



## LOWER CHURCHILL PROJECT



### DC 1051 - FIELD INVESTIGATION AND CONSTRUCTION INFRASTRUCTURE HVdc TRANSMISSION LINE GULL ISLAND TO SOLDIERS POND

#### VOLUME 2 - CORRIDOR AND TEST LOCATION MAPS

JUNE, 2009



DC1051 – Field Investigation and Construction Infrastructure  
HVdc Transmission Line – Gull Island to Soldiers Pond  
Lower Churchill Project  
Volume 2 – Corridor and Test Location Maps  
Project No: TF8310458 – June 2009



## FOREWARD

This report is presented in two volumes:

Volume 1 - Geotechnical Report contains the results of the geotechnical investigations carried out on the proposed transmission line corridor in the summer and fall of 2008 together with the relevant appendices incorporated after the text of the report.

Volume 2 - Corridor and Test Location Maps presents the test location map books generated containing all of the geotechnical investigation data collected. These maps illustrate the entire line corridor and identify proposed camps, marshalling yards and access routes.



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FIGURE DC 1051 - A1.1



**LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
CORRIDOR ROUTE**



-  Converter Station
-  Proposed Transmission Corridor (2 km wide)
-  Alternative Transmission Corridor Segments (2 km wide)
-  Submarine Cable Crossing Corridors (Alternatives)
-  Roads - Existing or Under Construction

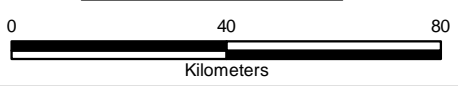
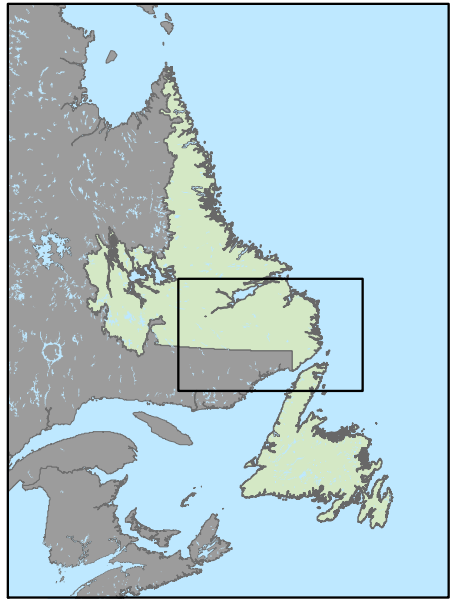


FIGURE DC 1051 - A1.2

**LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
LOT 1 INDEX MAP**



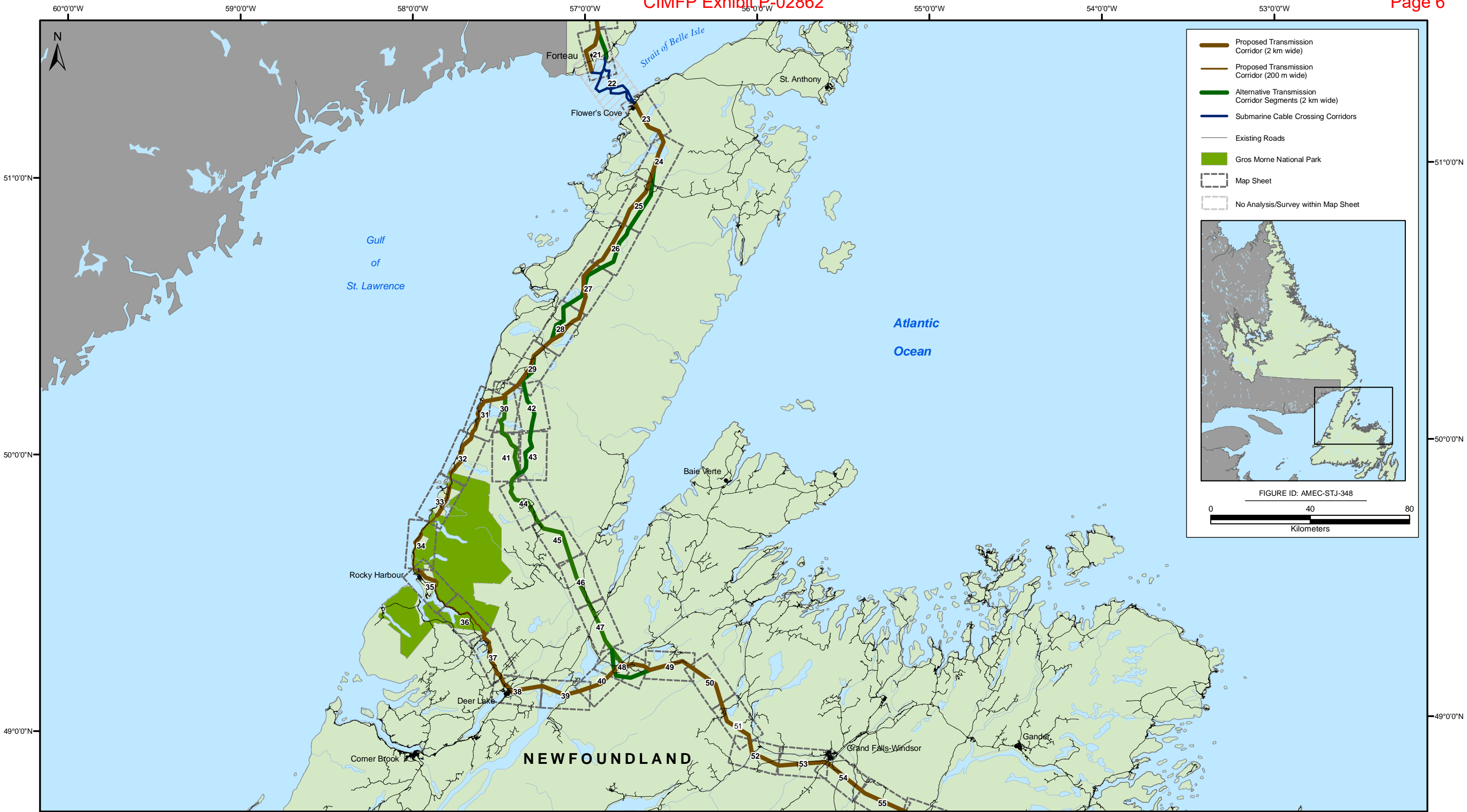


FIGURE DC 1051 - A1.3

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
LOT 2 INDEX MAP





FIGURE DC 1051 A1.4



**LOWER CHURCHILL PROJECT - DC1051 HVdc TRANSMISSION LINE  
LOT 3 INDEX MAP**

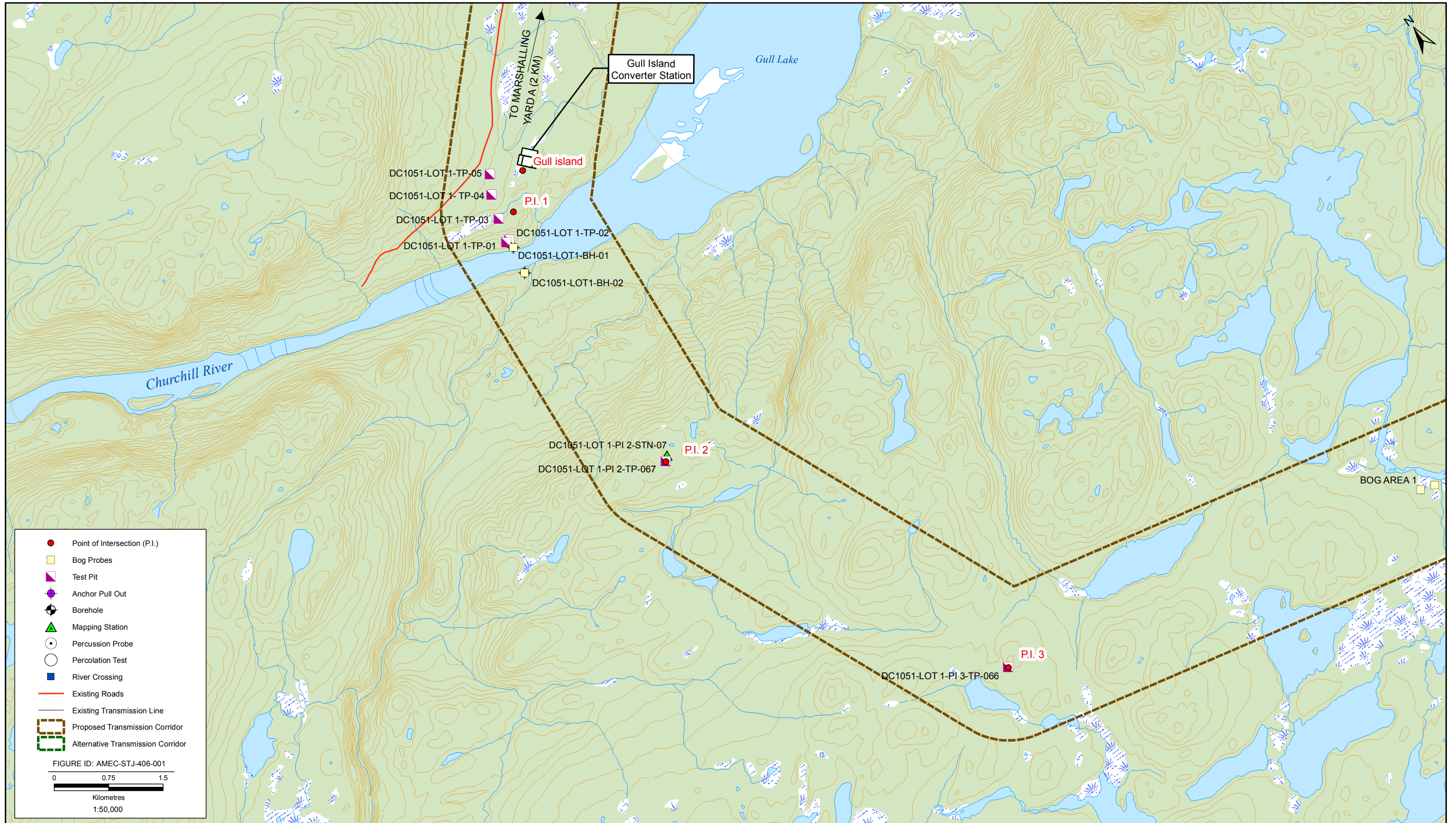


FIGURE DC 1051 - A1.5.1

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

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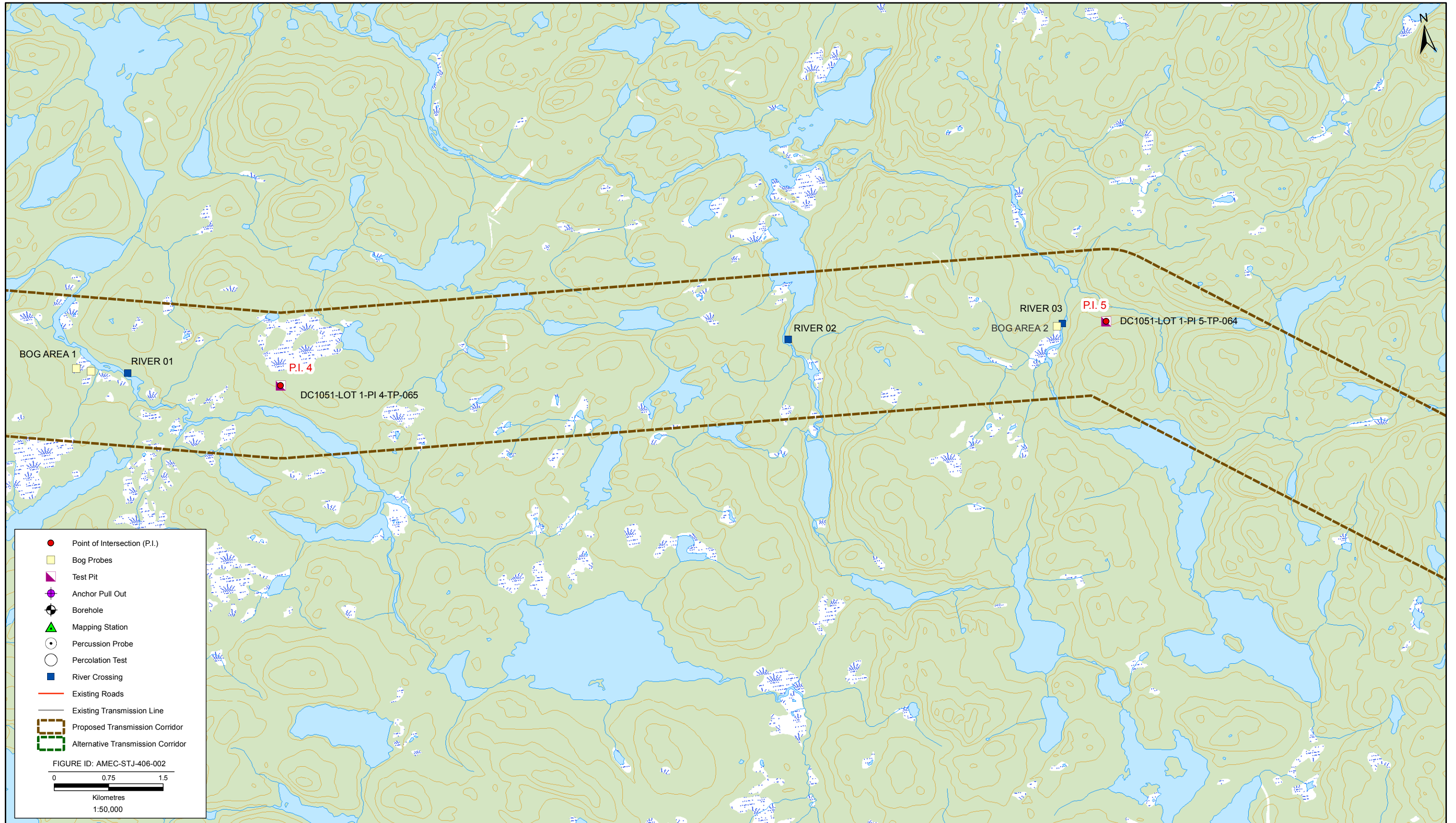


