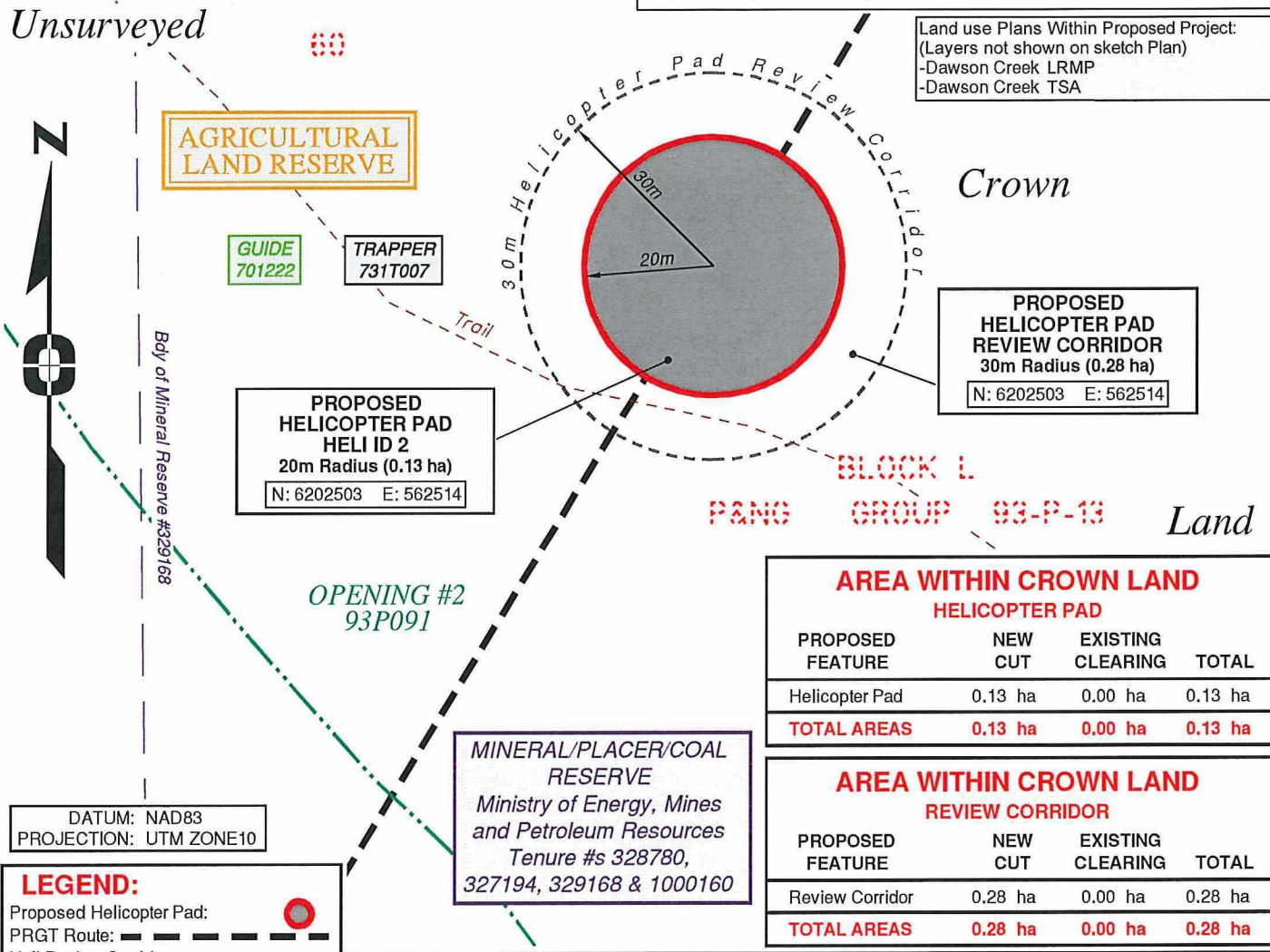
FOCUS: 130875SK01R2
ePASS: 10045978
SHEET: 1 of 7

REV.
2

9638967

This plan represents the best information available at the time of survey. Focus Surveys (BC) and its employees take no responsibility for the location of any underground conduits, pipes, or other facilities whether shown on or omitted from this plan. All underground installations should be located by the respective authorities prior to construction.

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Land use Plans Within Proposed Project:
(Layers not shown on sketch Plan)
-Dawson Creek LRMP
-Dawson Creek TSA

AREA WITHIN CROWN LAND HELICOPTER PAD

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
TOTAL AREAS	0.13 ha	0.00 ha	0.13 ha

AREA WITHIN CROWN LAND REVIEW CORRIDOR

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
TOTAL AREAS	0.28 ha	0.00 ha	0.28 ha

LEGEND:

- Proposed Helicopter Pad:
- PRGT Route:
- Heli Review Corridor:
- Cutblock:
- Mineral License / Application:
- Seismic line/trail:

NOTES:
Project to be flagged at time of construction. Distances shown are in metres & decimals. This project is within the Agricultural Land Reserve

Caribou:	None
Karst Potential:	Yes
Coal:	None
Community Forest:	None
Guide / Outfitter:	Yes
Land Use Plan:	Yes
Mineral Reserve:	Yes
Quarry:	None
Grazing Range Tenure:	None
Timber Supply Area:	Yes
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

TransCanada
In business to deliver

PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER PAD (HELI I.D. 2) WITH 30m RADIUS HELICOPTER PAD REVIEW CORRIDOR WITHIN UNIT 60, BLOCK L, 93-P-13

Unsurveyed Crown Land, Peace River 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 letter size sheet)

BCGS: 93P.091

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2013/08/14	TR
2	Moved All Heli Pads Closer to Current Routing	2014/03/03	JM

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FOCUS: 130875SK01R2
ePASS: 10045978
SHEET: 2 of 7

REV. 2

9638967

Cutblock data is confirmed using information from the Government of BC sites for Forest MapView and iMapBC. Information from these sources can be subject to change without notice. Focus Surveys (Focus Surveys (BC) Limited Partnership) and its employees take no responsibility for accuracy or completeness of this information.

This plan represents the best information available at the time of survey. Focus Surveys (BC) and its employees take no responsibility for the location of any underground conduits, pipes, or other facilities whether shown on or omitted from this plan. All underground installations should be located by the respective authorities prior to construction.

Unsurveyed

OPENING #18
930100

AGRICULTURAL
LAND RESERVE

MINERAL/PLACER/COAL
RESERVE
Ministry of Energy, Mines
and Petroleum Resources
Tenure #s 328780,
327194, 330209 & 1000160








PROPOSED
HELICOPTER PAD
HELI ID 3HP
20m Radius (0.13 ha)
N: 6200661 E: 561142

GUIDE
701222

TRAPPER
731T008

Land use Plans Within Proposed Project:
(Layers not shown on sketch Plan)
-Dawson Creek LRMP
-Dawson Creek TSA

