



Commission File: 9637422

March 8, 2013

Coastal GasLink Pipeline Ltd.  
450 – 1<sup>st</sup> Street SW  
Calgary, Alberta T2P 5H1

Attention: Surface Land Administrator

Re: Correction of Investigative Use Permit – Section 14 over Crown Land, Peace River District

The Oil and Gas Commission hereby corrects the Permit and Authorizations Associated with the Permit dated March 6, 2013 within the areas described as "Investigative Area" and "20.0m Access Buffer" in the sketch plan Document No.: CGE4703-MSI-G-MP-031-SukunkaR-BH-Sketch, Revision 1, dated November 27, 2012.

The Cutting Permit Authorization Associated with the Permit has been corrected as follows:

Condition 3 corrected from:

- All harvested Crown timber must be marked with Timber Mark Number **MSZ 422**.

to:

- All harvested Crown timber must be marked with Timber Mark Number **MSZ 574**.

The Permit holder must comply with all conditions in the original Permit and subsequent amendments.

The permit holder shall comply with all applicable laws, including the *Fisheries Act (Canada)*, *Water Act*, *Environmental Management Act*, *Workers Compensation Act*, *Wildlife Act* and the *Forest Act*.

This amendment forms an integral part of your Permit and should be attached thereto.

A handwritten signature in black ink, appearing to read 'Ryan Stark', written over a horizontal line.

Ryan Stark  
Authorized Signatory  
Commission Delegated Decision Maker

cc: Roy Northern Land Service Ltd.  
MoFLNRO, Peace



OGC File: 9637422

March 6, 2013

Coastal GasLink Pipeline Ltd.  
450 – 1<sup>st</sup> Street SW  
Calgary, Alberta T2P 5H1

Attention: Surface Land Administrator

Re: Investigative Permit- Section 14 over Crown Land, Peace River District  
within units 10, 20, 60, 69 and 70, block A, and units 11, 41 and 51, block B, 93-P-12.

Date of Issuance: March 6, 2013

Commission File No: 9637422

Applicant File No: 120496

## PERMISSIONS

The Oil and Gas Commission ("Commission") hereby authorizes the holder of permit number 9637422, under section 14 of the *Land Act*, to allow Coastal GasLink Pipeline Ltd. (the "permit holder") to occupy Crown land within the areas described as "Investigative Area" and "20.0m Access Buffer" in the attached sketch plan Document No: CGE4703-MSI-G-MP-031-SukunkaR-BH-Sketch, Revision 1, dated November 27, 2012 as submitted to the Commission in the permit application dated November 30, 2012 (hereinafter referenced together as the "Site"), to conduct appraisals, inspections, analyses, inventories, surveys or other investigations under Authorization Number 939780, 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 Site must not exceed 1.433Ha.
3. The permit holder will indemnify the Province of British Columbia (the Province) and the Oil and Gas 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 Oil and Gas 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 Oil and Gas 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 48 hours prior to commencing activities under this permit.
13. An Archaeological Impact Assessment ("AIA") must be conducted for the proposed development area.
14. If an archaeological site is recorded as a result of the AIA referenced in condition 13, above: an AIA report must be submitted immediately to the Oil and Gas Commission and all mitigation measures must be approved by the Commission's archaeology staff prior to conducting activities under this Permit; and all activities conducted under this Permit must be completed in accordance with the approved mitigation measures.
15. If no archaeological site is recorded during the AIA referenced in condition 14, above, an AIA report must be submitted to the Commission as soon as possible as per the Archaeology Process Guidelines.

16. In the event that:

- a. a heritage site, heritage object or any other feature, place or material that may contain historical or archaeological value as defined by the Heritage Conservation Act [RSBC 1996] Chapter 187; or
- b. any other cultural heritage material or feature

is encountered while conducting activities under this Permit, the permit holder must cease immediately disturbance activities and immediately notify the Commission.