FIGURE DC 1051 - A1.5.2



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

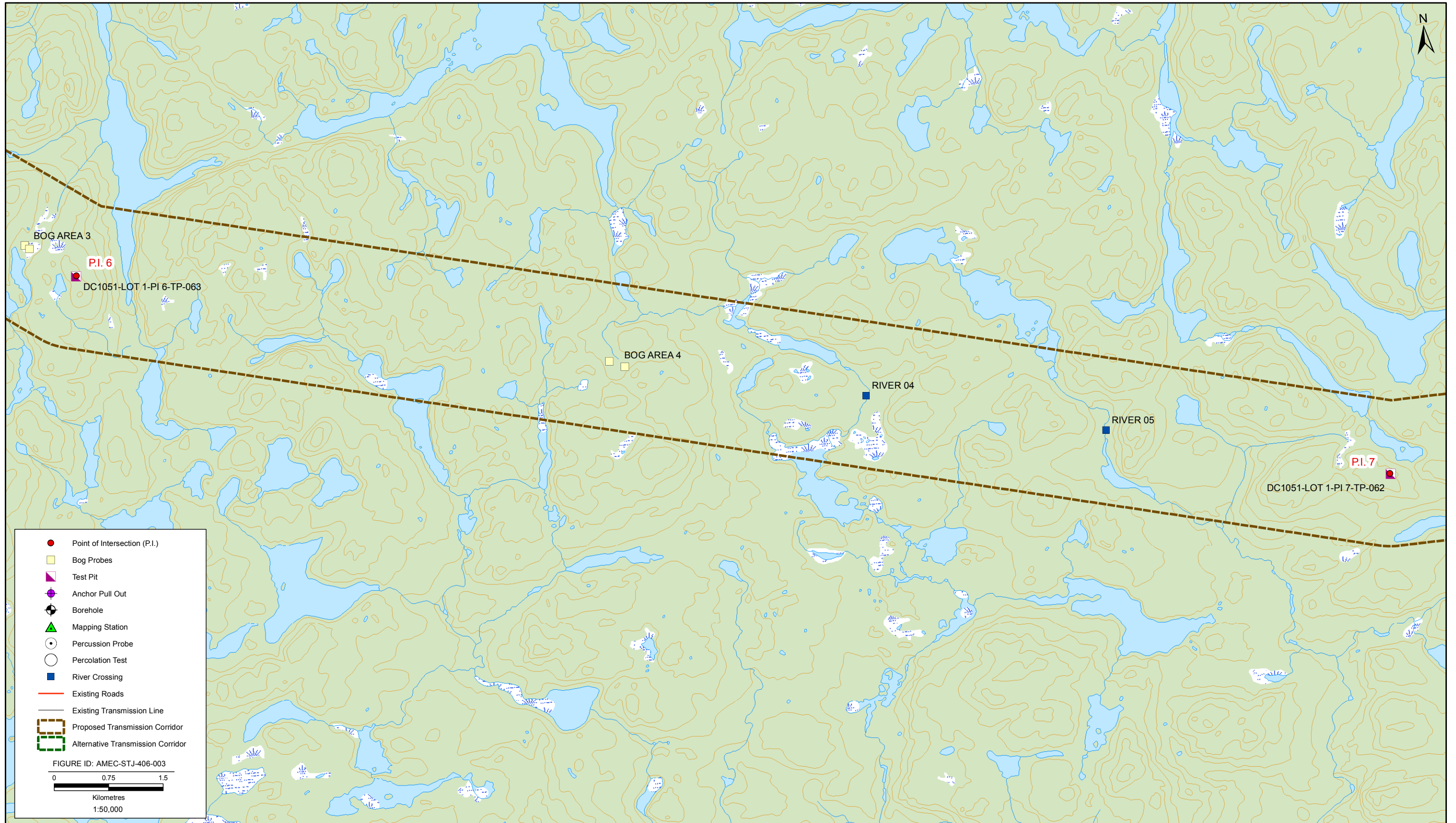


FIGURE DC 1051 - A1.5.3



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

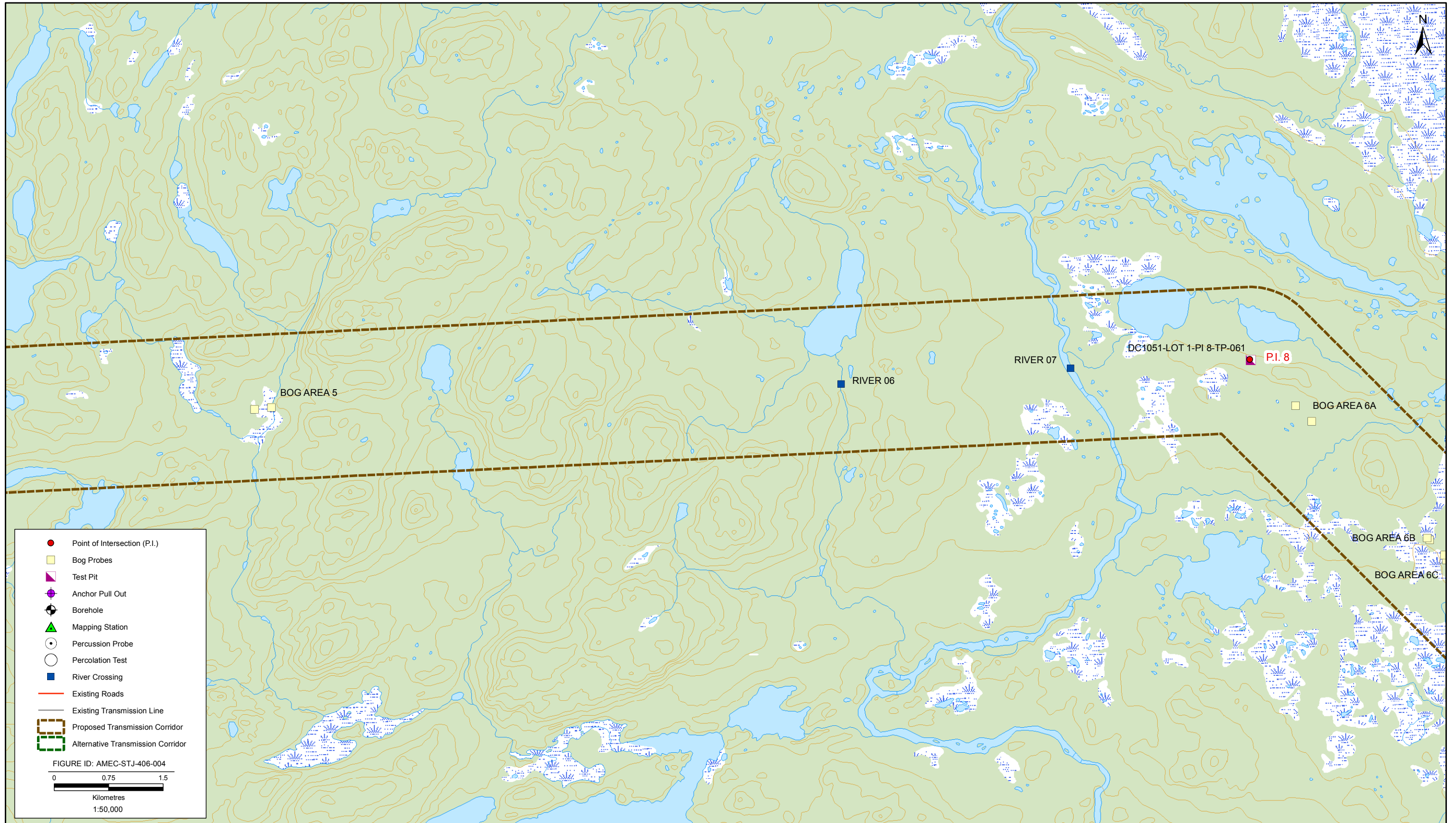


FIGURE DC 1051 - A1.5.4



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

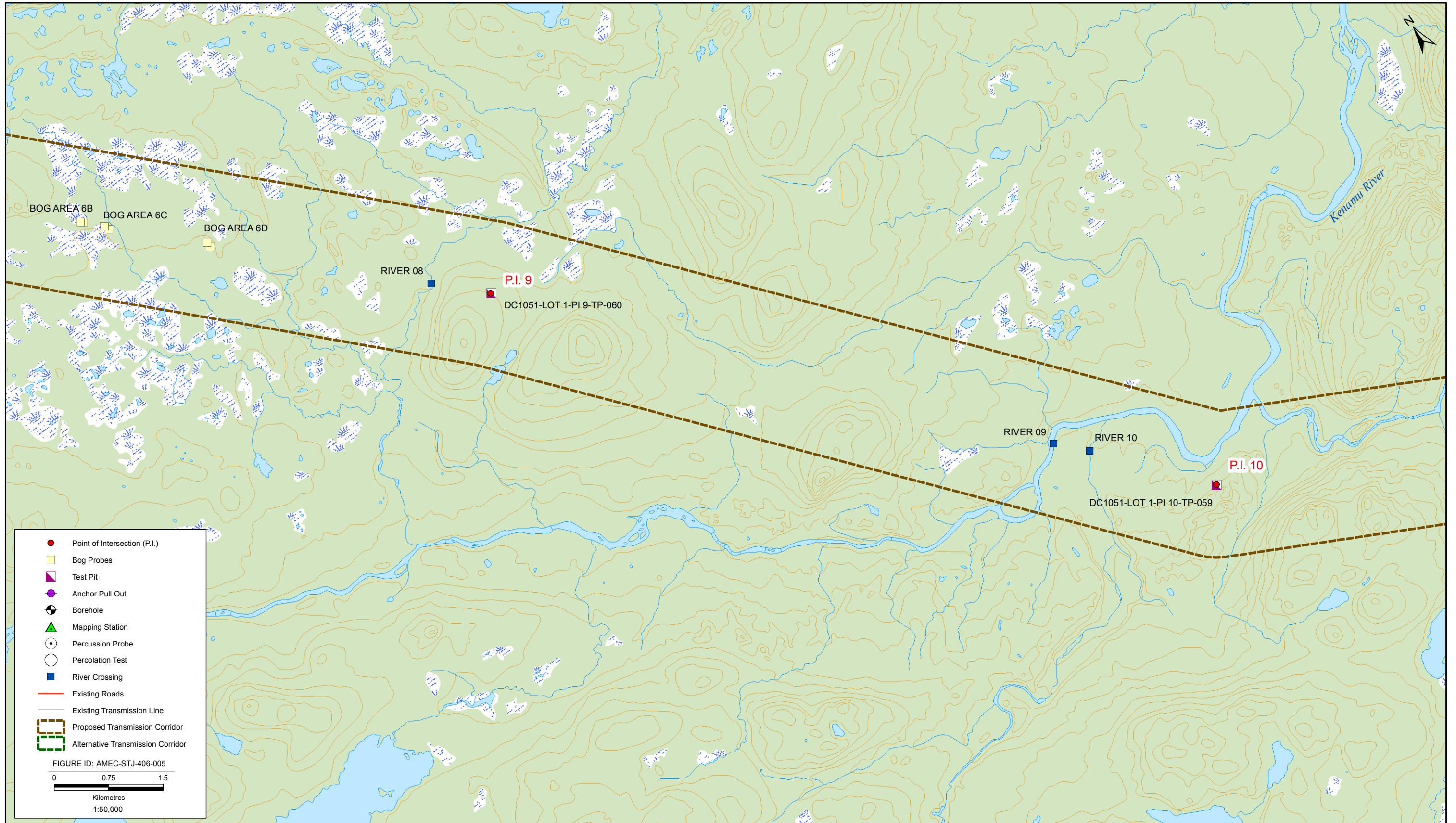


FIGURE DC 1051 - A1.5.5



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

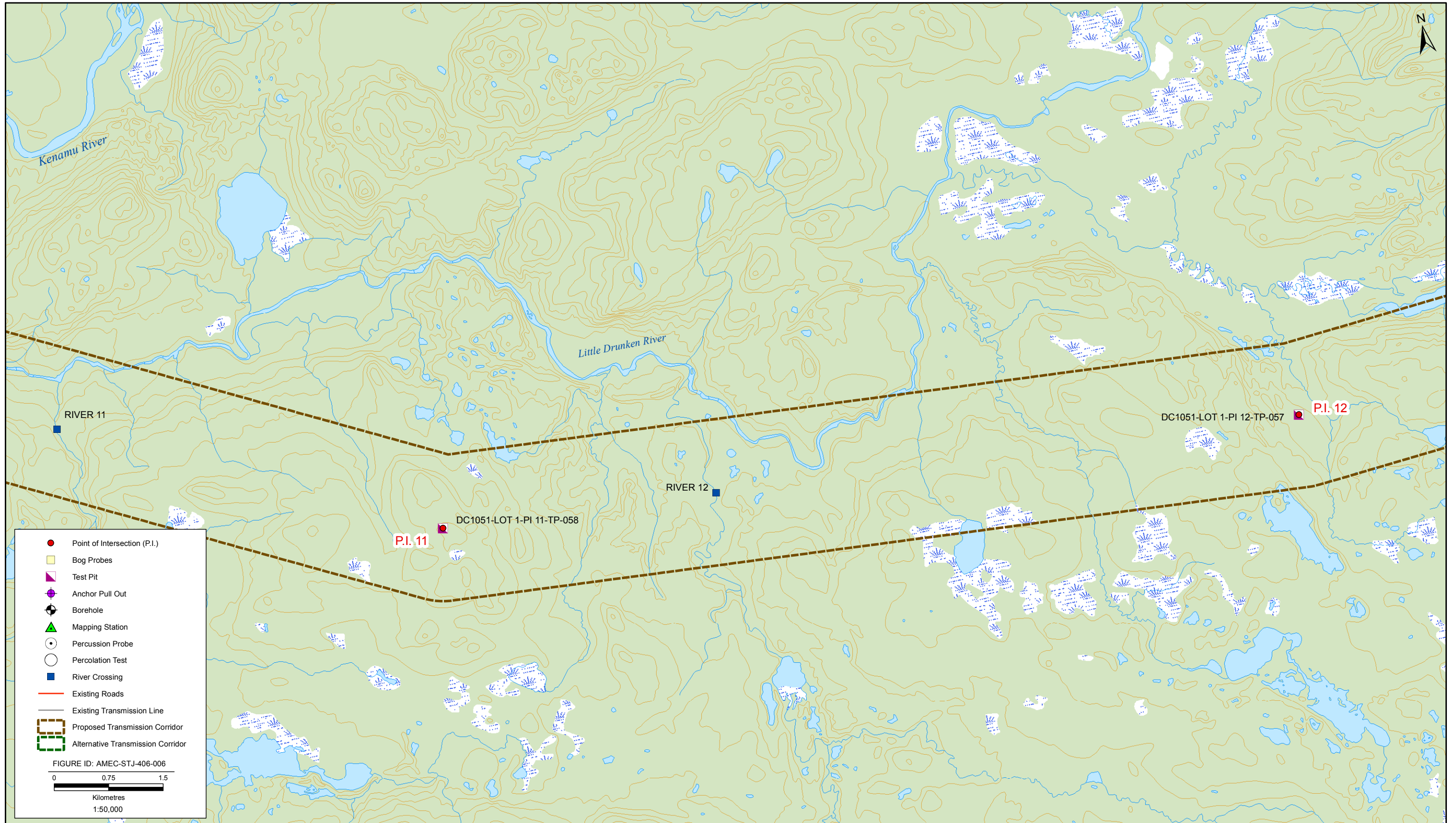


FIGURE DC 1051 - A1.5.6

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

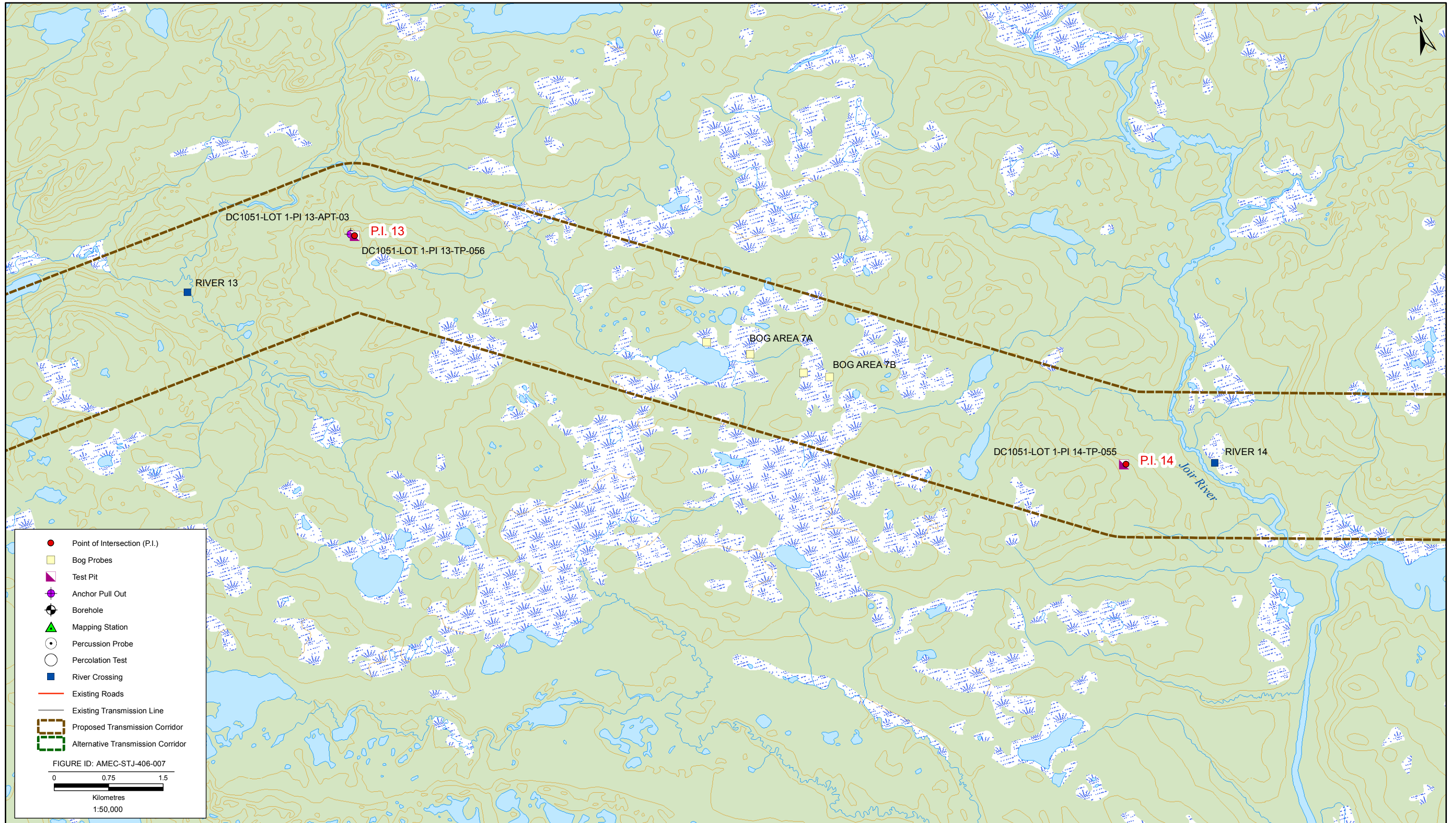