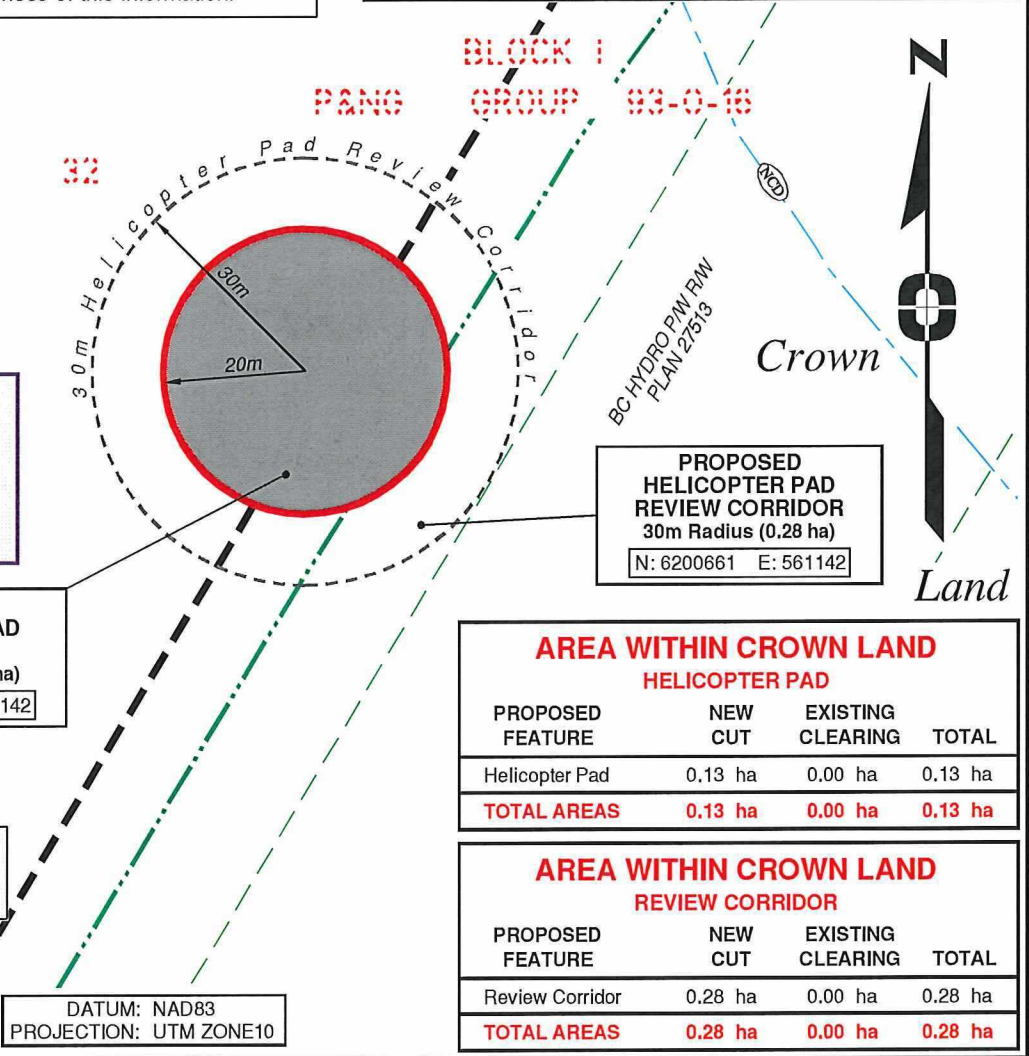
LEGEND:

- Proposed Helicopter Pad: 
- PRGT Route: 
- Heli Review Corridor: 
- Cutblock: 
- Right of Way: 
- Drainage: 
- Non-Classified Drainage: 

NOTES:

Project to be flagged at time of construction.
Distances shown are in metres & decimals.
This project is within the Agricultural
Land Reserve

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



**AREA WITHIN CROWN LAND
HELICOPTER PAD**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
TOTAL AREAS	0.13 ha	0.00 ha	0.13 ha

**AREA WITHIN CROWN LAND
REVIEW CORRIDOR**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
TOTAL AREAS	0.28 ha	0.00 ha	0.28 ha

DATUM: NAD83
PROJECTION: UTM ZONE10

Prince Rupert
Gas Transmission Project



PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER PAD (HELI I.D. 3HP) WITH 30m RADIUS HELICOPTER PAD REVIEW CORRIDOR WITHIN UNIT 32, BLOCK I, 93-O-16

Unsurveyed Crown Land, Peace River 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 letter size sheet)

BCGS: 93O.100

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2013/08/14	TR
2	Moved All Heli Pads Closer to Current Routing	2014/03/03	JM

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FOCUS: 130875SK01R2
ePASS: 10045978
SHEET: 3 of 7

REV.
2

9638967

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GUIDE
701222

TRAPPER
731T007

Unsurveyed

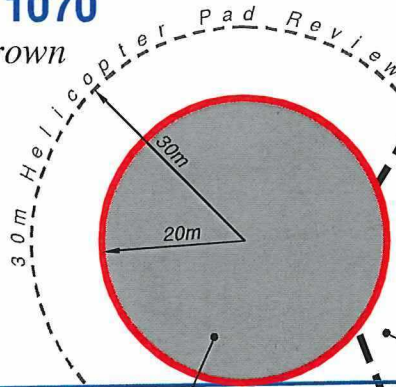
MINERAL/PLACER/COAL RESERVE
Ministry of Energy, Mines and Petroleum Resources
Tenure #s 328780, 330209 & 1000160

TRACE OCCURRENCES
CARIBOU HERD

DL 1070

Crown

58



BC HYDRO PM RW
PLAN 27513

Land

TREE FARM LICENSE
TFL-48

Coal Tenure
417722

AGRICULTURAL
LAND RESERVE

PROPOSED
HELICOPTER PAD
HELI ID MR01
20m Radius (0.13 ha)
N: 6193365 E: 556817

PROPOSED
HELICOPTER PAD
REVIEW CORRIDOR
30m Radius (0.28 ha)
N: 6193365 E: 556817

BLOCK H
PANG GROUP 93-O-16

DATUM: NAD83
PROJECTION: UTM ZONE10

LEGEND:

- Proposed Helicopter Pad:
- PRGT Route:
- Heli Review Corridor:
- Agricultural Land Reserve:
- Right of Way:
- Trim Trail:
- Tree Farm License:

Land use Plans Within Proposed Project
(Layers not shown on sketch Plan)
-Dawson Creek LRMP
-Dawson Creek TSA

**AREA WITHIN CROWN LAND
HELICOPTER PAD**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
TOTAL AREAS	0.13 ha	0.00 ha	0.13 ha

**AREA WITHIN CROWN LAND
REVIEW CORRIDOR**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
TOTAL AREAS	0.28 ha	0.00 ha	0.28 ha

NOTES:
Project to be flagged at time of construction.
Distances shown are in metres & decimals.
This project is not within the Agricultural Land Reserve

Caribou: Yes
Karst Potential: Yes
Coal: Yes
Community Forest: None
Guide / Outfitter: Yes
Land Use Plan: Yes
Mineral Reserve: Yes
Quarry: None
Grazing Range Tenure: None
Timber Supply Area: Yes
Trapper: Yes
Tree Farm License: Yes
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 I.D. MR01) WITH 30m RADIUS HELICOPTER PAD REVIEW CORRIDOR WITHIN UNIT 58, BLOCK H, 93-O-16 AND DL 1070

Unsurveyed Crown Land, Peace River 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 letter size sheet)

BCGS: 93O.090

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2013/08/14	TR
2	Moved All Heli Pads Closer to Current Routing	2014/03/03	JM

FOCUS
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FOCUS: 130875SK01R2
ePASS: 10045978
SHEET: 4 of 7

REV.
2

9638967

U surveyed

MINERAL/PLACER/COAL RESERVE
 Ministry of Energy, Mines and Petroleum Resources
 Tenure #s 328780, 330209 & 1000160