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 M02340, Peace River 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 MSZ 422.
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 using the area reserve stumpage rate and will be calculated based on the new Crown land area disturbed within the Site. The amount will be determined upon submission of the 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, as defined in the Provincial Logging and Waste Measurements Procedures Manual, 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 1.433Ha within the Site.

#### CHANGES IN AND ABOUT A STREAM AUTHORIZATION

Pursuant to section 9 of the *Water Act*, the Commission hereby authorizes the permit holder to make changes in and about a stream subject to the following conditions:

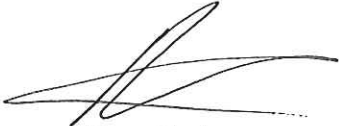
1. The approved temporary stream crossing locations are identified on the attached sketch plan Document No: CGE4703-MSI-G-MP-031-SukunkaR-BH-Sketch, Revision 1, dated November 27, 2012.
2. This approval does not authorize any work or undertaking that results in the harmful alteration, disruption or destruction of fish habitat, as described within the *Federal Fisheries Act of Canada*
3. Stream crossing methods must be selected and constructed in accordance with the *Environmental Protection and Management Guidebook*, including Best Management Practices outlined therein
4. No in-stream works on fish bearing streams that may adversely impact fish or fish habitat are authorized.
5. Refer to the Forest Practices Code of British Columbia Act – Forest Road Regulation at: <http://www.for.gov.bc.ca/tasb/legsregs/ARCHIVE/FPC/FPCAREGS/forroad/froadr.htm#secti on7-1> for more information regarding temporary and permanent structures.

#### ADDITIONAL CONDITIONS

1. Portions of the Site within the high water mark of the Sukunka may only be used as access for machinery during frozen conditions.
2. Ground disturbance, except when drilling boreholes, within the high water mark of the Sukunka River is prohibited.
3. This permit only authorizes operations on Crown land.
4. The permit holder must ensure that all soils within the project area are not disturbed, rutted, or compacted. If any soils are disturbed, the affected area must be reclaimed to the standard of soil conditions adjacent to the project area or to the Commission's satisfaction.
5. In consideration of the West Moberly First Nations is recommended the permit holder notify West Moberly First Nations Land Use Office (250-788-7259) prior to commencement of construction.
6. In consideration of the Saulteau First Nations it is recommended the permit holder notify Saulteau First Nations Land Use Office (250-788-7289) prior to commencement of construction.

7. The Oil and Gas Commission recommends the Permit holder notify the McLeod Lake Indian Band prior to project commencement.

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



Ryan Stark  
Natural Resource Officer

pc: FLNRO – Peace River

pc: Kelly Lake Cree Nation, Kelly Lake First Nation, Kelly Lake Metis Settlement Society, McLeod Lake Indian Band, Saulteau First Nation, and West Moberly First Nation.



LEGEND:

Proposed 10 x 10 Borehole Pad

Investigative Area

Coastal GasLink Study Corridor Centerline

1.5 Access

5.0 Access

Existing Access

District Lot Boundary

PNG Grid Boundary

20.0 Access Buffer

Windpower Permit, Map Reserve, Notation of Interest

Caribou Range

Tree Farm License

Trapper Boundary

Agricultural Land Reserve

Riparian Zone

Water Course

Water Course Crossing

NOTES:

- The Proposed project is partially within the Agricultural Land Reserve (ALR).

- Project to be flagged at time of construction.

- UTM Coordinates shown are NAD83 Zone 10 N.

- The proposed project is within the South OGC Zone

- Distances shown are in meters and decimals thereof.

MIDWEST SURVEYS

LAND SURVEYING LTD.