FIGURE DC 1051 - A1.5.7



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

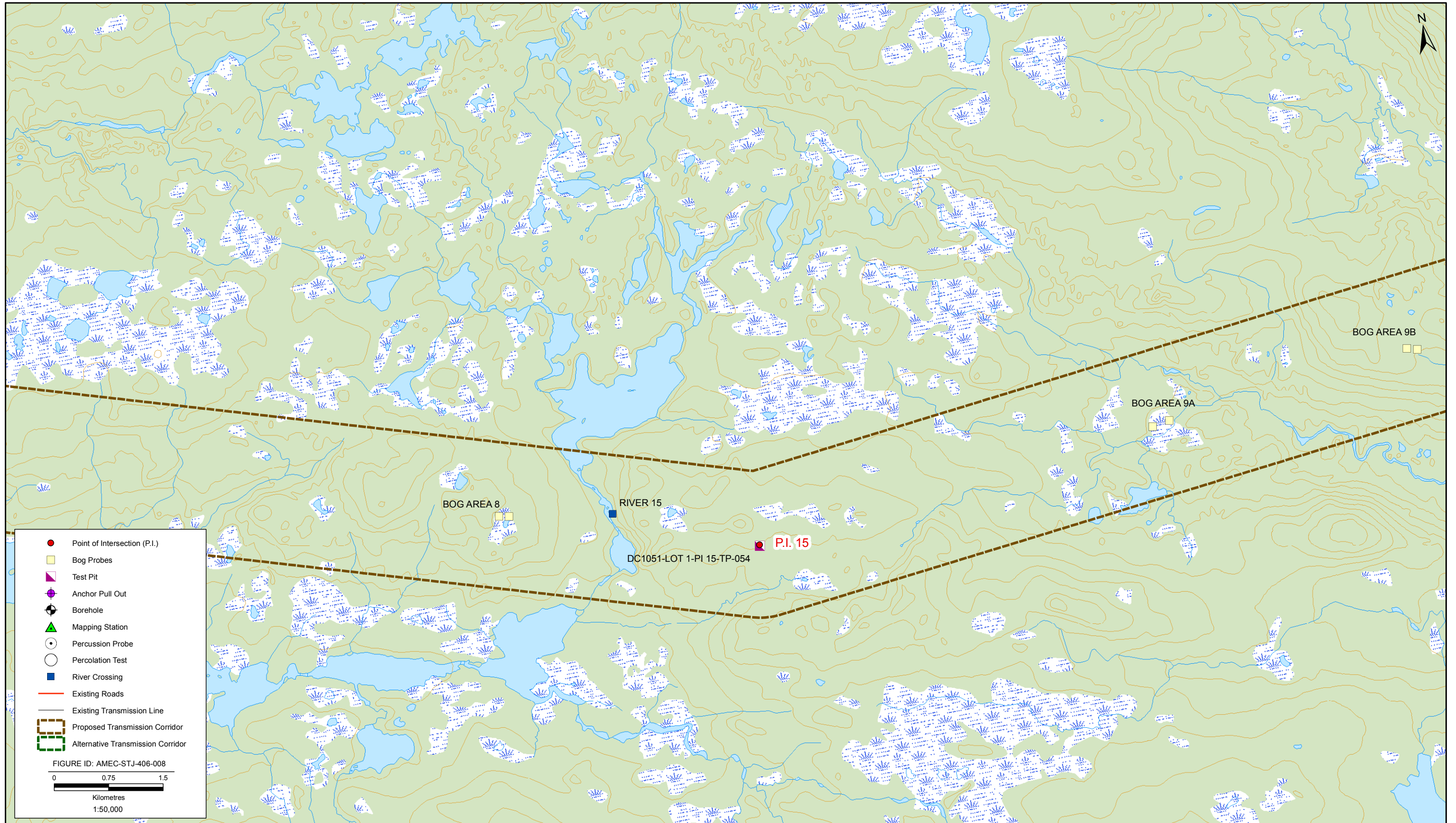


FIGURE DC 1051 - A1.5.8



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

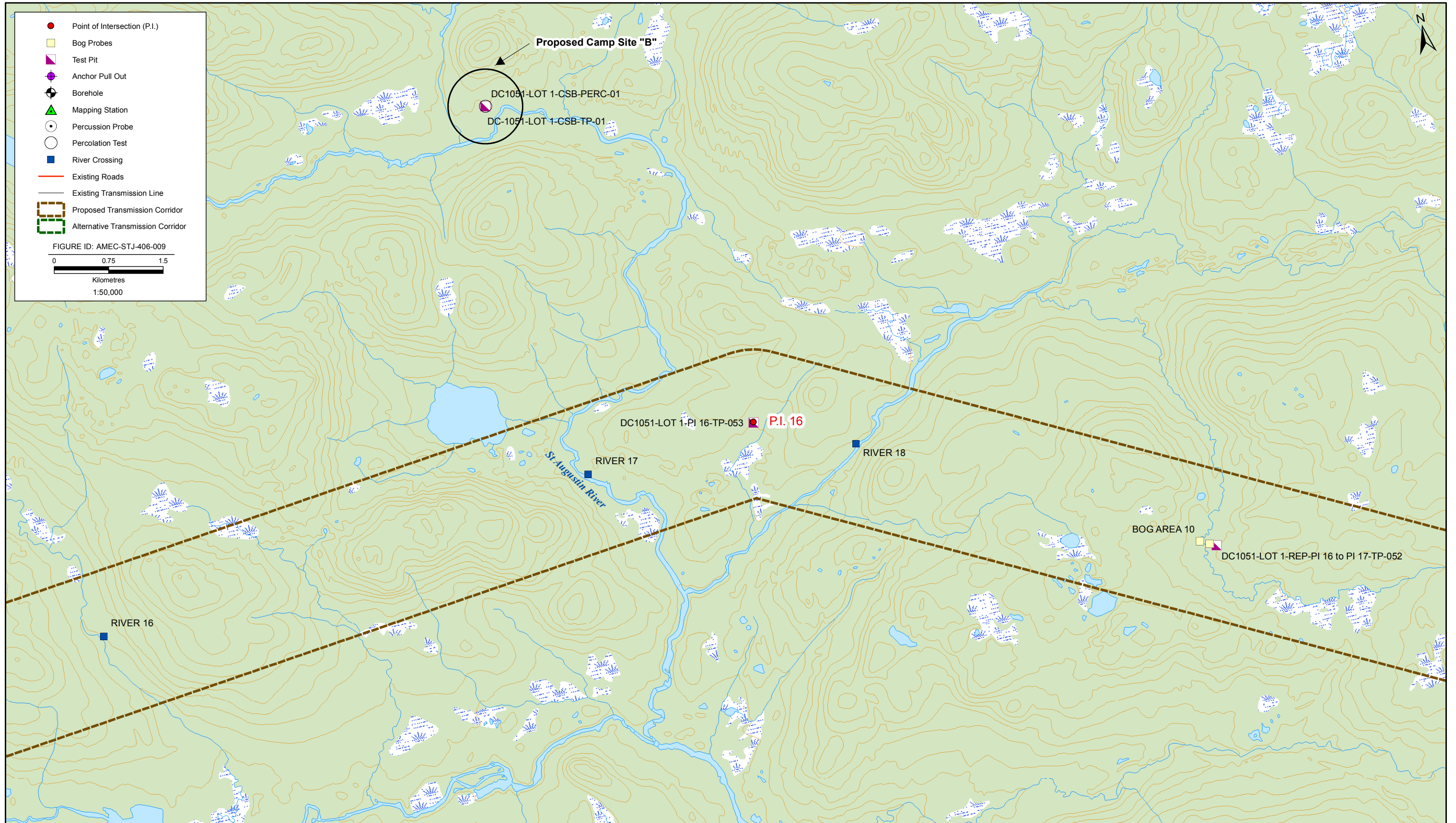


FIGURE DC 1051 - A1.5.9



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE



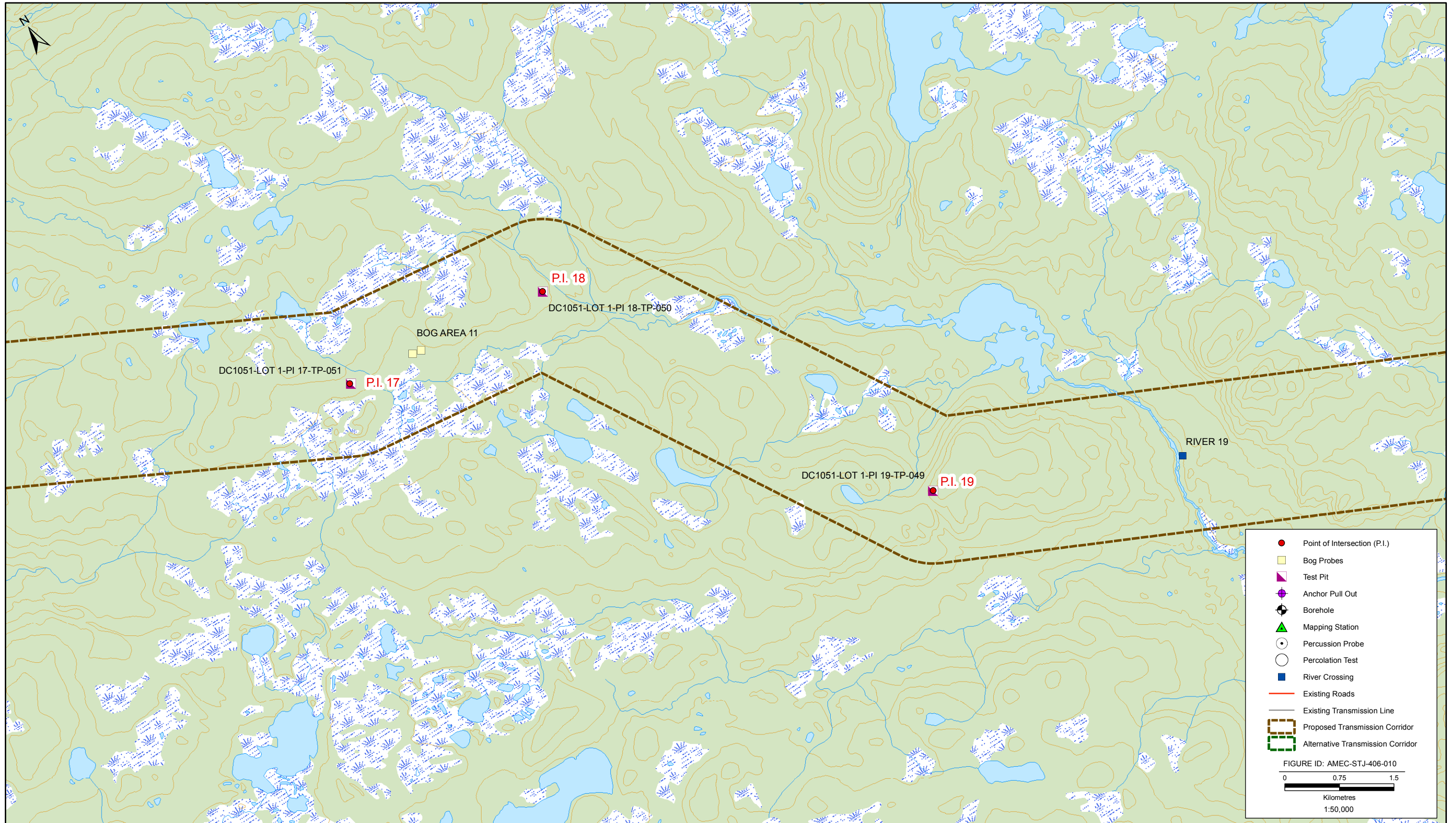


FIGURE DC 1051 - A1.5.10



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

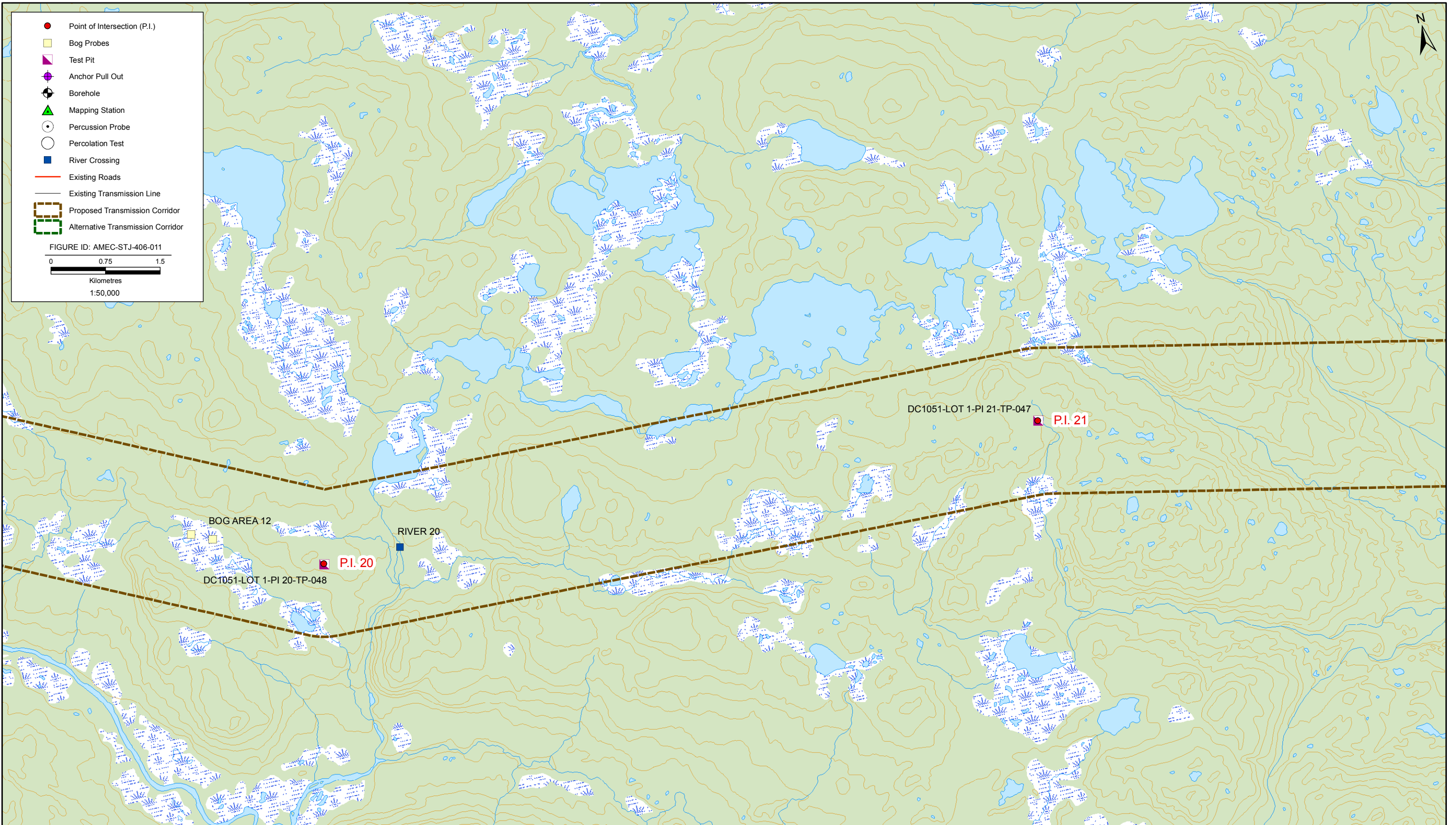


FIGURE DC 1051 - A1.5.11

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