TRACE OCCURRENCES
 CARIBOU HERD

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GUIDE
 701222

TRAPPER
 731T007

TREE FARM LICENSE
 TFL-48

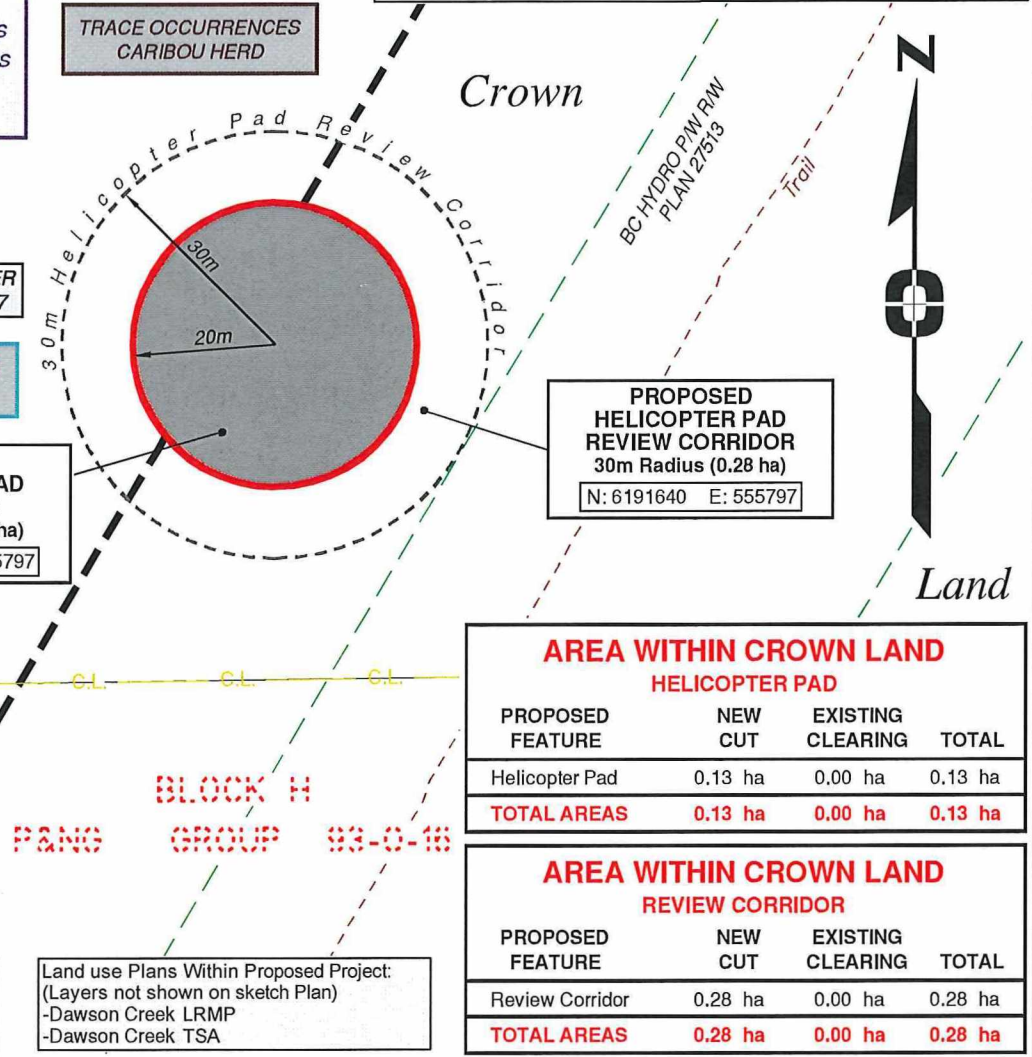
PROPOSED HELICOPTER PAD
 HELI ID MR02
 20m Radius (0.13 ha)
 N: 6191640 E: 555797

PROPOSED HELICOPTER PAD
 REVIEW CORRIDOR
 30m Radius (0.28 ha)
 N: 6191640 E: 555797

Coal Tenure
 417722

Coal Tenure
 417731

DATUM: NAD83
 PROJECTION: UTM ZONE10



**AREA WITHIN CROWN LAND
 HELICOPTER PAD**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
TOTAL AREAS	0.13 ha	0.00 ha	0.13 ha

**AREA WITHIN CROWN LAND
 REVIEW CORRIDOR**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
TOTAL AREAS	0.28 ha	0.00 ha	0.28 ha

LEGEND:
 Proposed Helicopter Pad:
 PRGT Route:
 Heli Review Corridor:
 Right of Way:
 Coal Tenure: C.L.
 Seismic line/trail:

Land use Plans Within Proposed Project:
 (Layers not shown on sketch Plan)
 -Dawson Creek LRMP
 -Dawson Creek TSA

**Prince Rupert
 Gas Transmission Project**



PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER PAD (HELI I.D. MR02) WITH 30m RADIUS HELICOPTER PAD REVIEW CORRIDOR WITHIN UNIT 49, BLOCK H, 93-O-16
 Unsurveyed Crown Land, Peace River 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 letter size sheet)
 BCGS: 93O.090

NOTES:
 Project to be flagged at time of construction.
 Distances shown are in metres & decimals.
 This project is not within the Agricultural Land Reserve

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

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2013/08/14	TR
2	Moved All Heli Pads Closer to Current Routing	2014/03/03	JM

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

FOCUS: 130875SK01R2
 ePASS: 10045978
 SHEET: 5 of 7
REV. 2

9638967

Unsurveyed

GUIDE
701222

TRAPPER
731T007

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BLOCK H
PANG GROUP 93-O-16

TREE FARM LICENSE
TFL-48

TRACE OCCURRENCES
CARIBOU HERD

Coal Tenure
417731



PROPOSED
HELICOPTER PAD
HELI ID MR03
20m Radius (0.13 ha)
N: 6189989 E: 554821

PROPOSED
HELICOPTER PAD
REVIEW CORRIDOR
30m Radius (0.28 ha)
N: 6189989 E: 554821

MINERAL/PLACER/COAL
RESERVE
Ministry of Energy, Mines
and Petroleum Resources
Tenure #s 328780 &
330209

DATUM: NAD83
PROJECTION: UTM ZONE10

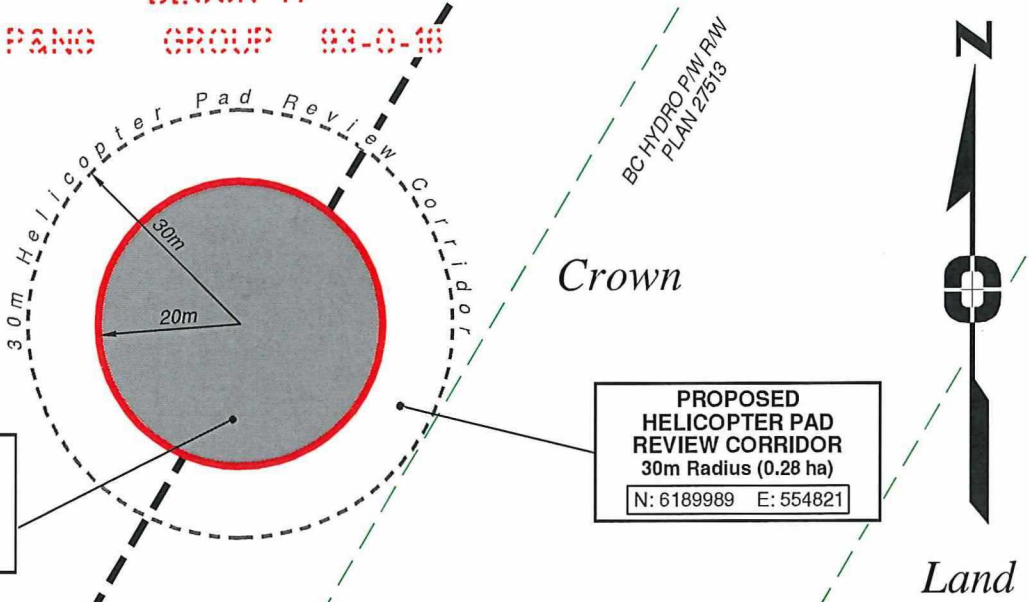
Land use Plans Within Proposed Project:
(Layers not shown on sketch Plan)
-Dawson Creek LRMP
-Dawson Creek TSA

LEGEND:

- Proposed Helicopter Pad:
- PRGT Route:
- Heli Review Corridor:
- Right of Way:

NOTES:
Project to be flagged at time of construction.
Distances shown are in metres & decimals.
This project is not within the
Agricultural Land Reserve

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



**AREA WITHIN CROWN LAND
HELICOPTER PAD**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
TOTAL AREAS	0.13 ha	0.00 ha	0.13 ha

**AREA WITHIN CROWN LAND
REVIEW CORRIDOR**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
TOTAL AREAS	0.28 ha	0.00 ha	0.28 ha

Prince Rupert Gas Transmission Project **TransCanada**
In business to deliver

PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER PAD (HELI I.D. MR03) WITH 30m RADIUS HELICOPTER PAD REVIEW CORRIDOR WITHIN UNIT 30, BLOCK H, 93-O-16
Unsurveyed Crown Land, Peace River 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 letter size sheet)

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2013/08/14	TR
2	Moved All Heli Pads Closer to Current Routing	2014/03/03	JM

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FOCUS: 130875SK01R2
ePASS: 10045978
SHEET: 6 of 7

REV.
2

9638967

Unsurveyed

MINERAL/PLACER/COAL RESERVE
Ministry of Energy, Mines and Petroleum Resources
Tenure # 330209

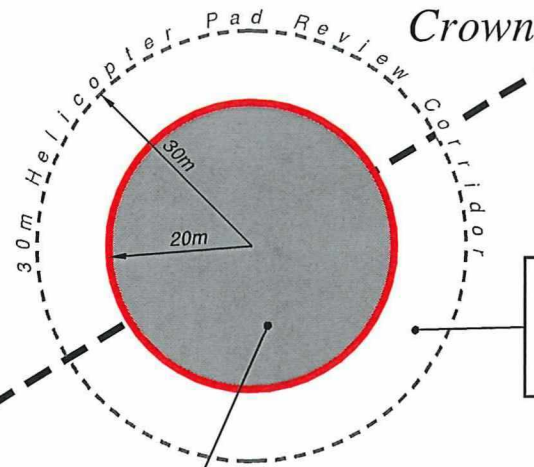
GUIDE 701222

TRAPPER 731T009

This plan represents the best information available at the time of survey. Focus Surveys (BC) and its employees take no responsibility for the location of any underground conduits, pipes, or other facilities whether shown on or omitted from this plan. All underground installations should be located by the respective authorities prior to construction.

MOBERLY CARIBOU HERD

Coal Tenure 417878



PROPOSED HELICOPTER PAD REVIEW CORRIDOR
30m Radius (0.28 ha)
N: 6172688 E: 526420

PROPOSED HELICOPTER PAD HELI ID MR22
20m Radius (0.13 ha)
N: 6172688 E: 526420

Land

BLOCK I
PANG GROUP 93-O-10

DATUM: NAD83
PROJECTION: UTM ZONE10

Land use Plans Within Proposed Project:
(Layers not shown on sketch Plan)
-Dawson Creek LRMP
-Dawson Creek TSA

LEGEND:
Proposed Helicopter Pad:
PRGT Route:
Heli Staging Review Corridor:

AREA WITHIN CROWN LAND HELICOPTER PAD

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
TOTAL AREAS	0.13 ha	0.00 ha	0.13 ha

AREA WITHIN CROWN LAND REVIEW CORRIDOR

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
TOTAL AREAS	0.28 ha	0.00 ha	0.28 ha

Prince Rupert Gas Transmission Project



PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER PAD (HELI I.D. MR22) WITH 30m RADIUS HELICOPTER PAD REVIEW CORRIDOR WITHIN UNIT 37, BLOCK I, 93-O-10
Unsurveyed Crown Land, Peace River 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 letter size sheet)
BCGS: 93O.068

NOTES:
Project to be flagged at time of construction.
Distances shown are in metres & decimals.
This project is not within the Agricultural Land Reserve

Caribou:	Yes
Karst Potential:	Yes
Coal:	Yes
Community Forest:	None
Guide / Outfitter:	Yes
Land Use Plan:	Yes
Mineral Reserve:	Yes
Quarry:	None
Grazing Range Tenure:	None
Timber Supply Area:	Yes
Trapper:	Yes
Tree Farm License:	None
Ungulate Winter Range:	None
Wildlife Habitat Area:	None
Wildlife Tree Retention Area:	None
Wood Lot:	None

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2013/08/14	TR
2	Moved All Heli Pads Closer to Current Routing	2014/03/03	JM

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FOCUS: 130875SK01R2
ePASS: 10045978
SHEET: 7 of 7

REV. 2



OGC File: 9638967

May 9, 2014

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

Attention: Surface Land Administrator

Re: Helipad Permit- Section 14 over Crown Land, Peace River District
within Unit 69, Block L, Group 93-P-13, Unit 60, Block L, Group 93-P-13, Unit 32, Block I,
Group 93-O-16 and DL 1070, Unit 49, Block H, Group 93-O-16, Unit 30, Block H, Group 93
O-16, Unit 37, Block I, Group 93-O-10.

Date of Issuance: May 9, 2014
Commission File No: 9638967
Applicant File No: 130316 (Heli-pads- Bundle 1- Revision)

PERMISSIONS

The Oil and Gas Commission ("Commission") hereby authorizes the holder of permit number 9638967, 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: 130875SK01R2, Sheet 1-7 of 7, Revision 2, dated March 3, 2014 as submitted to the Commission in the permit application dated March 24, 2014 (hereinafter referenced together as the "Site"), to construct and operate helicopter pads under Authorization Number 942411, subject to conditions set out below.

CONDITIONS

1. The permit holder may use and occupy the Site only for the purposes of constructing and operating helicopter pads for potential oil and gas activities and related activities as defined in the Oil and Gas Activities Act.
2. The total disturbance within the Site must not exceed:
 - a. 0.13 ha. for Heli I.D. 3
 - b. 0.13 ha. for Heli I.D. 2
 - c. 0.13 ha. for Heli I.D. 3HP
 - d. 0.13 ha. for Heli I.D. MR01
 - e. 0.13 ha. for Heli I.D. MR02
 - f. 0.13 ha. for Heli I.D. MR03
 - g. 0.13 ha. for Heli I.D. MR22

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.
13. An Archaeological Impact Assessment (AIA) is required for the proposed development area prior to any development activities taking place.

If an archaeological site is recorded as a result of this assessment, a report must be submitted immediately to the Archaeology Branch of the Ministry of Forests, Lands and

Natural Resource Operations (Archaeology Branch) and the Commission and all mitigation measures must be approved by the Archaeology Branch prior to the start of construction.

If no archaeological site is recorded during this assessment, an AIA report is still required and must be submitted to the Archaeology Branch and the Commission as soon as possible as per the Archaeology Process Guidelines.

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.
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. 5, under Master License to Cut number M02370, Peace 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 281.
4. The felling, bucking and utilization specifications in the Master License to Cut apply to this Cutting Permit.
5. Stumpage required to be paid under this cutting permit will be calculated on the gross project area. The amount will be determined upon submission of final as-cleared plans to the Commission and in accordance 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 within the Site of:
 - a. 0.13 ha. for Heli I.D. 3
 - b. 0.13 ha. for Heli I.D. 2
 - c. 0.13 ha. for Heli I.D. 3HP
 - d. 0.13 ha. for Heli I.D. MR01
 - e. 0.13 ha. for Heli I.D. MR02
 - f. 0.13 ha. for Heli I.D. MR03
 - g. 0.13 ha. for Heli I.D. MR22

ADDITIONAL CONDITIONS

1. The permit holder must notify the Halfway River First Nation prior to commencement of activities.
2. The permit holder must notify the McLeod Lake Indian Band Lands Use Department prior to commencement of activities.
3. The permit holder must notify the West Moberly First Nations Lands Use Department prior to commencement of activities.
4. The permit holder must notify the Sauleau First Nations Land Use Office prior to commencement of activities.