11003 Alaska Road

Fort St. John, BC

V1J 6P3

Tel: 250-785-3902

IB-0015-12

EPASS # 10040564

BCGS: 93P.052 | Data sets sourced on this map are defined in the CGP Data Matrix

REVISION

DESCRIPTION

1

Updated Title Block, November 27, 2012

SCALE 1:10,000

0

100

200

300

400

500

METERS

ACCESS SEGMENTS				
Segment No.	Begin		End	
	Northing	Easting	Northing	Easting
1	6157670	587713	6157489	587431
2	6157348	587326	6157119	587272
3	6157253	587238	6157348	587314
4	6157574	587186	6156801	586874
5	6157157	587160	6156804	586875
6	6156796	586868	6156361	586517
7	6156352	586512	6155824	586215
8	6152724	586576	6152224	586978

Water Course Crossings		
Crossing No.	Northing	Easting
1	6157201	587207
2	6157148	587296
3	6152277	586784
4	6157254	587382
5	6156717	586913

Caribou Range: Quintette Herd

Coal: None

Community Forest: None

Guide / Outfitter: 701245

Mineral Reserve: 328778

Range Tenure: None

Trapper: 722T004

Tree Farm License: TFL48

Ungulate Winter Ranges: None

Wildlife Habitat Area: None

Wildlife Tree Retention Area: No

Wood Lot: None

TABLE OF AREAS REQUIRED (CROWN LANDS)					
Proposed Feature:	New Cut	Existing Clearing	Total	Northing	Easting
Borehole Pad #2	0.000 ha	0.010 ha	0.010 ha	6157173	587184
Borehole Pad #3	0.000 ha	0.010 ha	0.010 ha	6156800	586870
Borehole Pad #4	0.010 ha	0.000 ha	0.010 ha	6156352	586520
1.5 Access	0.141 ha	0.008 ha	0.149 ha		
5.0 Access	0.671 ha	0.583 ha	1.254 ha		
Total Areas	0.822 ha	0.611 ha	1.433 ha		
Investigative Area Total Area = 11.78 ha.					
20.0m Access Buffer Total Area = 10.48 ha.					

TABLE OF AREAS REQUIRED (PRIVATE LANDS)						
PID	Proposed Feature:	New Cut	Existing Clearing	Total	Northing	Easting
017-001-463	Borehole Pad #1	0.000 ha	0.010 ha	0.010 ha	6157346	587324
	1.5 Access	0.009 ha	0.009 ha	0.018 ha		
	5.0 Access	0.000 ha	0.356 ha	0.356 ha		
	SubTotal Area	0.009 ha	0.375 ha	0.384 ha		
004-683-323	5.0 Access	0.068 ha	0.081 ha	0.149 ha		
	Total Area	0.077 ha	0.456 ha	0.533 ha		
Investigative Area Total Area = 3.08 ha.						
20.0m Access Buffer Total Area = 3.77 ha.						

Coastal GasLink Pipeline Project

COASTAL GASLINK PIPELINE LTD.