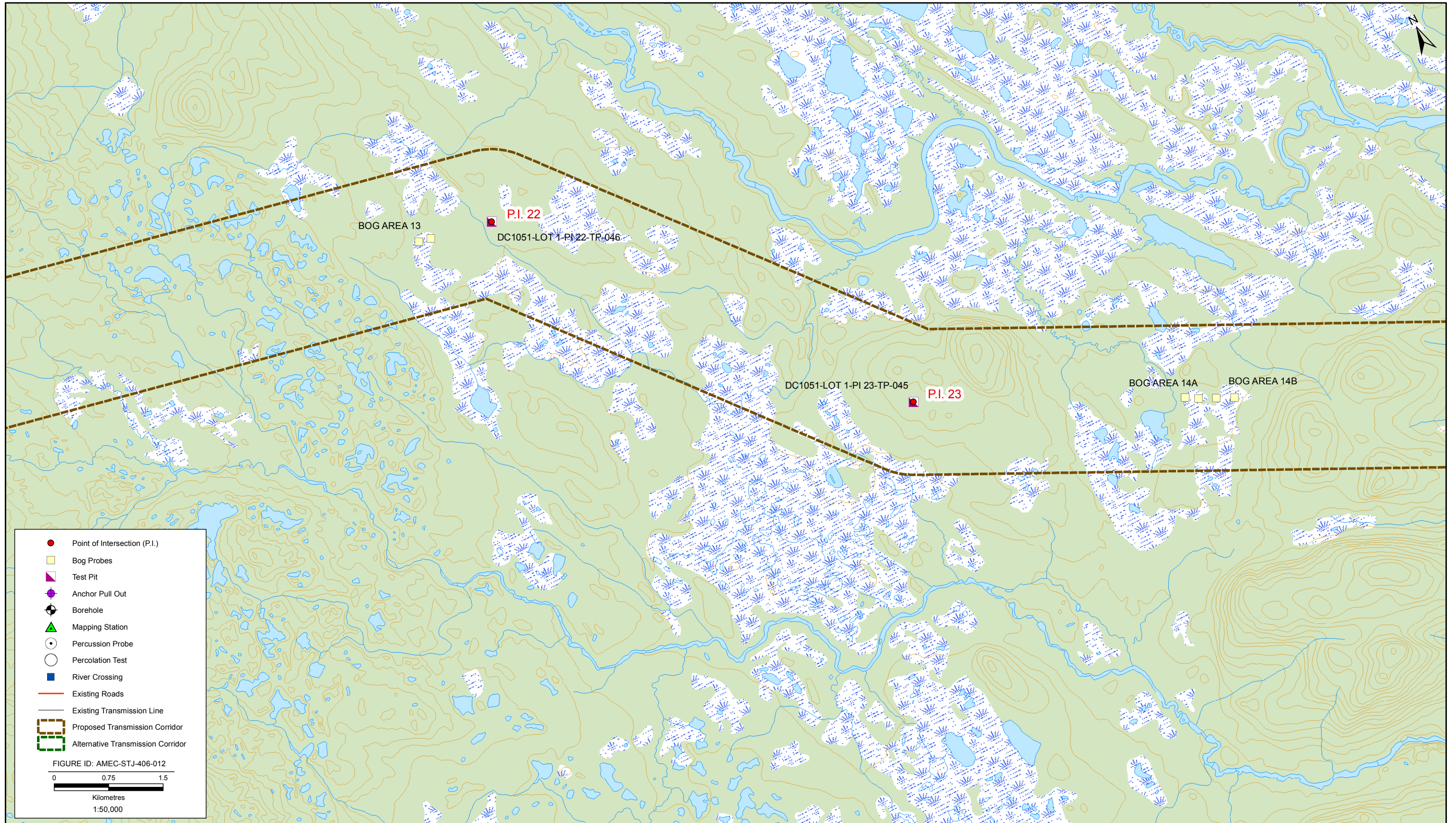


FIGURE DC 1051 - A1.5.12



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

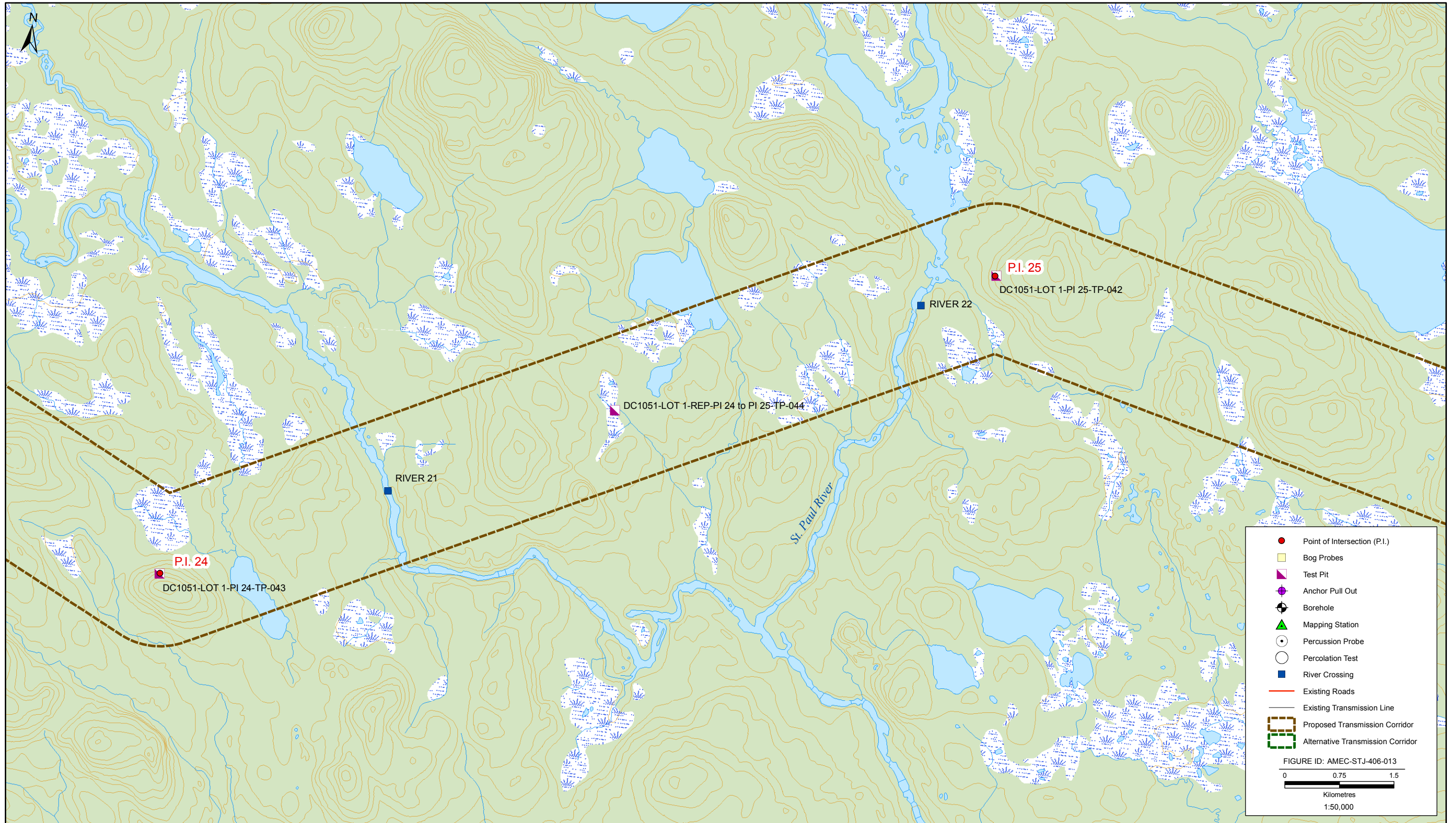


FIGURE DC 1051 - A1.5.13



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

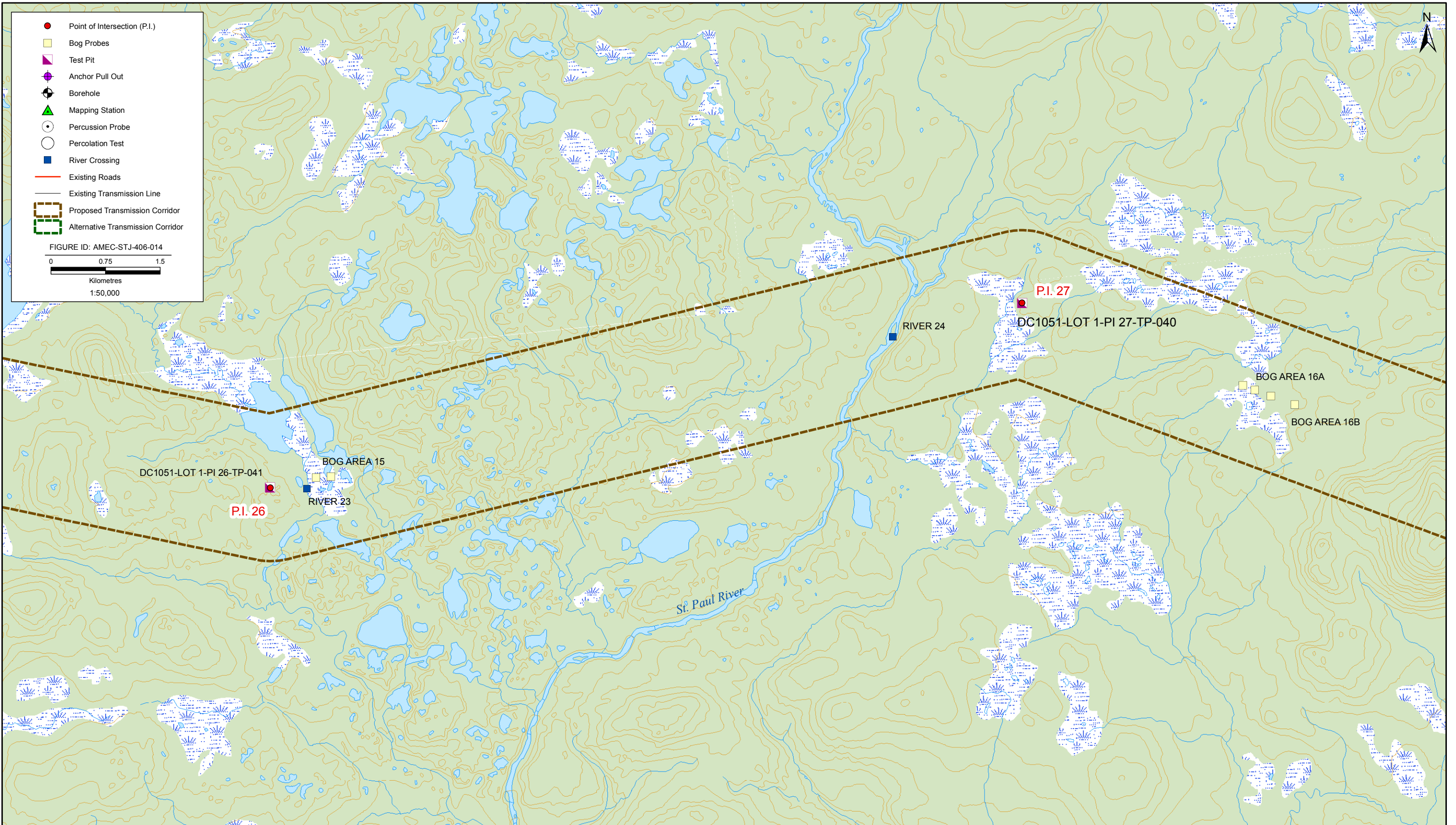


FIGURE DC 1051 - A1.5.14

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

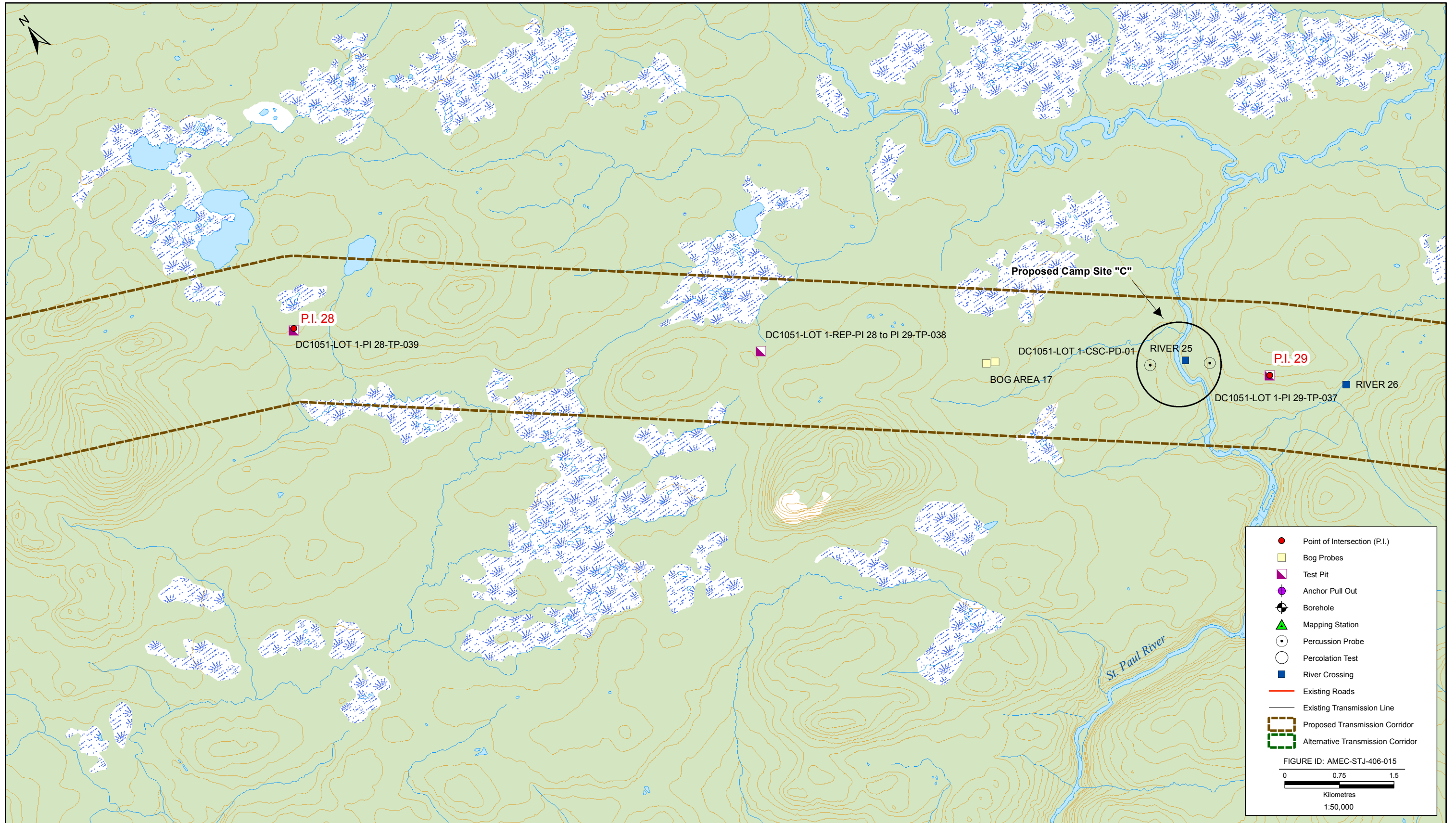


FIGURE DC 1051 - A1.5.15



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

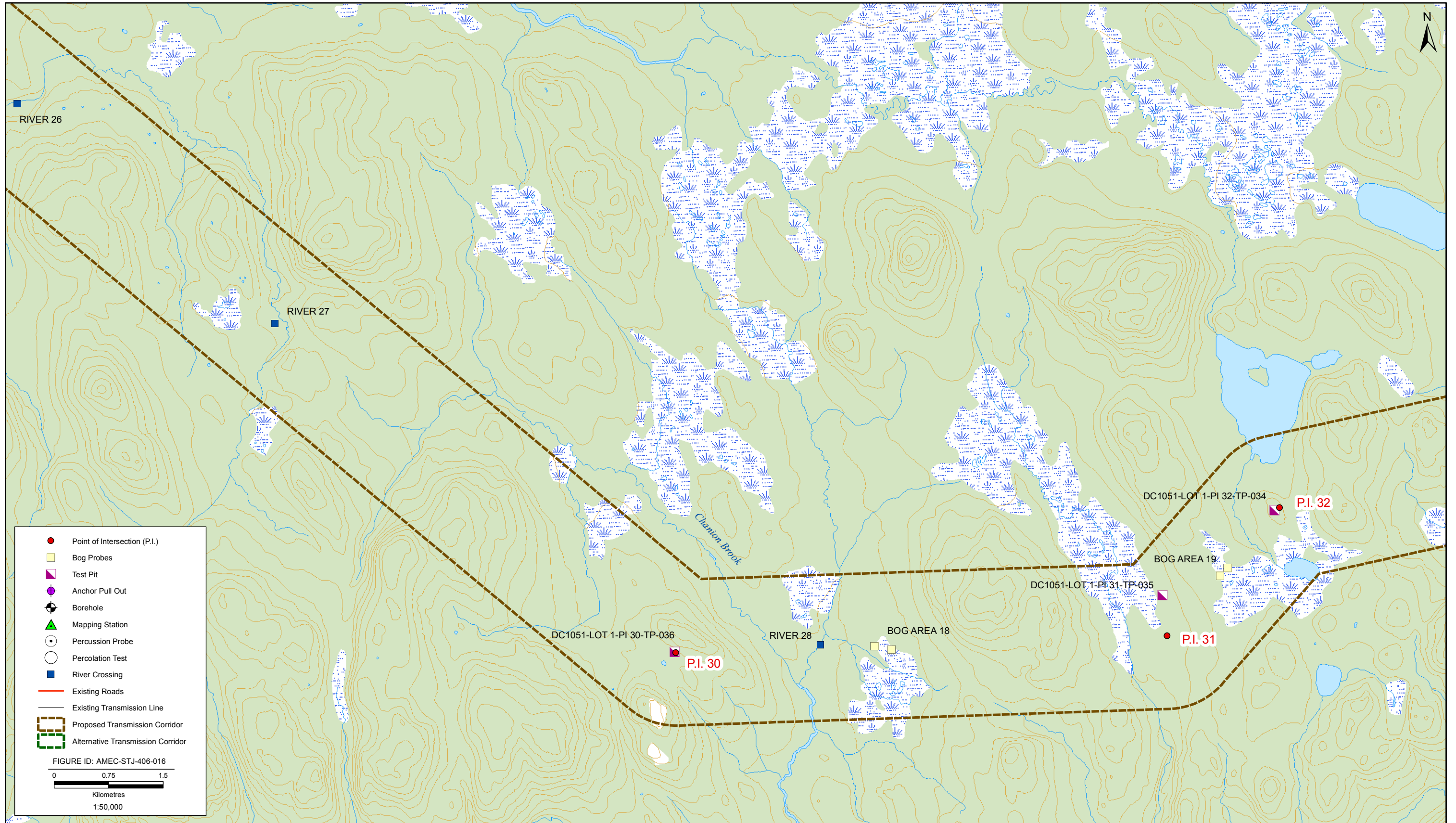


FIGURE DC 1051 - A1.5.16



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