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



Justin Anderson
Natural Resource Officer

pc: Halfway River First Nation
pc: Kelly Lake Cree Nation
pc: Kelly Lake First Nation
pc: Kelly Lake Metis Settlement Society
pc: McLeod Lake Indian band
pc: Sauleau First Nation
pc: West Moberly First Nations
pc: Roy Northern Land and Environmental

Cutblock data is confirmed using information from the Government of BC websites for Forest MapView and iMapBC. Information from these sources can be subject to change without notice. Focus Surveys (Focus Surveys (BC) Limited Partnership) and its employees take no responsibility for accuracy or completeness of this information.

This plan represents the best information available at the time of survey. Focus Surveys (BC) and its employees take no responsibility for the location of any underground conduits, pipes, or other facilities whether shown on or omitted from this plan. All underground installations should be located by the respective authorities prior to construction.

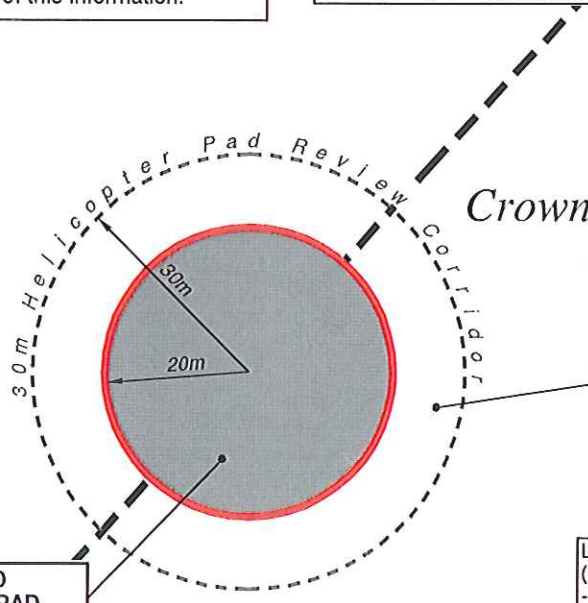
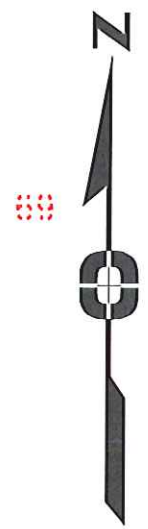
Unsurveyed

AGRICULTURAL LAND RESERVE

GUIDE 701222

TRAPPER 731T007

OPENING #2
93P091



PROPOSED HELICOPTER PAD HELI ID 3
20m Radius (0.13 ha)
N: 6203688 E: 563556

PROPOSED HELICOPTER PAD REVIEW CORRIDOR
30m Radius (0.28 ha)
N: 6203688 E: 563556

Land use Plans Within Proposed Project (Layers not shown on sketch Plan)
-Dawson Creek LRMP
-Dawson Creek TSA

BLOCK L
PANG GROUP 93-P-13

MINERAL/PLACER/COAL RESERVE
Ministry of Energy, Mines and Petroleum Resources
Tenure #s 328780, 332498, 332534, 327194, 329168 & 1000160

DATUM: NAD83
PROJECTION: UTM ZONE10

AREA WITHIN CROWN LAND HELICOPTER PAD

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
TOTAL AREAS	0.13 ha	0.00 ha	0.13 ha

AREA WITHIN CROWN LAND REVIEW CORRIDOR

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
TOTAL AREAS	0.28 ha	0.00 ha	0.28 ha

LEGEND:
Proposed Helicopter Pad:
PRGT Route:
Heli Review Corridor:

NOTES:
Project to be flagged at time of construction.
Distances shown are in metres & decimals.
This project is within the Agricultural Land Reserve

Caribou:	None
Karst Potential:	Yes
Coal:	None
Community Forest:	None
Guide / Outfilter:	Yes
Land Use Plan:	Yes
Mineral Reserve:	Yes
Quarry:	None
Grazing Range Tenure:	None
Timber Supply Area:	Yes
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 I.D. 3) WITH 30m RADIUS HELICOPTER PAD REVIEW CORRIDOR WITHIN UNIT 69, BLOCK L, 93-P-13
Unsurveyed Crown Land, Peace River 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 letter size sheet)

BCGS: 93P.091

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2013/08/14	TR
2	Moved All Heli Pads Closer to Current Routing	2014/03/03	JM

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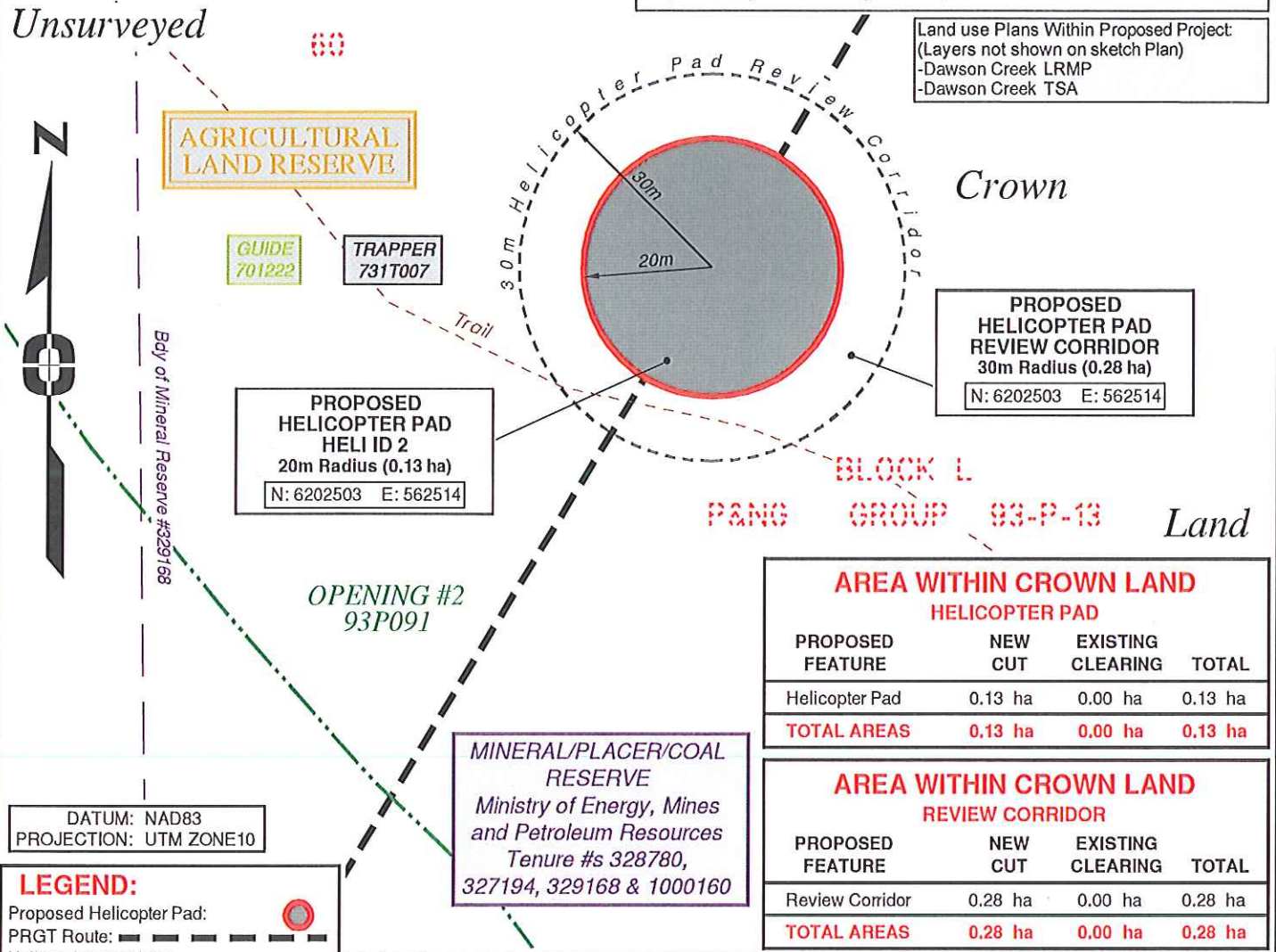
FOCUS: 130875SK01R2
ePASS: 10045978
SHEET: 1 of 7

REV. 2

This plan represents the best information available at the time of survey. Focus Surveys (BC) and its employees take no responsibility for the location of any underground conduits, pipes, or other facilities whether shown on or omitted from this plan. All underground installations should be located by the respective authorities prior to construction.

