



OGC File: 9638595

April 10, 2014

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

Attention: Surface Land Administrator

Re: Investigative Permit- Section 14 over Crown Land, Cassiar District
within Units 41, 42, 43, 51, Block G, 103-P-9 and Unit 60, Block H, 103-P-9.

Date of Issuance: April 10, 2014
Commission File No: 9638595
Applicant File No: 130316 (Crossing 80)

PERMISSIONS

The Oil and Gas Commission ("Commission") hereby authorizes the holder of permit number 9638595, 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 borehole, temporary trail and geophysical trail in the attached sketch plan Document No: FOCUS: 130425SK02R2, Revision 2, dated August 12, 2013 as submitted to the Commission in the permit application dated January 30, 2014 (hereinafter referenced together as the "Site"), to conduct appraisals, inspections, analyses, inventories, surveys or other investigations under Authorization Number 941779, 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:
 - a. Borehole Location: 0.08ha.
 - b. Geophysical Trail: 0.07 ha.
 - c. Temporary Access Trail: 0.29 ha.
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.
14. 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 (Archaeology Branch) and the Commission and all mitigation measures must be approved by the Archaeology Branch prior to the start of construction.
15. 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.

16. 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 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.
17. 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.
18. 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. 2, under Master License to Cut number M02374, Skeena Stikine 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 091.
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. No cutting is permitted outside the geotechnical investigative area.

11. This permit authorizes a maximum total new cut area within the investigative area of:

- a. Borehole Location: 0.08ha.
- b. Geophysical Trail: 0.07 ha.
- c. Temporary Access Trail: 0.26 ha.

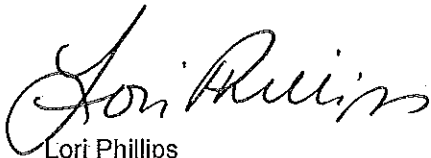
ADDITIONAL CONDITIONS

- 1. Topsoil stripping, ditching and road bed construction are not permitted within the site.
- 2. The permit holder must provide any archaeological reports to Chief Gitluudaahlxw.
- 3. The permit holder must contact Chief Gitluudaahlxw and Chief Wii Mulgulsxw prior to commencement of activities.
- 4. No boreholes are permitted within the Riparian Management Area.

ADVISORY GUIDANCE

- 1. Chief Gitluudaahlxw has requested that the permit holder notify of the commencement of activities two weeks prior.
- 2. Chief Gitluudaahlxw has requested that the permit holder provide an opportunity for an Environmental Monitor to participate in permitted field work.
- 3. Chief Gitluudaahlxw has requested that any timber be made available to the house right holder.
- 4. Chief Gitluudaahlxw can be contacted at 250-842-5700.

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



Lori Phillips
Review Approval Resource Officer

pc: Naa Dax Deet Laxwiiyip
pc: Sgan Snaat Laxwiiyip
pc: Roy Northern Land and Environmental
pc: digital copy to: Ronnie_Robinson@transcanada.com

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 (FCS Land Services 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 (FCS Land Services Limited Partnership) 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.

NOTES:

Project to be flagged at time of construction.
Distances shown are in metres and decimals thereof.
Contours are shown at 20m intervals.
This project is not within the Agricultural Land Reserve

Unsurveyed 53

PANG GROUP 103-P-9

GITXSAN FORESTRY ROAD
75m ROAD TENURE
LICENSE #R02415

OPENING #16
103P.070

UNTENURED ROAD
GITXSAN FORESTRY
ROAD R02415.2

TEMPORARY
ACCESS TRAIL (S3)
5 x 1806m (0.90ha)
(Within Existing Road)

VISUAL LAND
INVENTORY
EVC Final = PR
VAC Final = M
VSC Final = 4

Geotechnical Investigative Program Footprint Total Area = 10.13 ha

AREA WITHIN CROWN LAND

CROSSING No. 80

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Borehole Location #1	0.04 ha	0.00 ha	0.04 ha
Borehole Location #2	0.04 ha	0.00 ha	0.04 ha
Temp Trail (S1)	0.17 ha	0.00 ha	0.17 ha
Geoph Trail (S2)	0.04 ha	0.00 ha	0.04 ha
Temp Trail (S3)	0.09 ha	0.81 ha	0.90 ha
Geoph Trail (S4)	0.03 ha	0.00 ha	0.03 ha
TOTAL AREAS	0.41 ha	0.81 ha	1.22 ha

Geotechnical Investigative Area = 10.13 ha

No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 9	OWNER
8	(S4) 0+209	End of Proposed Geoph Trail	N: 6164666 E: 554423	TCPL
7	(S4) 0+000	Start of Proposed Geoph Trail	N: 6164542 E: 554256	TCPL
6	(S3) 1+806	End of Proposed Temp. Access Trail	N: 6164577 E: 554255	TCPL
5	(S3) 0+000	Start of Proposed Temp. Access Trail	N: 6164618 E: 552827	TCPL
4	(S2) 0+273	End of Proposed Geoph Trail	N: 6164778 E: 554573	TCPL
3	(S2) 0+000	Start of Proposed Geoph Trail	N: 6164942 E: 554792	TCPL
2	(S1) 0+344	End of Proposed Temp. Access Trail	N: 6164953 E: 554808	TCPL
1	(S1) 0+000	Start of Proposed Temp. Access Trail	N: 6165159 E: 555084	TCPL




