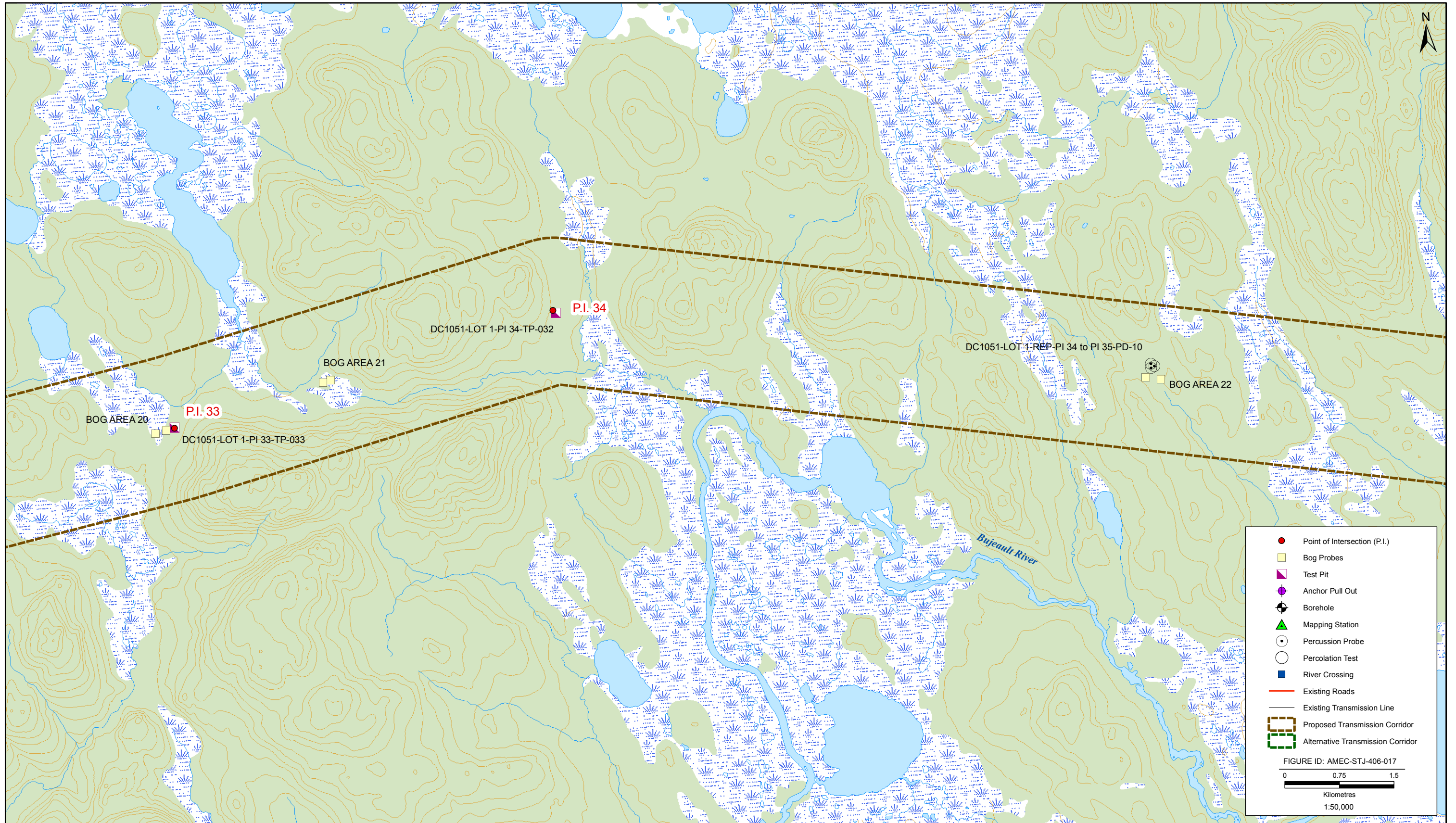


FIGURE DC 1051 - A1.5.17

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

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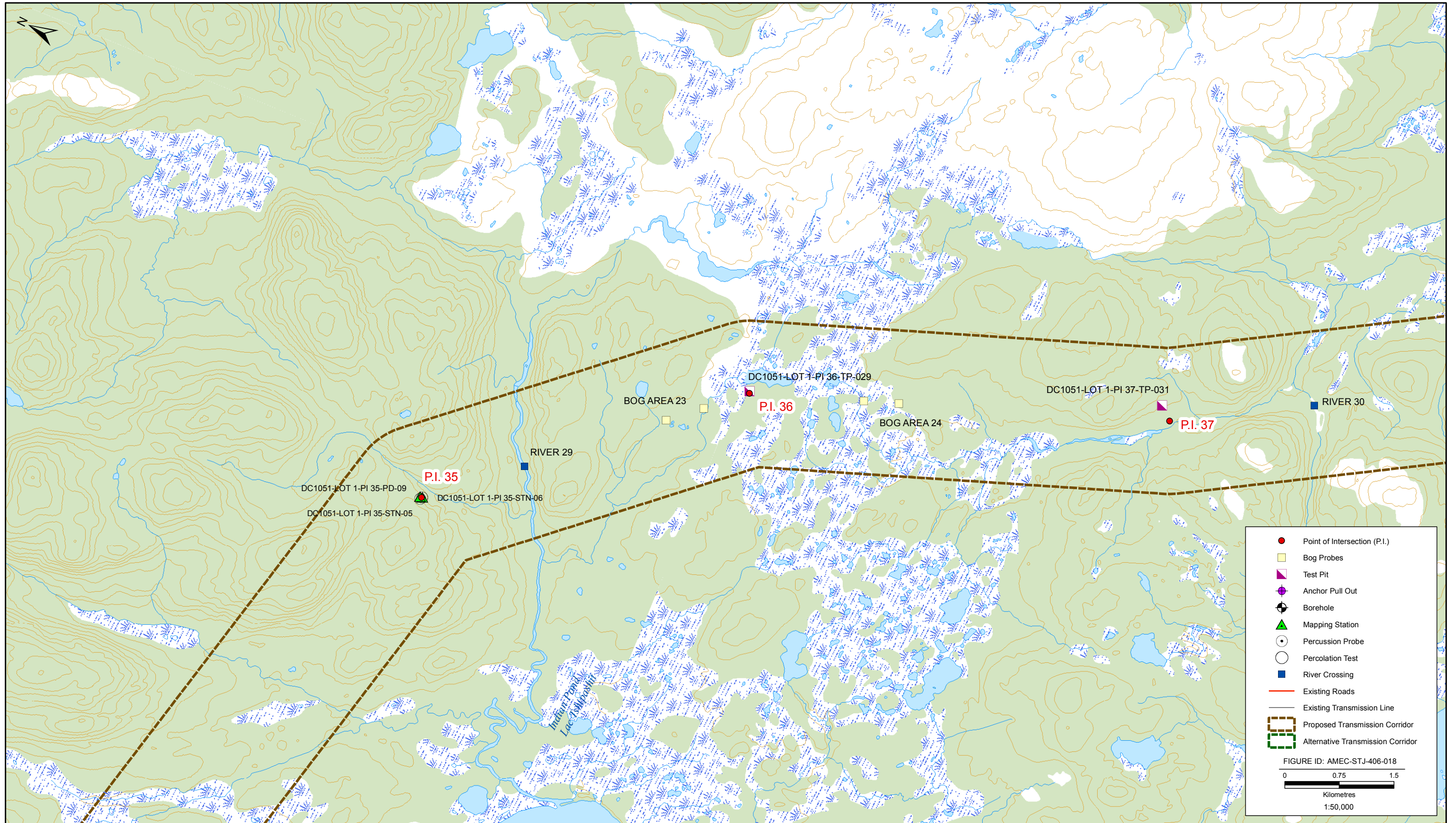


FIGURE DC 1051 - A1.5.18



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

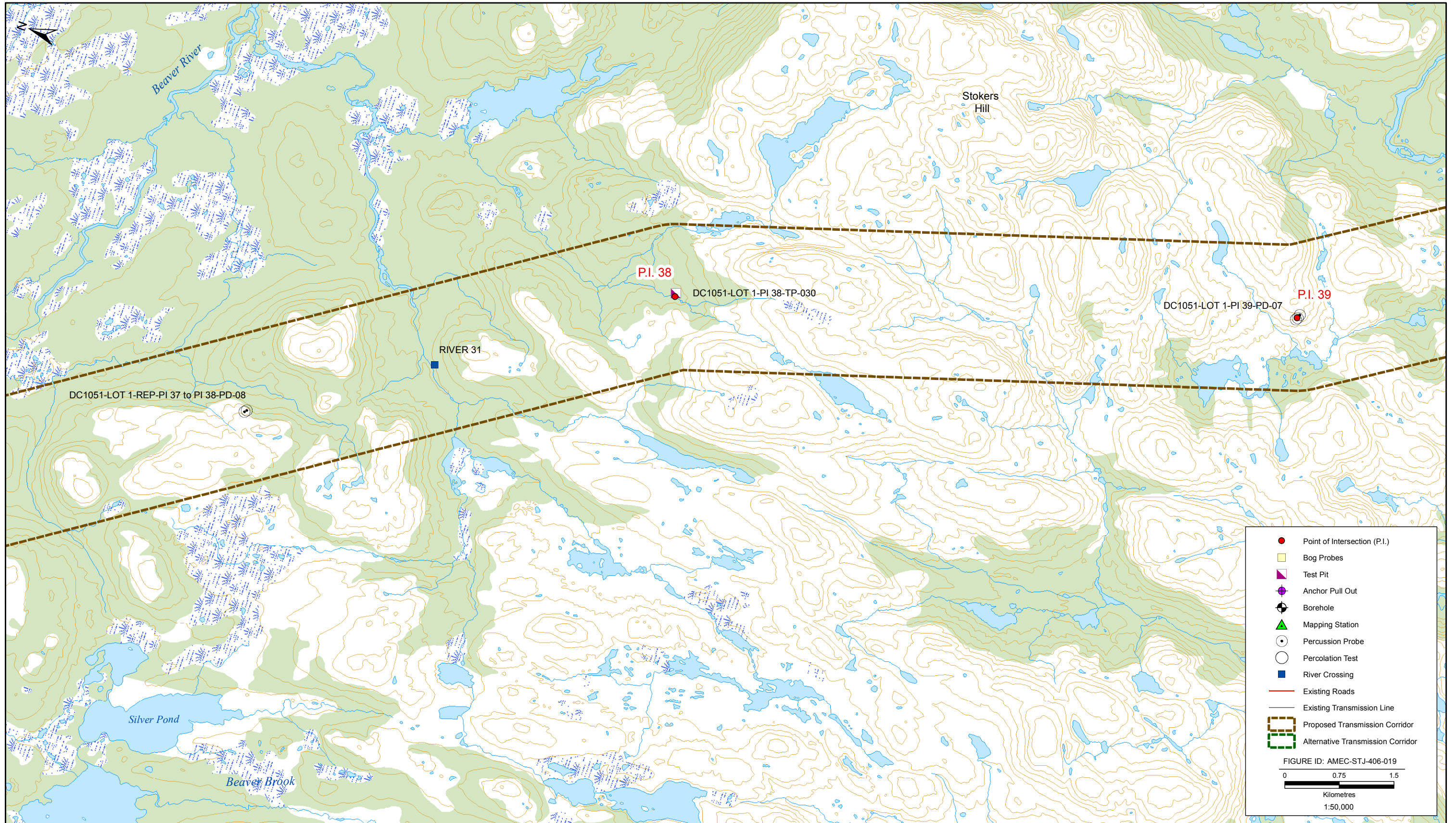


FIGURE DC 1051 - A1.5.19



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE



FIGURE DC 1051 - A1.5.20

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE

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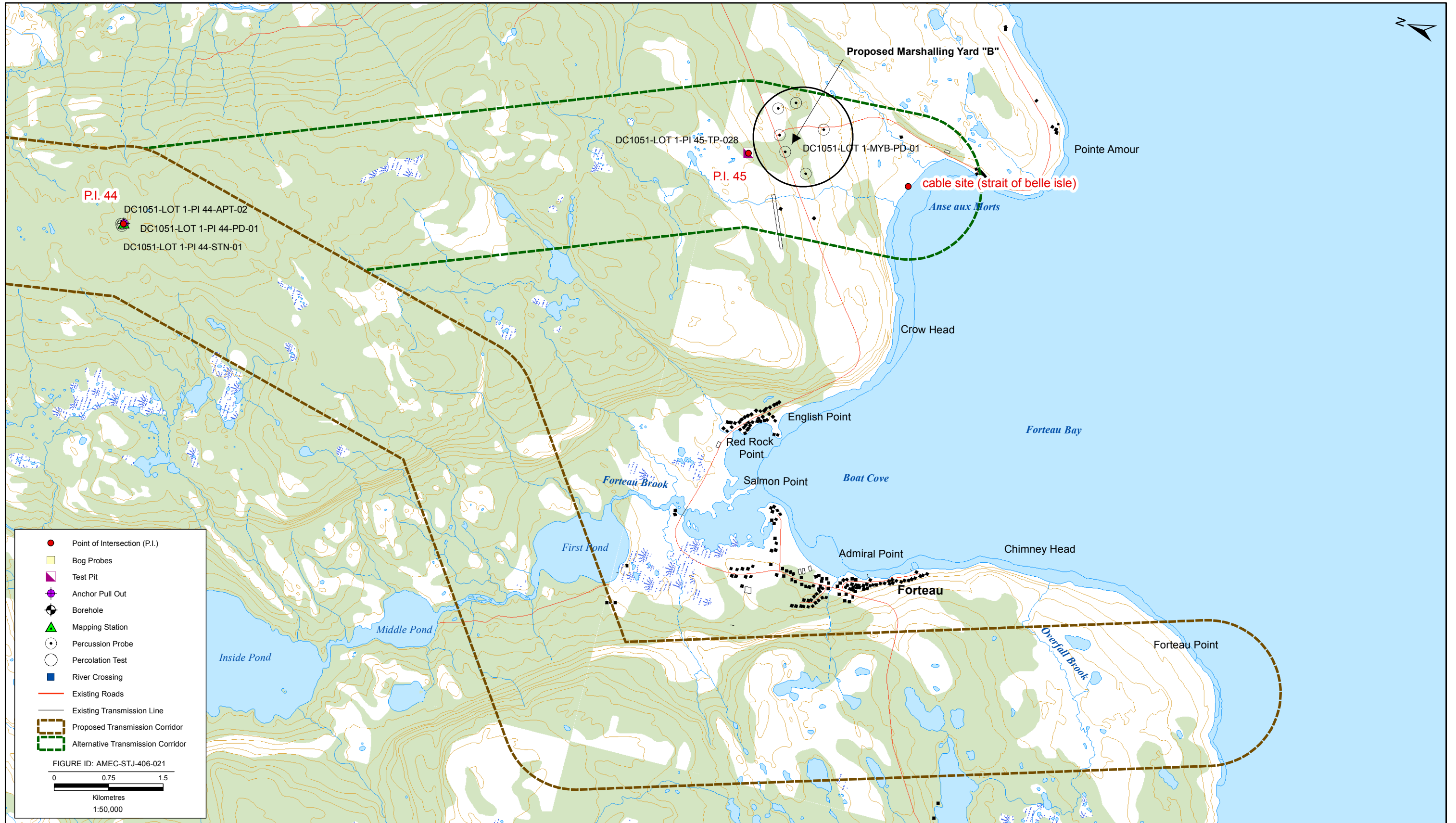