SKETCH PLAN

GEOTECHNICAL INVESTIGATION PROGRAM

SUKUNKA RIVER

WITHIN

Units 10, 20, 60, 69 & 70

Block A, Group 93-P-12 And

Units 11, 41 & 51, Block B, Group 93-P-12

PEACE RIVER DISTRICT

PAGE 1 of 2

Route Reference: CGP\_Route\_RevB

November 27, 2012

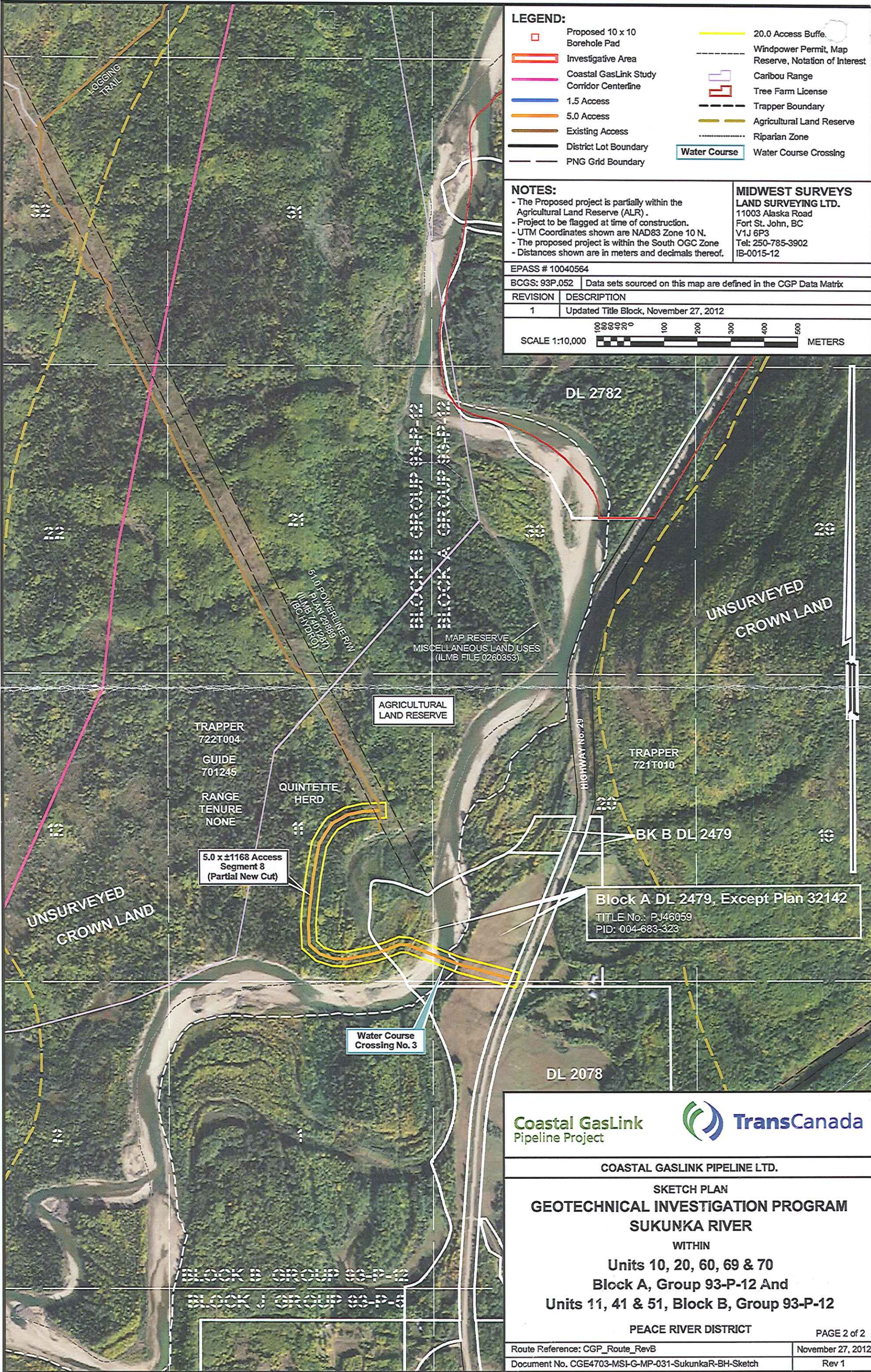
Document No. CGE4703-MSI-G-MP-031-SukunkaR-BH-Sketch

Rev 1

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9637422





Coastal GasLink

Pipeline Project

COASTAL GASLINK PIPELINE LTD.

SKETCH PLAN

GEOTECHNICAL INVESTIGATION PROGRAM

SUKUNKA RIVER

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Units 10, 20, 60, 69 & 70

Block A, Group 93-P-12 And

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PEACE RIVER DISTRICT

PAGE 2 of 2

Route Reference: CGP\_Route\_RevB

November 27, 2012

Document No. CGE4703-MSI-G-MP-031-SukunkaR-BH-Sketch

Rev 1