Cutblock data is confirmed using information from the Government of BC websites for Forest MapView and iMapBC. Information from these sources can be subject to change without notice. Focus Surveys (Focus Surveys (BC) Limited Partnership) and its employees take no responsibility for accuracy or completeness of this information.

Land use Plans Within Proposed Project
(Layers not shown on sketch Plan)
-Dawson Creek LRMP
-Dawson Creek TSA



PROPOSED HELICOPTER PAD HELI ID 2
20m Radius (0.13 ha)
N: 6202503 E: 562514

PROPOSED HELICOPTER PAD REVIEW CORRIDOR
30m Radius (0.28 ha)
N: 6202503 E: 562514

MINERAL/PLACER/COAL RESERVE
Ministry of Energy, Mines and Petroleum Resources
Tenure #s 328780, 327194, 329168 & 1000160

AREA WITHIN CROWN LAND HELICOPTER PAD

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
TOTAL AREAS	0.13 ha	0.00 ha	0.13 ha

AREA WITHIN CROWN LAND REVIEW CORRIDOR

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
TOTAL AREAS	0.28 ha	0.00 ha	0.28 ha

DATUM: NAD83
PROJECTION: UTM ZONE10

LEGEND:
Proposed Helicopter Pad:
PRGT Route:
Heli Review Corridor:
Cutblock:
Mineral License / Application:
Seismic line/trail:

NOTES:
Project to be flagged at time of construction. Distances shown are in metres & decimals. This project is within the Agricultural Land Reserve

Caribou: None
Karst Potential: Yes
Coal: None
Community Forest: None
Guide / Outfilter: Yes
Land Use Plan: Yes
Mineral Reserve: Yes
Quarry: None
Grazing Range Tenure: None
Timber Supply Area: Yes
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 **TransCanada**
In business to deliver

PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER PAD (HELI I.D. 2) WITH 30m RADIUS HELICOPTER PAD REVIEW CORRIDOR WITHIN UNIT 60, BLOCK L, 93-P-13
Unsurveyed Crown Land, Peace River 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 letter size sheet)

BCGS: 93P.091

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2013/08/14	TR
2	Moved All Heli Pads Closer to Current Routing	2014/03/03	JM

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FOCUS: 130875SK01R2
ePASS: 10045978
SHEET: 2 of 7

REV. 2

9638967

Cutblock data is confirmed using information from the Government of BC websites for Forest MapView and iMapBC. Information from these sources can be subject to change without notice. Focus Surveys (Focus Surveys (BC) Limited Partnership) and its employees take no responsibility for accuracy or completeness of this information.

This plan represents the best information available at the time of survey. Focus Surveys (BC) and its employees take no responsibility for the location of any underground conduits, pipes, or other facilities whether shown on or omitted from this plan. All underground installations should be located by the respective authorities prior to construction.

Unsurveyed

OPENING #18
930100

AGRICULTURAL
LAND RESERVE

MINERAL/PLACER/COAL
RESERVE
Ministry of Energy, Mines
and Petroleum Resources
Tenure #s 328780,
327194, 330209 & 1000160

PROPOSED
HELICOPTER PAD
HELI ID 3HP
20m Radius (0.13 ha)
N: 6200661 E: 561142

GUIDE
701222

TRAPPER
731T008

Land use Plans Within Proposed Project
(Layers not shown on sketch Plan)
-Dawson Creek LRMP
-Dawson Creek TSA

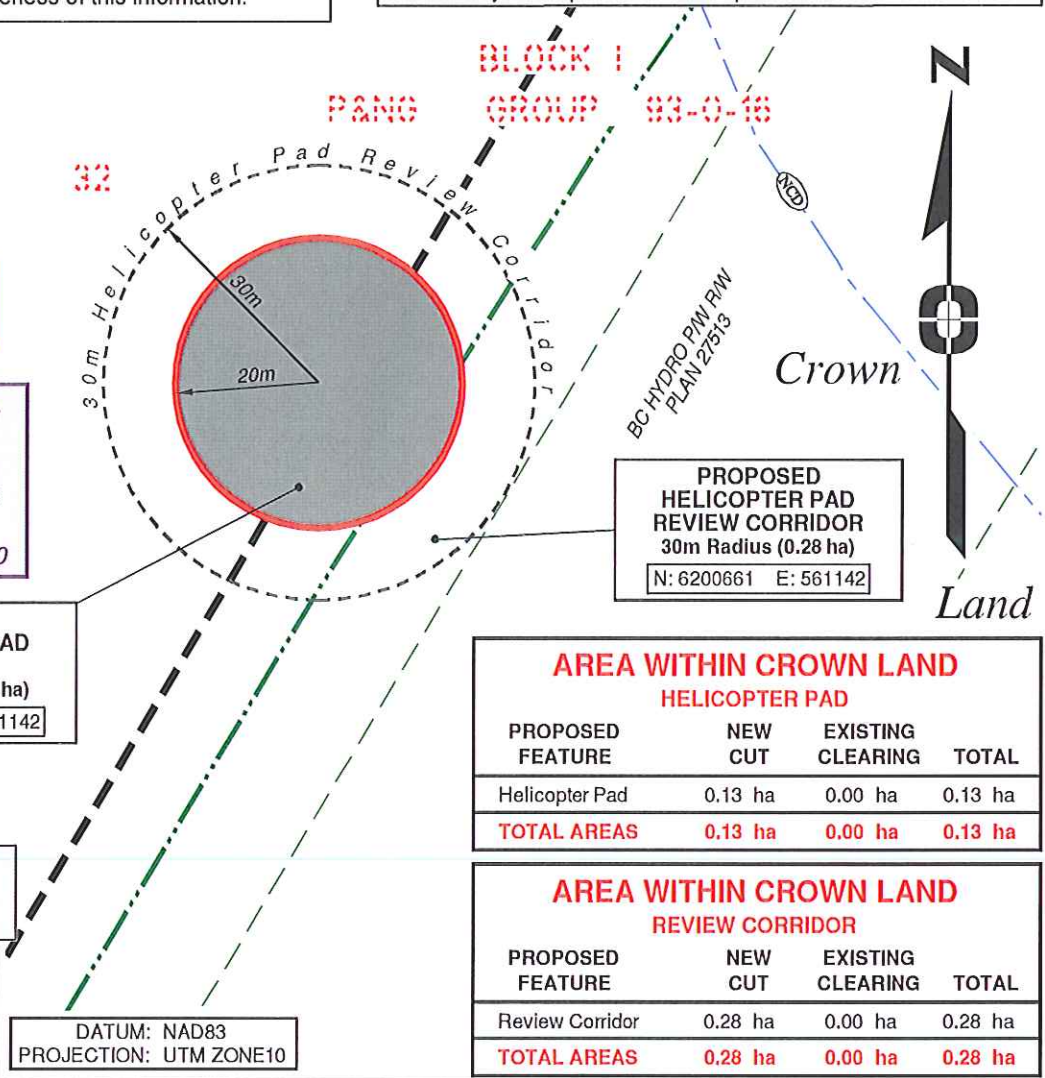
LEGEND:

- Proposed Helicopter Pad:
- PRGT Route:
- Heli Review Corridor:
- Cutblock:
- Right of Way:
- Drainage:
- Non-Classified Drainage:

NOTES:

Project to be flagged at time of construction.
Distances shown are in metres & decimals.
This project is within the Agricultural
Land Reserve

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



**AREA WITHIN CROWN LAND
HELICOPTER PAD**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
TOTAL AREAS	0.13 ha	0.00 ha	0.13 ha

**AREA WITHIN CROWN LAND
REVIEW CORRIDOR**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
TOTAL AREAS	0.28 ha	0.00 ha	0.28 ha

DATUM: NAD83
PROJECTION: UTM ZONE10

Prince Rupert
Gas Transmission Project



PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER PAD (HELI I.D. 3HP) WITH 30m RADIUS HELICOPTER PAD REVIEW CORRIDOR WITHIN UNIT 32, BLOCK I, 93-O-16
Unsurveyed Crown Land, Peace River 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 letter size sheet)

BCGS: 930.100

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2013/08/14	TR
2	Moved All Heli Pads Closer to Current Routing	2014/03/03	JM

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FOCUS: 130875SK01R2
ePASS: 10045978
SHEET: 3 of 7

REV.
2

This plan represents the best information available at the time of survey. Focus Surveys (BC) and its employees take no responsibility for the location of any underground conduits, pipes, or other facilities whether shown on or omitted from this plan. All underground installations should be located by the respective authorities prior to construction.

GUIDE
701222

TRAPPER
731T007

Unsurveyed

MINERAL/PLACER/COAL RESERVE
Ministry of Energy, Mines and Petroleum Resources
Tenure #s 328780, 330209 & 1000160








TRACE OCCURRENCES
CARIBOU HERD

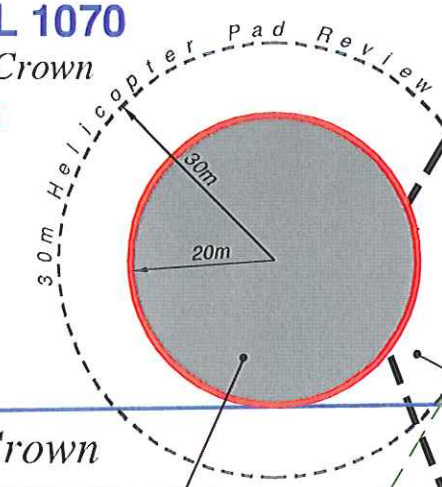
TREE FARM LICENSE
TFL-48

Coal Tenure
417722

AGRICULTURAL LAND RESERVE

DATUM: NAD83
PROJECTION: UTM ZONE10

LEGEND:
Proposed Helicopter Pad: 
PRGT Route: 
Heli Review Corridor: 
Agricultural Land Reserve: 
Right of Way: 
Trim Trail: 
Tree Farm License: 



PROPOSED HELICOPTER PAD HELI ID MR01
20m Radius (0.13 ha)
N: 6193365 E: 556817

PROPOSED HELICOPTER PAD REVIEW CORRIDOR
30m Radius (0.28 ha)
N: 6193365 E: 556817

AREA WITHIN CROWN LAND HELICOPTER PAD

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
TOTAL AREAS	0.13 ha	0.00 ha	0.13 ha

AREA WITHIN CROWN LAND REVIEW CORRIDOR

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
TOTAL AREAS	0.28 ha	0.00 ha	0.28 ha

Land use Plans Within Proposed Project:
(Layers not shown on sketch Plan)
-Dawson Creek LRMP
-Dawson Creek TSA

Prince Rupert Gas Transmission Project



PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER PAD (HELI I.D. MR01) WITH 30m RADIUS HELICOPTER PAD REVIEW CORRIDOR WITHIN UNIT 58, BLOCK H, 93-O-16 AND DL 1070
Unsurveyed Crown Land, Peace River 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 letter size sheet)

BCGS: 93O.090

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2013/08/14	TR
2	Moved All Heli Pads Closer to Current Routing	2014/03/03	JM

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FOCUS: 130875SK01R2
ePASS: 10045978
SHEET: 4 of 7

REV. 2

NOTES:
Project to be flagged at time of construction.
Distances shown are in metres & decimals.
This project is not within the Agricultural Land Reserve

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

Unsurveyed

MINERAL/PLACER/COAL RESERVE
 Ministry of Energy, Mines and Petroleum Resources
 Tenure #s 328780, 330209 & 1000160

TRACE OCCURRENCES
 CARIBOU HERD

This plan represents the best information available at the time of survey. Focus Surveys (BC) and its employees take no responsibility for the location of any underground conduits, pipes, or other facilities whether shown on or omitted from this plan. All underground installations should be located by the respective authorities prior to construction.

GUIDE
 701222

TRAPPER
 731T007

TREE FARM LICENSE
 TFL-48

PROPOSED HELICOPTER PAD
 HELI ID MR02
 20m Radius (0.13 ha)
 N: 6191640 E: 555797

PROPOSED HELICOPTER PAD
 REVIEW CORRIDOR
 30m Radius (0.28 ha)
 N: 6191640 E: 555797

Coal Tenure
 417722

Coal Tenure
 417731

DATUM: NAD83
 PROJECTION: UTM ZONE 10

BLOCK H
 PANG GROUP 93-O-16

AREA WITHIN CROWN LAND

HELICOPTER PAD

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
TOTAL AREAS	0.13 ha	0.00 ha	0.13 ha

AREA WITHIN CROWN LAND

REVIEW CORRIDOR

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
TOTAL AREAS	0.28 ha	0.00 ha	0.28 ha

LEGEND:

- Proposed Helicopter Pad:
- PRGT Route:
- Heli Review Corridor:
- Right of Way:
- Coal Tenure:
- Seismic line/trail:

NOTES:

Project to be flagged at time of construction. Distances shown are in metres & decimals. This project is not within the Agricultural Land Reserve

Caribou: Yes
Karst Potential: Yes
Coal: Yes
Community Forest: None
Guide / Outfilter: Yes
Land Use Plan: Yes
Mineral Reserve: Yes
Quarry: None
Grazing Range Tenure: None
Timber Supply Area: Yes
Trapper: Yes
Tree Farm License: 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)
 -Dawson Creek LRMP
 -Dawson Creek TSA

Prince Rupert
 Gas Transmission Project



PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER PAD (HELI I.D. MR02) WITH 30m RADIUS HELICOPTER PAD REVIEW CORRIDOR WITHIN UNIT 49, BLOCK H, 93-O-16

Unsurveyed Crown Land, Peace River 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 letter size sheet)

BCGS: 930.090

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2013/08/14	TR
2	Moved All Heli Pads Closer to Current Routing	2014/03/03	JM

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FOCUS: 130875SK01R2
 ePASS: 10045978
 SHEET: 5 of 7

REV.
2

Unsurveyed

GUIDE
701222

TRAPPER
731T007

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BLOCK H
PANG GROUP 93-0-16

TREE FARM LICENSE
TFL-48

TRACE OCCURRENCES
CARIBOU HERD

Coal Tenure
417731

30


PROPOSED
HELICOPTER PAD
HELI ID MR03
20m Radius (0.13 ha)
N: 6189989 E: 554821


PROPOSED
HELICOPTER PAD
REVIEW CORRIDOR
30m Radius (0.28 ha)
N: 6189989 E: 554821


MINERAL/PLACER/COAL
RESERVE
Ministry of Energy, Mines
and Petroleum Resources
Tenure #s 328780 &
330209


DATUM: NAD83
PROJECTION: UTM ZONE10

LEGEND:

Proposed Helicopter Pad: 

PRGT Route: 

Heli Review Corridor: 