FIGURE DC 1051 - A1.5.21

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE



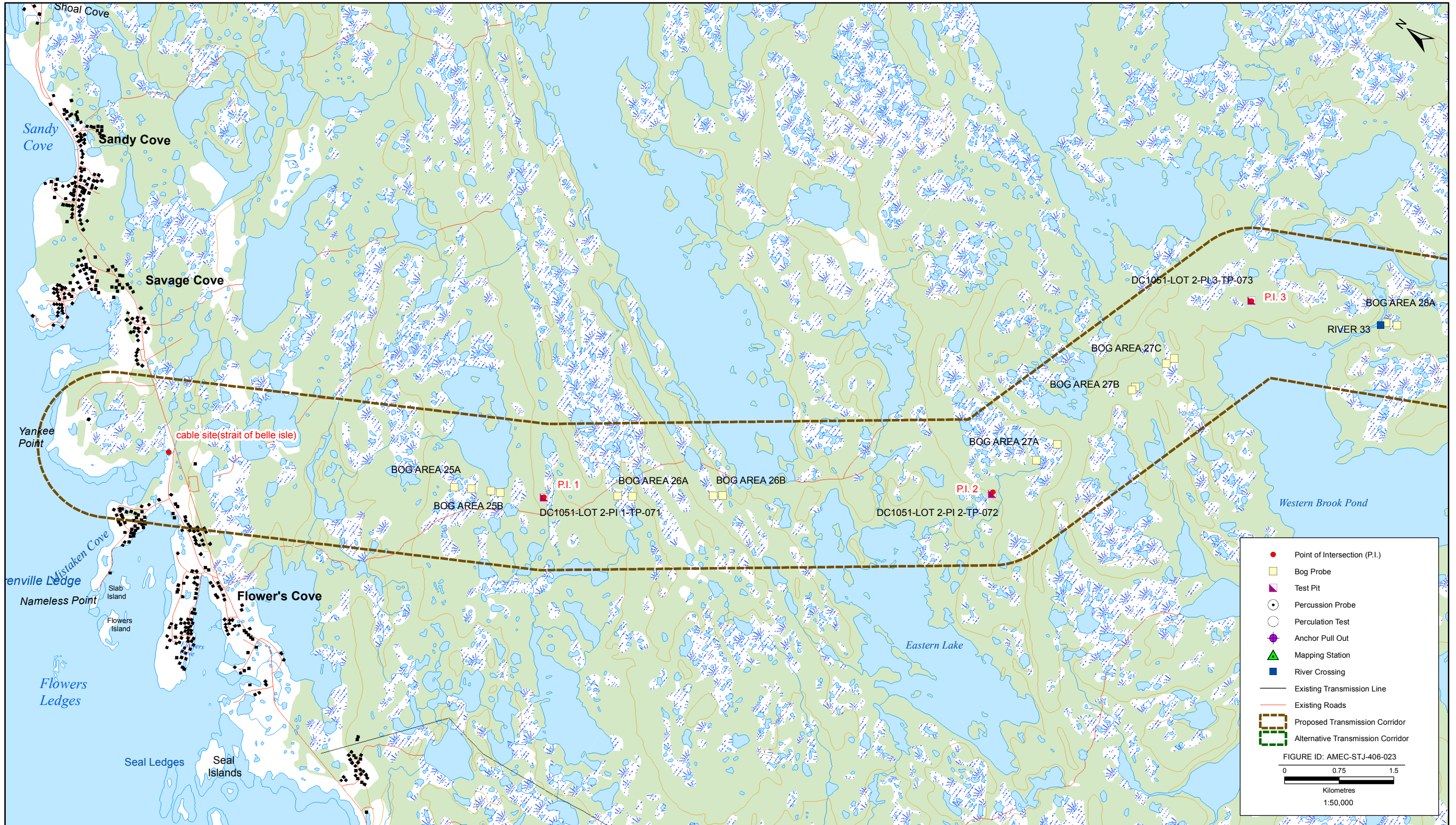


FIGURE DC 1051 - A1.5.23



**LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE**  
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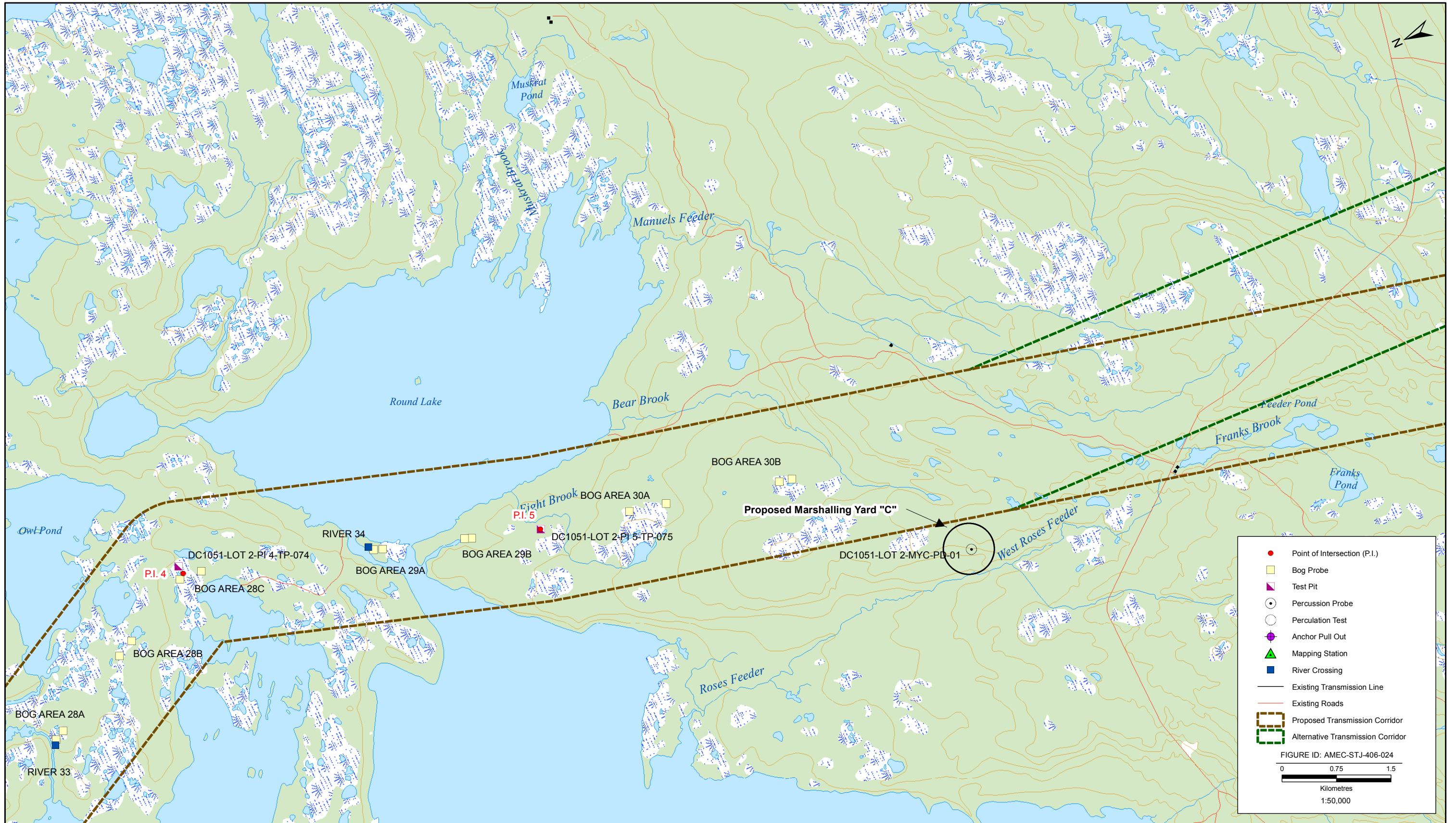


FIGURE DC 1051 - A1.5.24



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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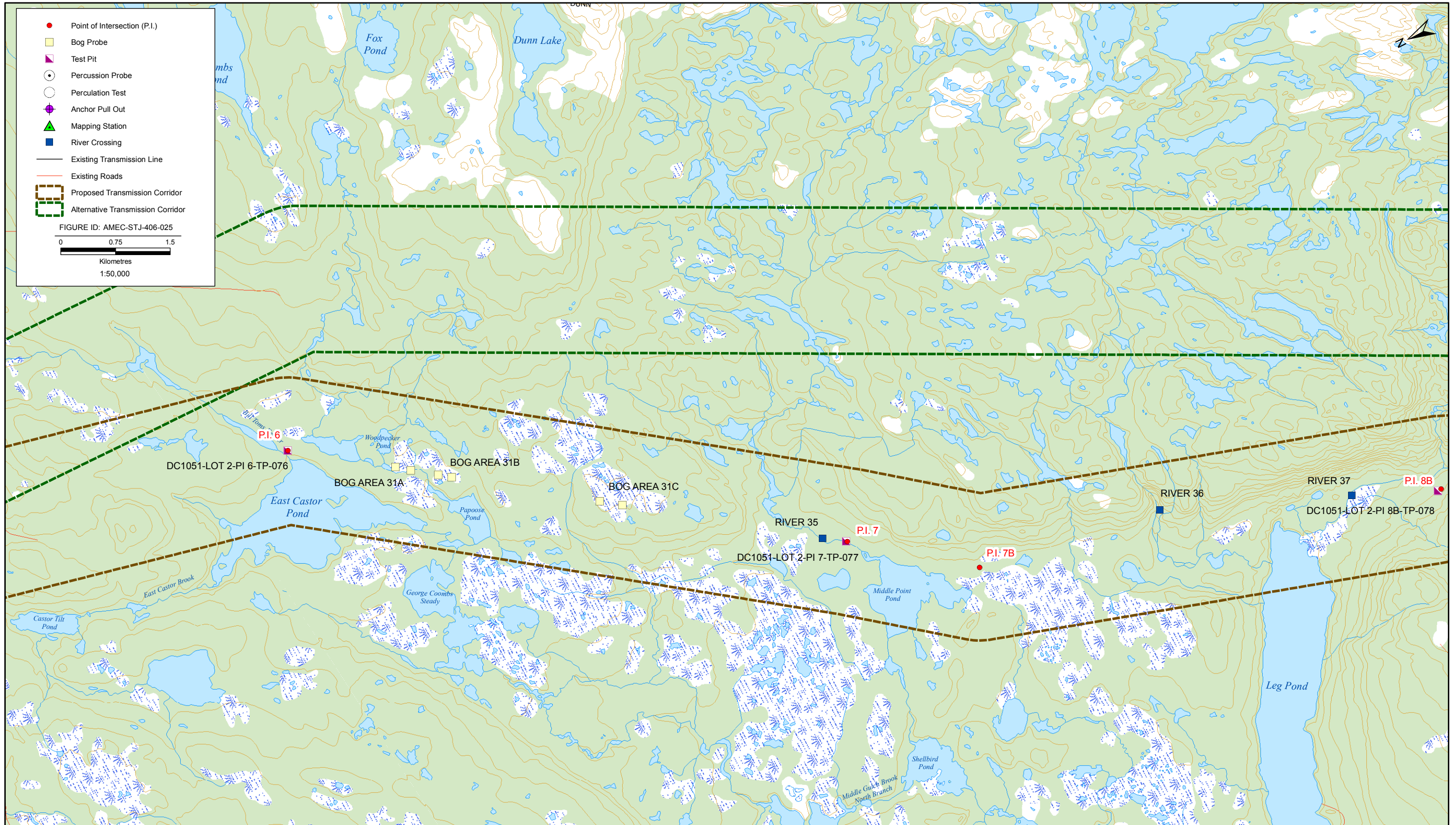