TABLE OF CROSSINGS

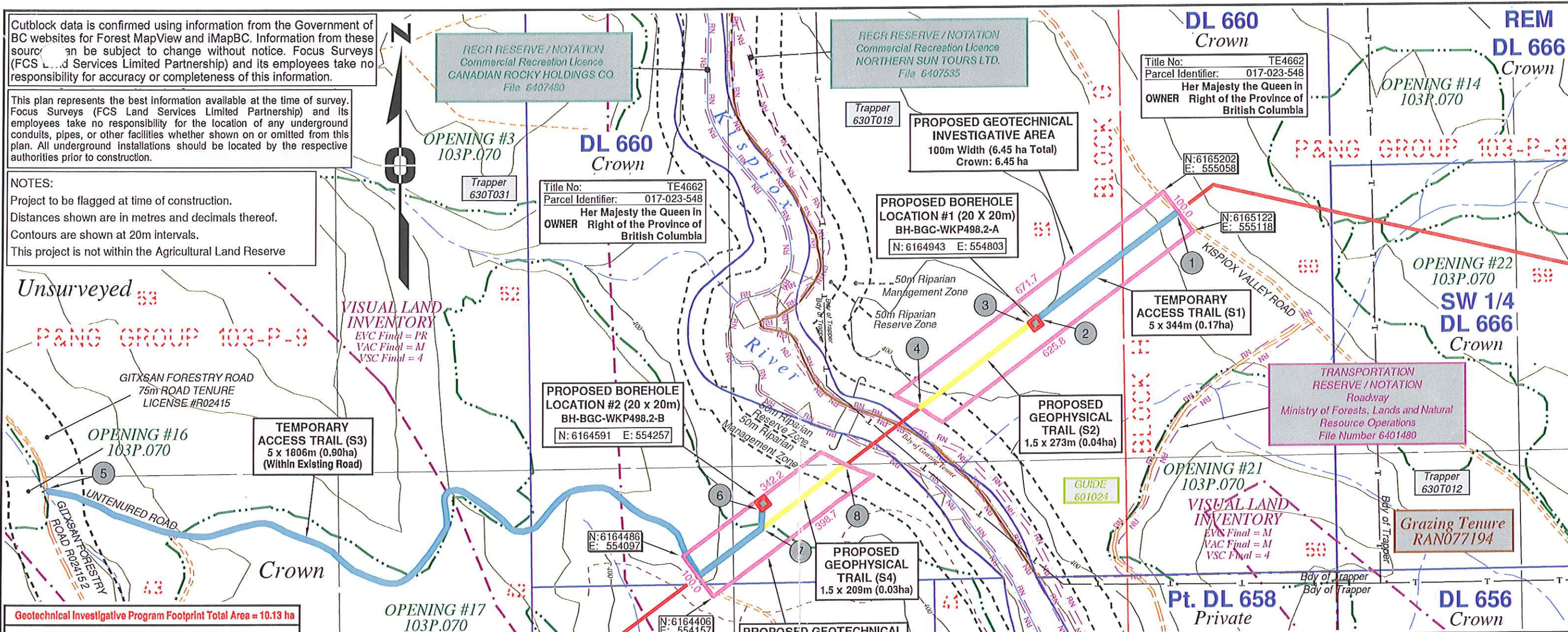
DATUM: NAD83
PROJECTION: UTM ZONE 9

Land

Caribou: None
Coal: None
Community Forest: None
Guide / Outfilter: Yes
Mineral Reserve: None
Grazing Range Tenure: Yes
Trapper: Yes
Tree Farm License: None
Transportation Reserve/Notation: None
Ungulate Winter Range: None
Wildlife Habitat Area: None
Wildlife Tree Retention Area: No
Wood Lot: None
Quarry: None
Recreation Reserve: None

LEGEND:

Investigative Area Centerline: 
Proposed Borehole Location: 
Proposed Geotechnical Investigative Area: 
Proposed 1.5m Geophysical Trail: 
5m Temporary Access Trail: 
Right of Way: 
Existing roadway: 
Seismic line/trail: 
Watercourse: 
Cutblock: 
Grazing Tenure: 
Visual Land Inventory: 
Guide / Outfilter: 
Trapper: 
Miscellaneous Reserve / Notation: 
Road Width Tenure: 
Riparian: 
Quarry: 
Crossing: 



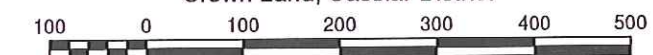
Prince Rupert
Gas Transmission Project



PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED GEOTECHNICAL
INVESTIGATIVE PROGRAM (CROSSING No. 80) WITHIN
UNITS 41, 42, 43, 51, BLK G, 103-P-9 & UNIT 60, BLK H, 103-P-9

Crown Land, Cassiar District



The intended plot size of this plan is 432mm in width by 280mm in height when plotted at a scale of 1: 7500 (use B size sheet)

BCGS: 103P.070

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2013/05/14	DC
2	Revised Crossing Table and Area Table	2013/08/12	TW

FOCUS
FCS Land Services Limited Partnership
10716 - 100th Avenue Fort St John BC
V1J 1Z3 250.787.0300 www.focus.ca

FOCUS:
ePASS: 130425SK02R2
10043541
SHEET: 1 of 1

REV.
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