Right of Way: 

NOTES:
Project to be flagged at time of construction.
Distances shown are in metres & decimals.
This project is not within the
Agricultural Land Reserve

Caribou: Yes
Karst Potential: Yes
Coal: Yes
Community Forest: None
Guide / Outfitter: Yes
Land Use Plan: Yes
Mineral Reserve: Yes
Quarry: None
Grazing Range Tenure: None
Timber Supply Area: Yes
Trapper: Yes
Tree Farm License: 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)
-Dawson Creek LRMP
-Dawson Creek TSA

**AREA WITHIN CROWN LAND
HELICOPTER PAD**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
TOTAL AREAS	0.13 ha	0.00 ha	0.13 ha

**AREA WITHIN CROWN LAND
REVIEW CORRIDOR**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
TOTAL AREAS	0.28 ha	0.00 ha	0.28 ha

Prince Rupert
Gas Transmission Project



PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER PAD (HELI I.D. MR03) WITH 30m RADIUS HELICOPTER PAD REVIEW CORRIDOR WITHIN UNIT 30, BLOCK H, 93-0-16
Unsurveyed Crown Land, Peace River 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 letter size sheet)

BCGS: 930,090

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2013/08/14	TR
2	Moved All Heli Pads Closer to Current Routing	2014/03/03	JM

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FOCUS: 130875SK01R2
ePASS: 10045978
SHEET: 6 of 7

REV.
2

Unsurveyed

MINERAL/PLACER/COAL RESERVE
 Ministry of Energy, Mines and Petroleum Resources
 Tenure # 330209

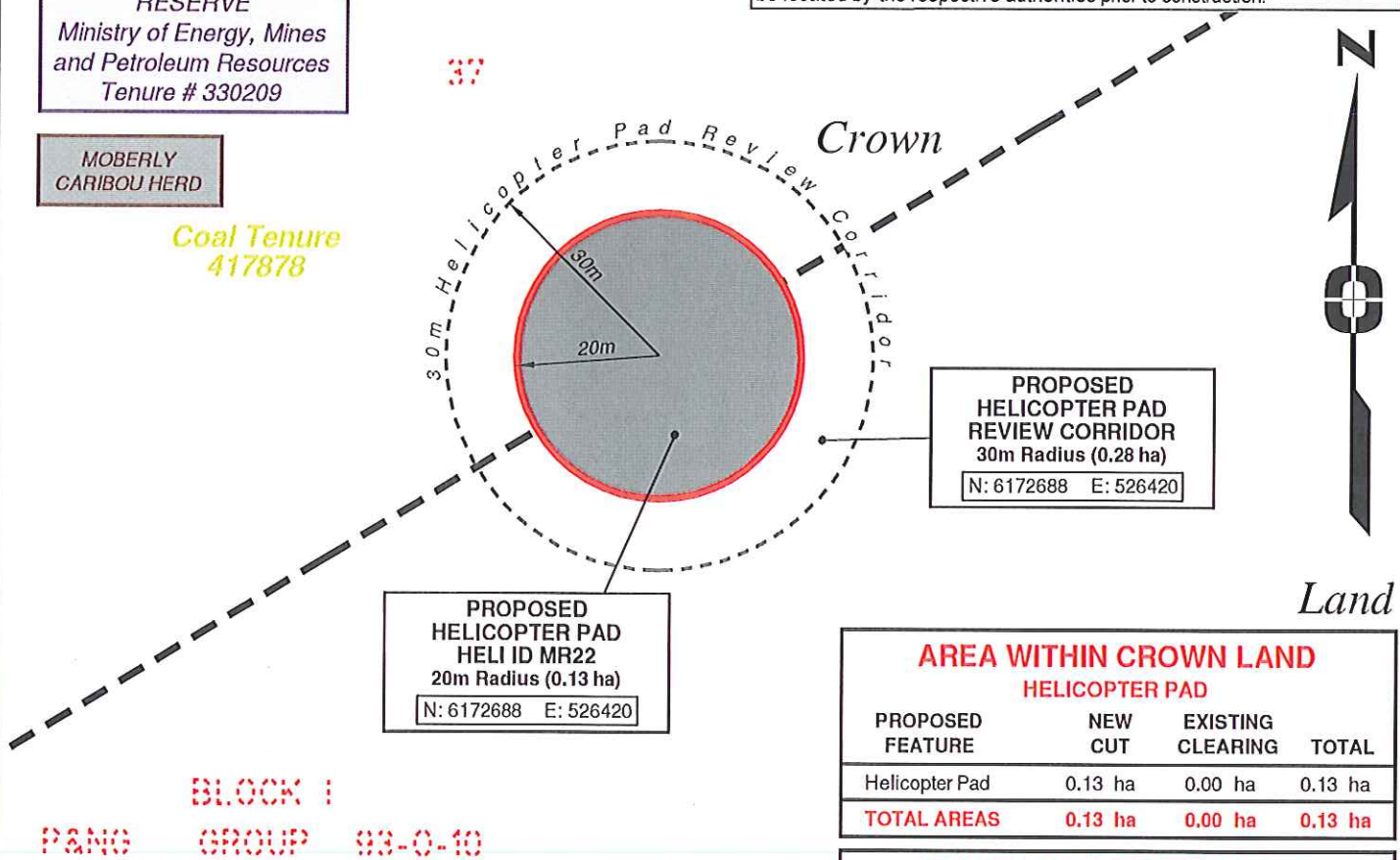
MOBERLY CARIBOU HERD

Coal Tenure 417878

GUIDE 701222

TRAPPER 7317009

This plan represents the best information available at the time of survey. Focus Surveys (BC) and its employees take no responsibility for the location of any underground conduits, pipes, or other facilities whether shown on or omitted from this plan. All underground installations should be located by the respective authorities prior to construction.



PROPOSED HELICOPTER PAD HELI ID MR22
 20m Radius (0.13 ha)
 N: 6172688 E: 526420

PROPOSED HELICOPTER PAD REVIEW CORRIDOR
 30m Radius (0.28 ha)
 N: 6172688 E: 526420

AREA WITHIN CROWN LAND HELICOPTER PAD

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Helicopter Pad	0.13 ha	0.00 ha	0.13 ha
TOTAL AREAS	0.13 ha	0.00 ha	0.13 ha

AREA WITHIN CROWN LAND REVIEW CORRIDOR

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Review Corridor	0.28 ha	0.00 ha	0.28 ha
TOTAL AREAS	0.28 ha	0.00 ha	0.28 ha



DATUM: NAD83
 PROJECTION: UTM ZONE10

Land use Plans Within Proposed Project:
 (Layers not shown on sketch Plan)
 -Dawson Creek LRMP
 -Dawson Creek TSA

LEGEND:
 Proposed Helicopter Pad:
 PRGT Route:
 Heli Staging Review Corridor:

NOTES:
 Project to be flagged at time of construction.
 Distances shown are in metres & decimals.
 This project is not within the Agricultural Land Reserve


Caribou: Yes
Karst Potential: Yes
Coal: Yes
Community Forest: None
Guide / Outfitter: Yes
Land Use Plan: Yes
Mineral Reserve: Yes
Quarry: None
Grazing Range Tenure: None
Timber Supply Area: Yes
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 LTD.

SKETCH PLAN SHOWING PROPOSED 20m RADIUS HELICOPTER PAD (HELI I.D. MR22) WITH 30m RADIUS HELICOPTER PAD REVIEW CORRIDOR WITHIN UNIT 37, BLOCK 1, 93-O-10


Unsurveyed Crown Land, Peace River 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 letter size sheet)

BCGS: 930.068

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2013/08/14	TR
2	Moved All Heli Pads Closer to Current Routing	2014/03/03	JM



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FOCUS: 130875SK01R2
 ePASS: 10045978
 SHEET: 7 of 7

REV.
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