FIGURE DC 1051 - A1.5.25



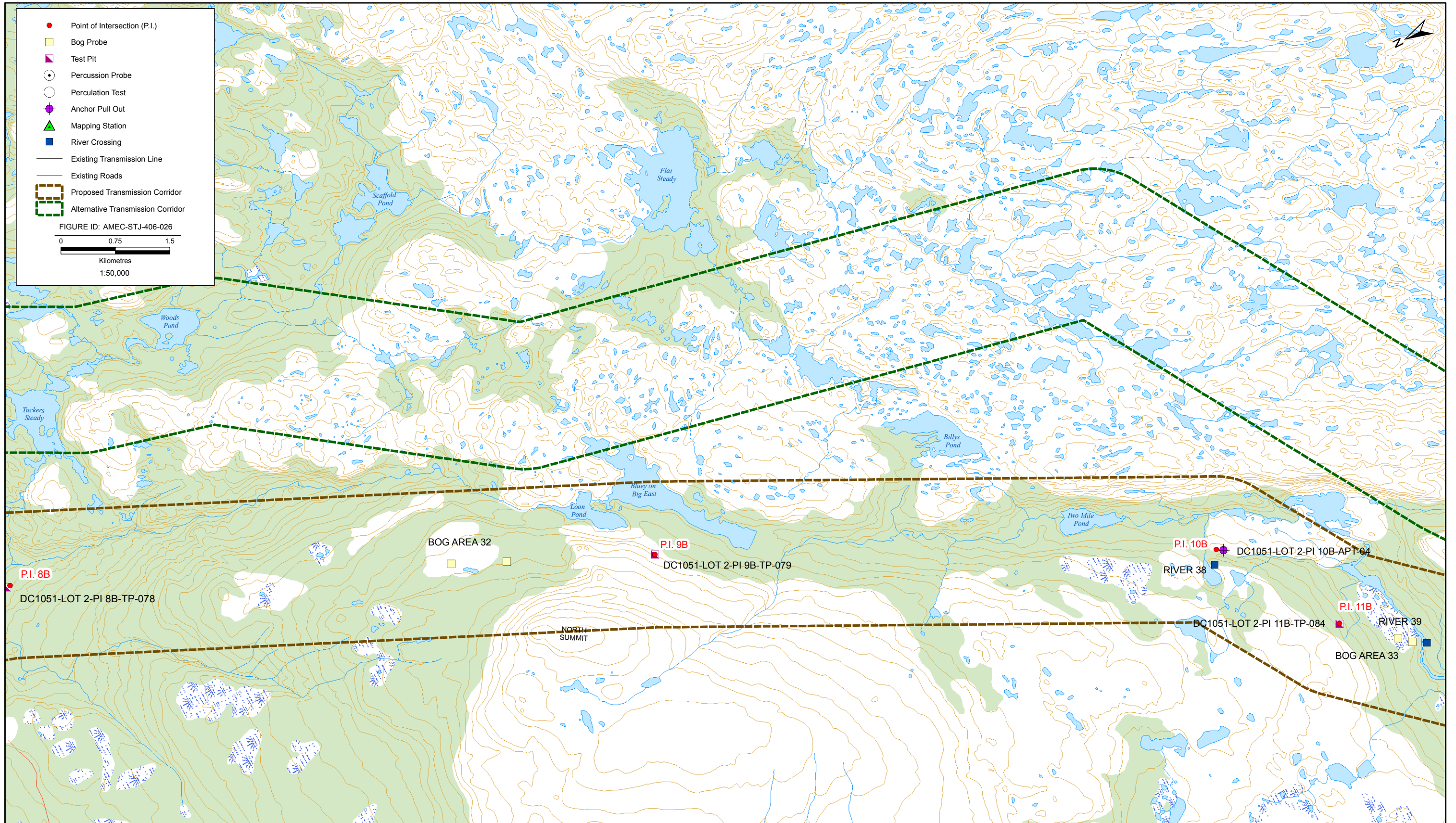


FIGURE DC 1051 - A1.5.26





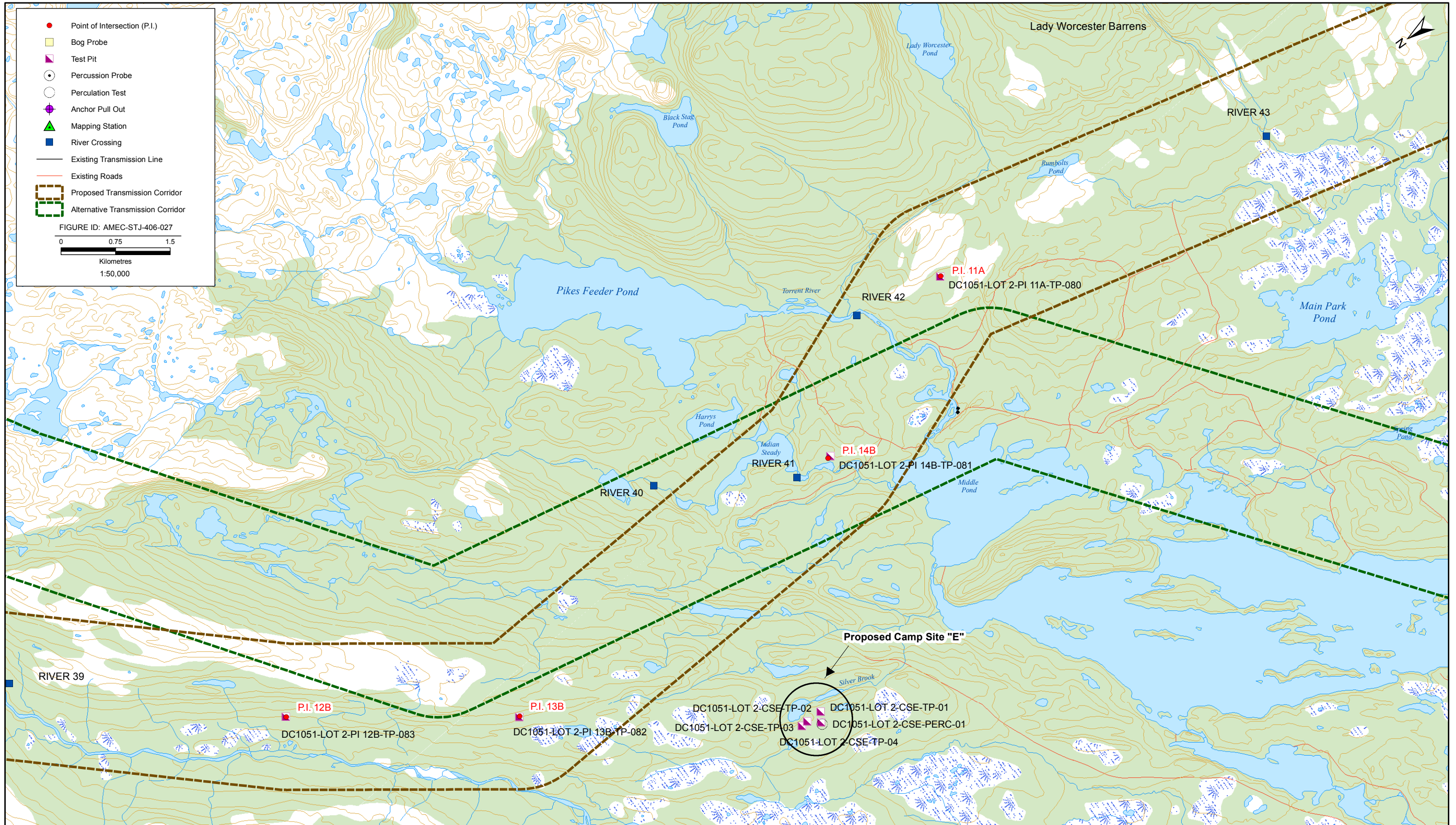


FIGURE DC 1051 - A1.5.27



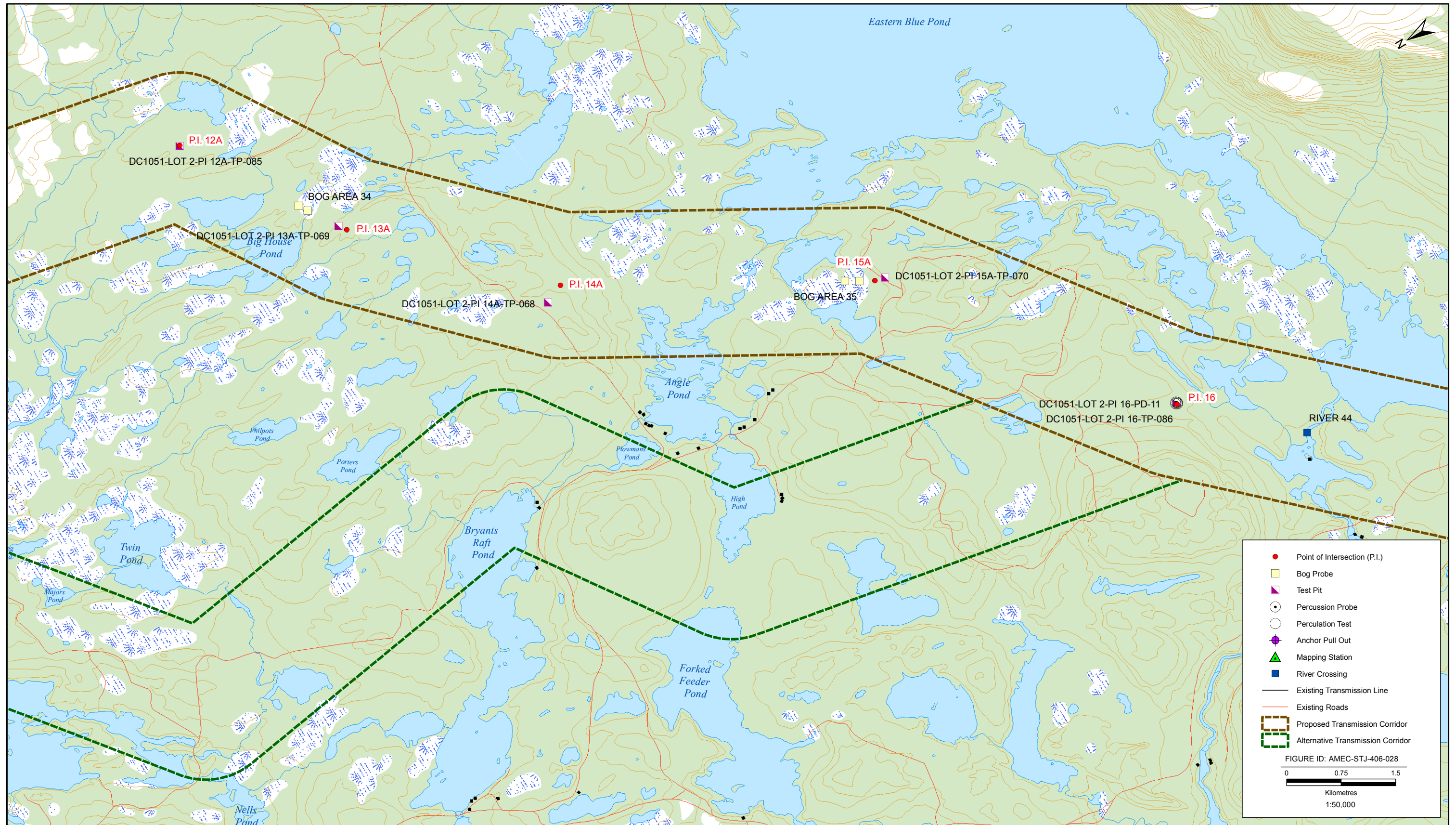


FIGURE DC 1051 - A1.5.28

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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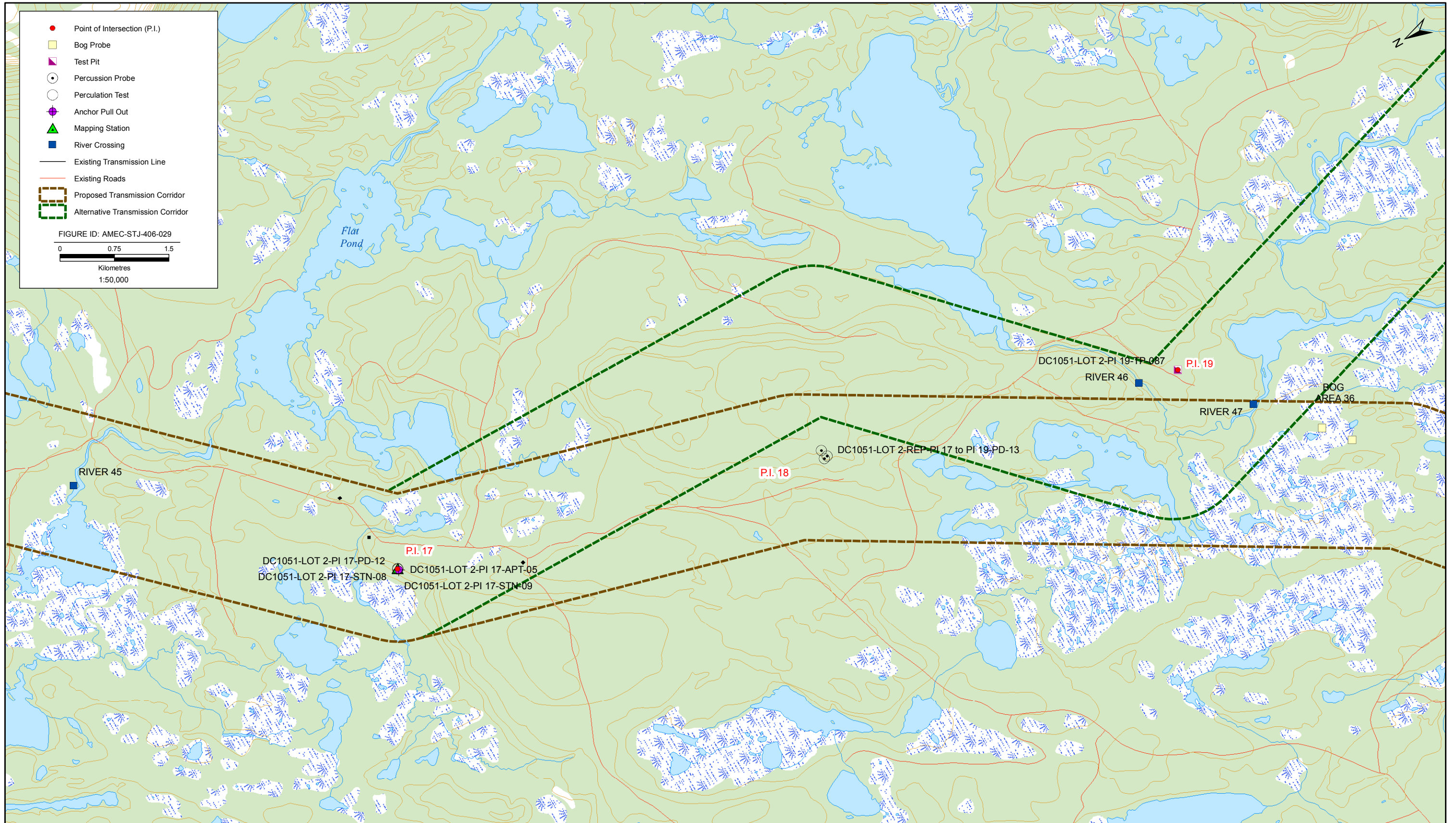


FIGURE DC 1051 - A1.5.29

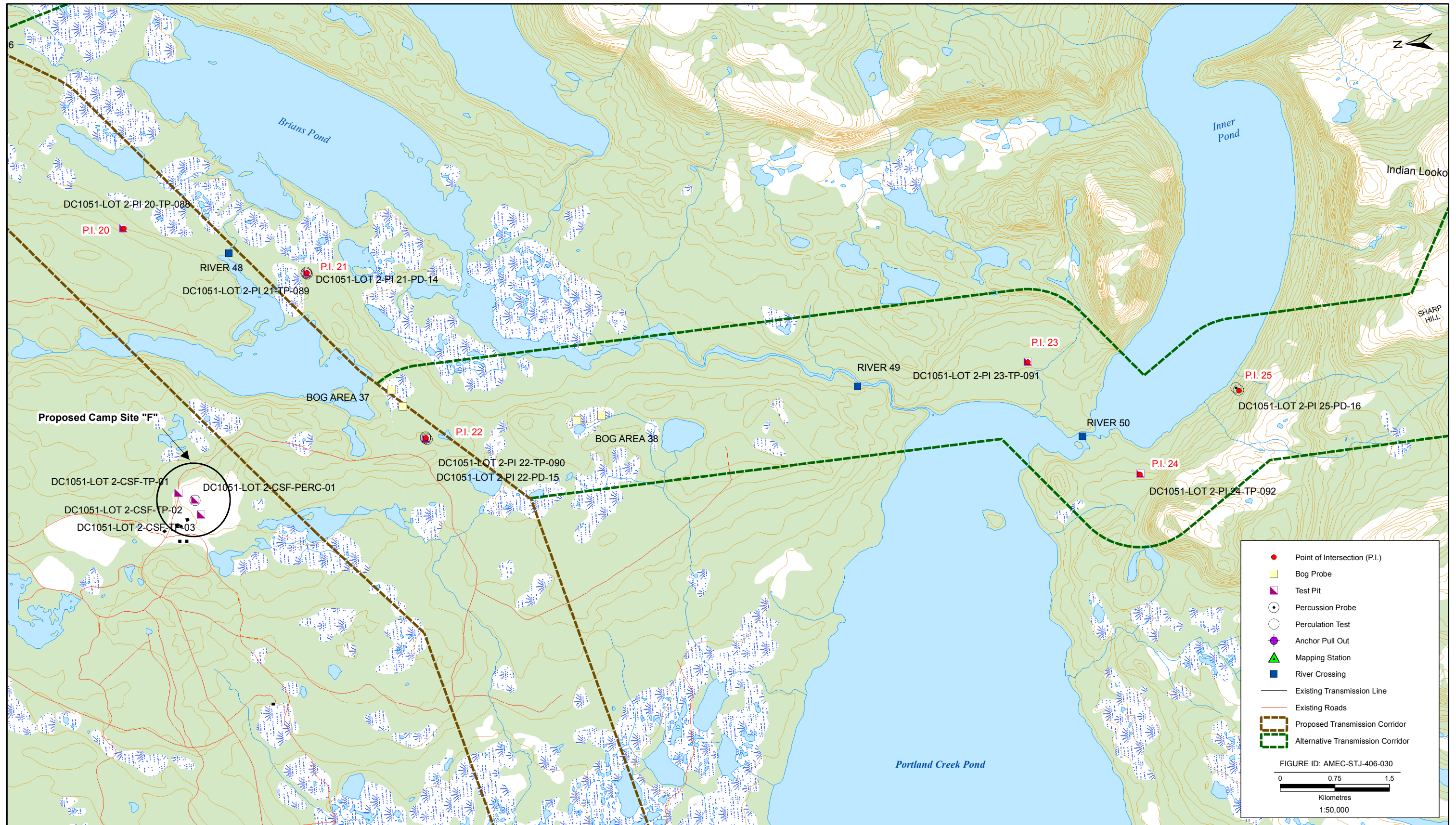


FIGURE DC 1051 - A1.5.30



**LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE**  
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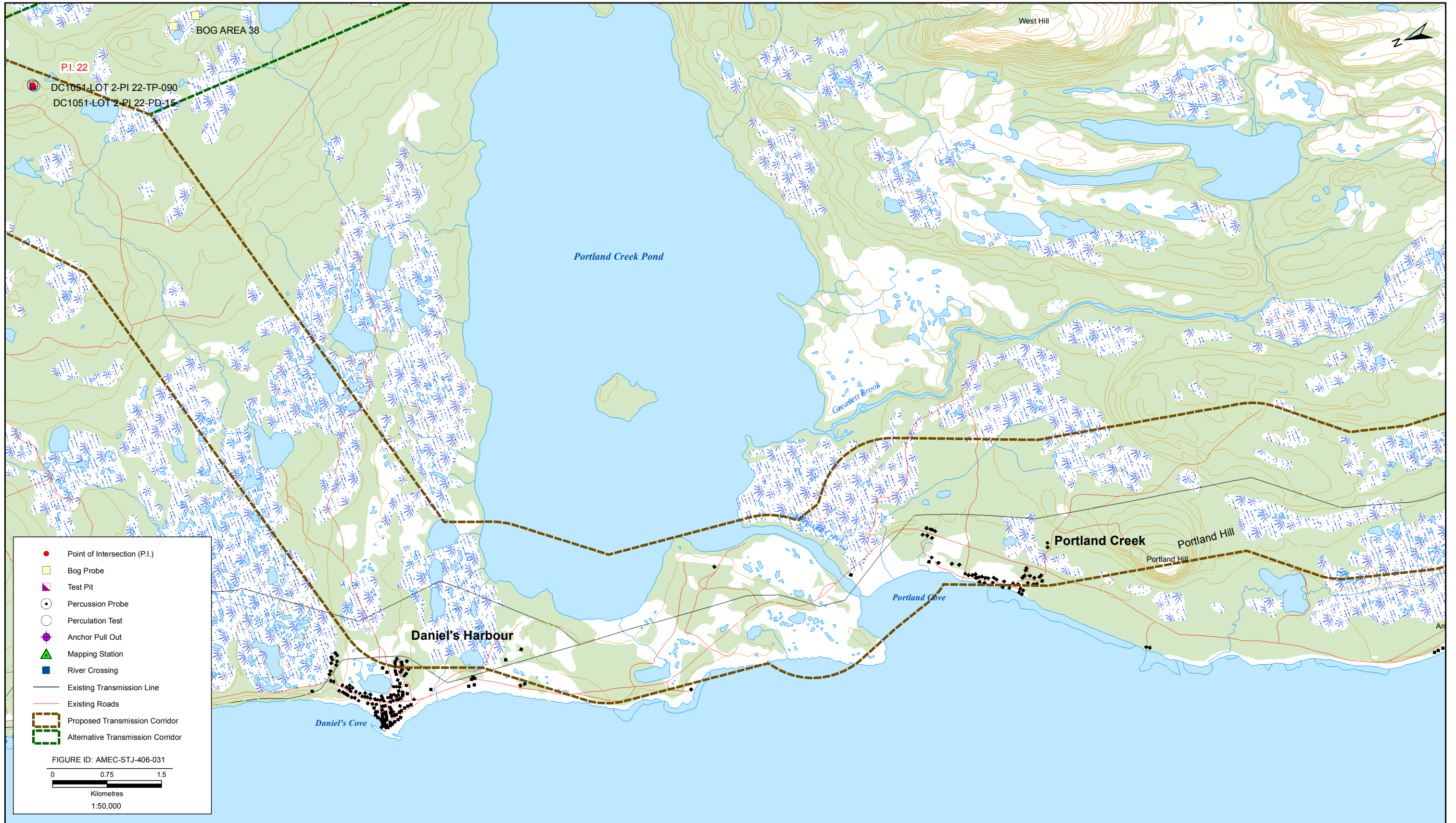


FIGURE DC 1051 - A1.5.31

**LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE**  
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FIGURE DC 1051 - A1.5.32

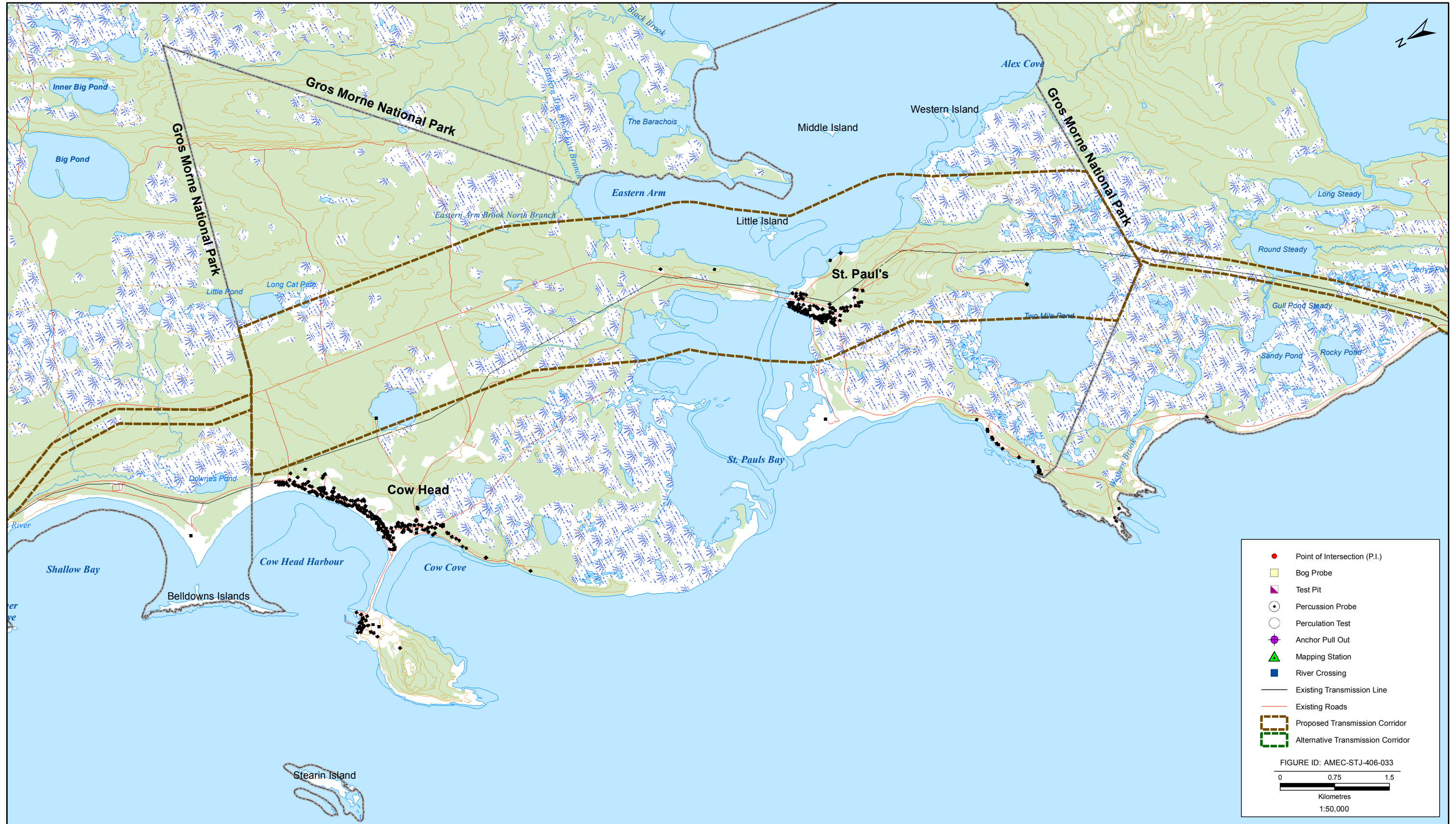


FIGURE DC 1051 - A1.5.33

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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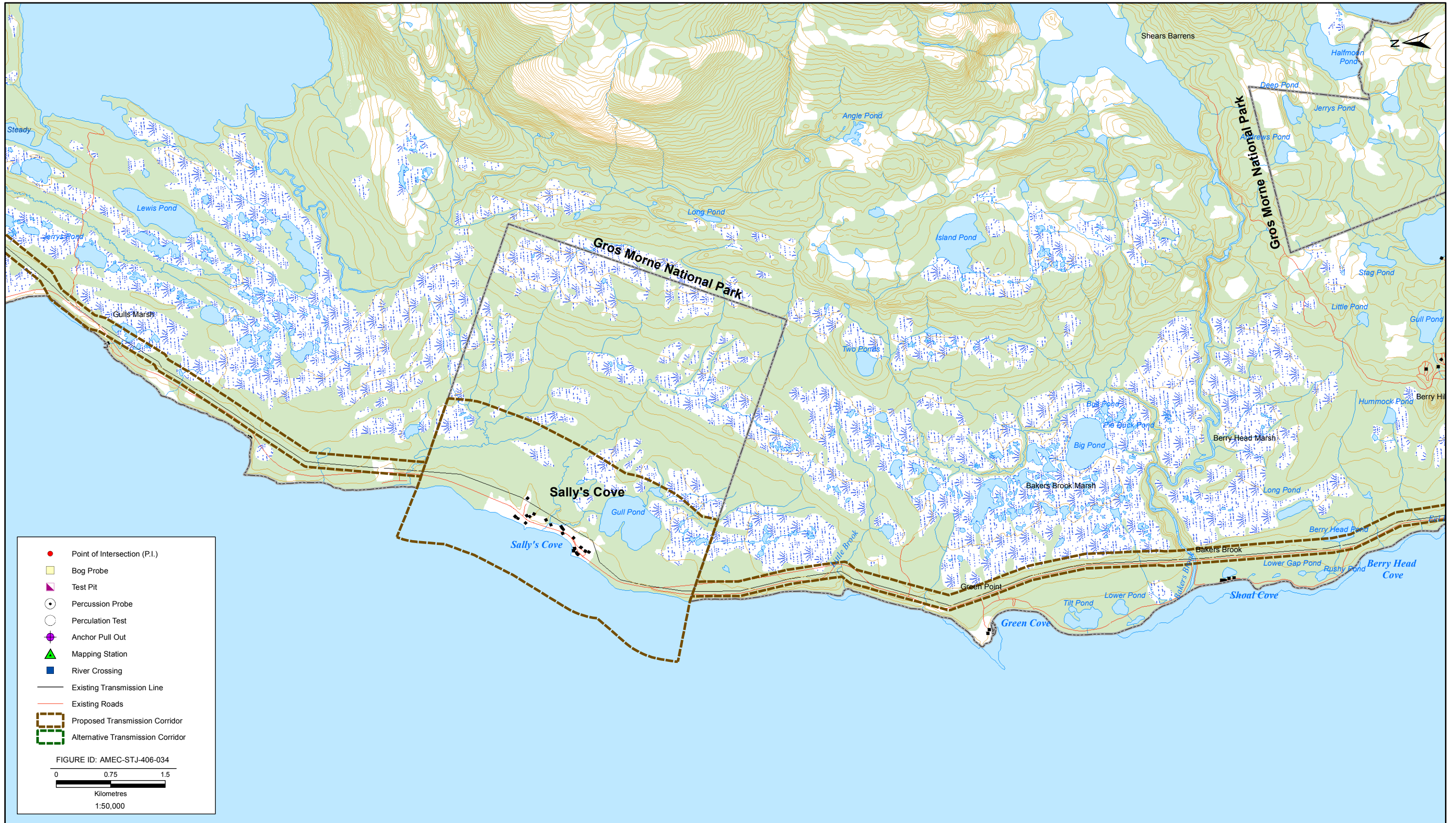


FIGURE DC 1051 - A1.5.34







FIGURE DC 1051 - A1.5.35

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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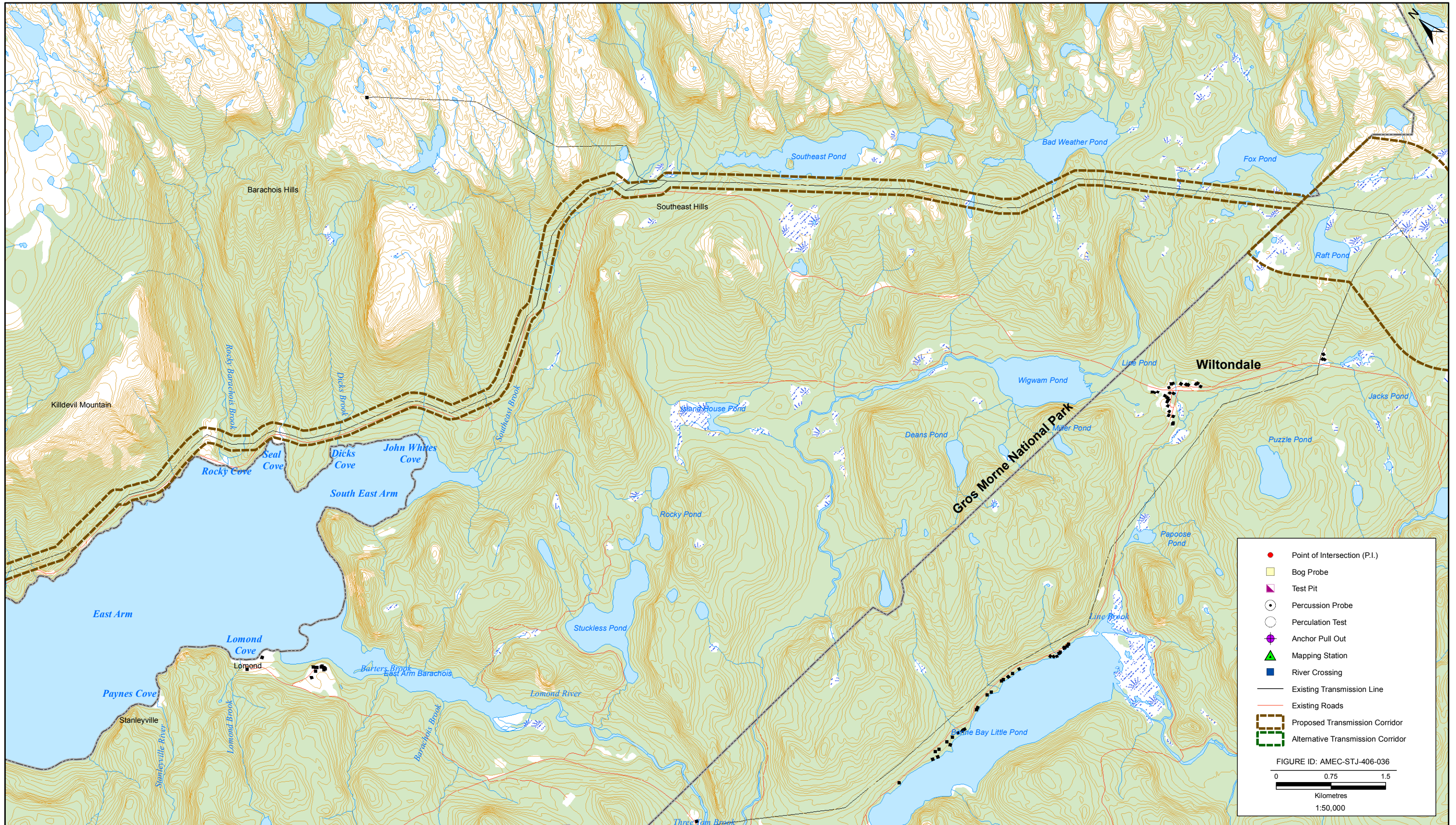


FIGURE DC 1051 - A1.5.36

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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FIGURE DC 1051 - A1.5.37



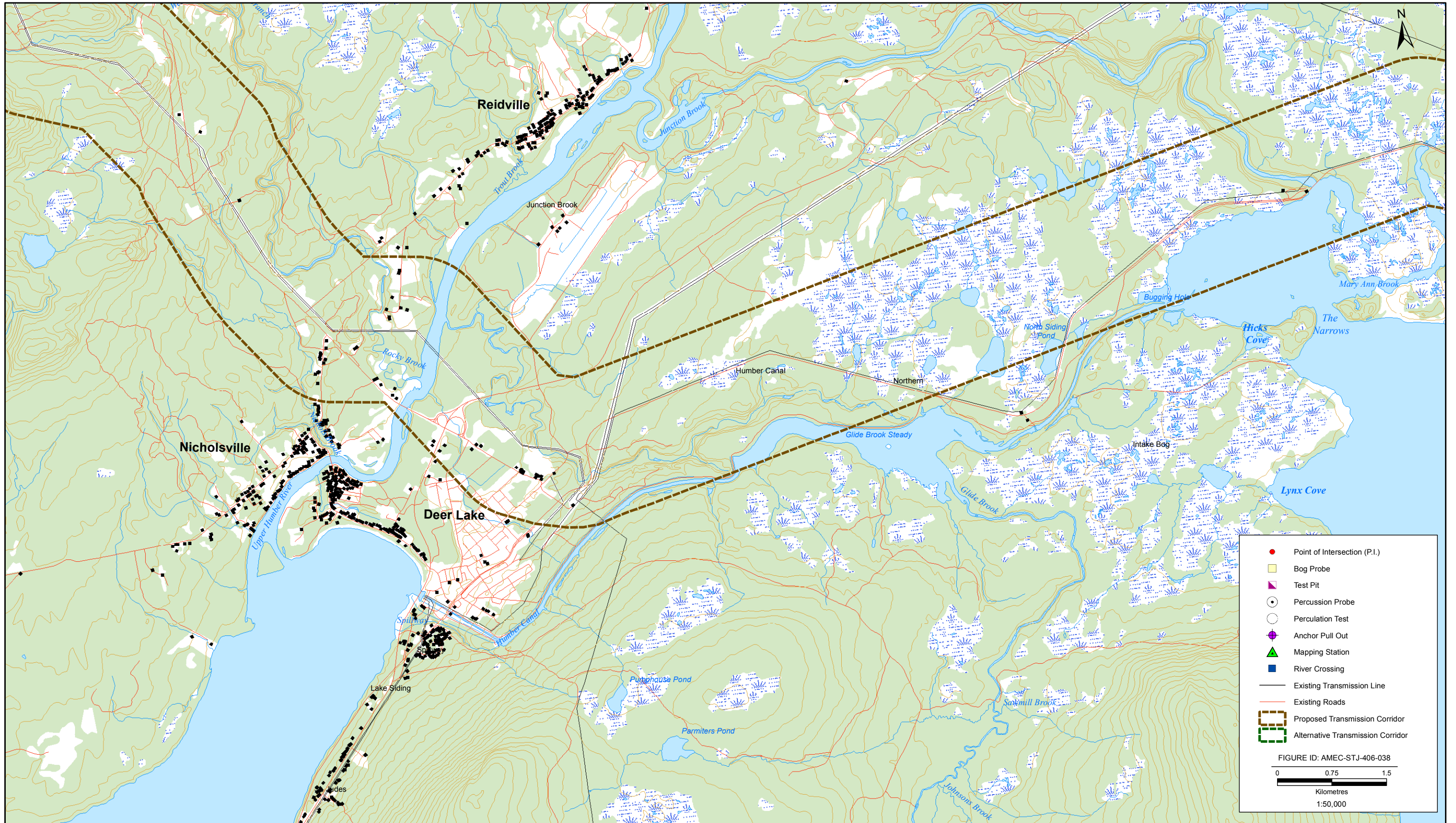


FIGURE DC 1051 - A1.5.38

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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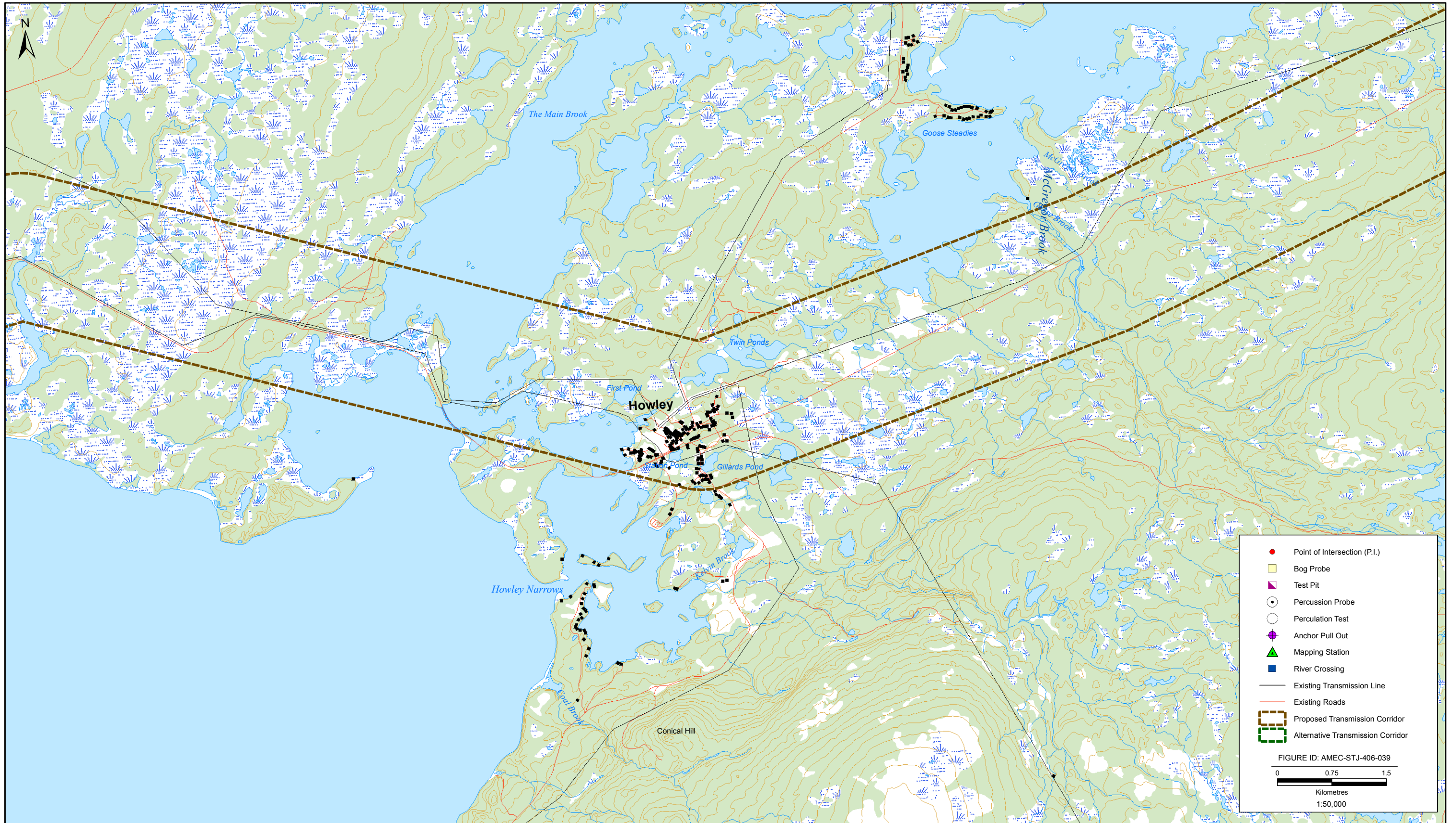


FIGURE DC 1051 - A1.5.39



**LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE**  
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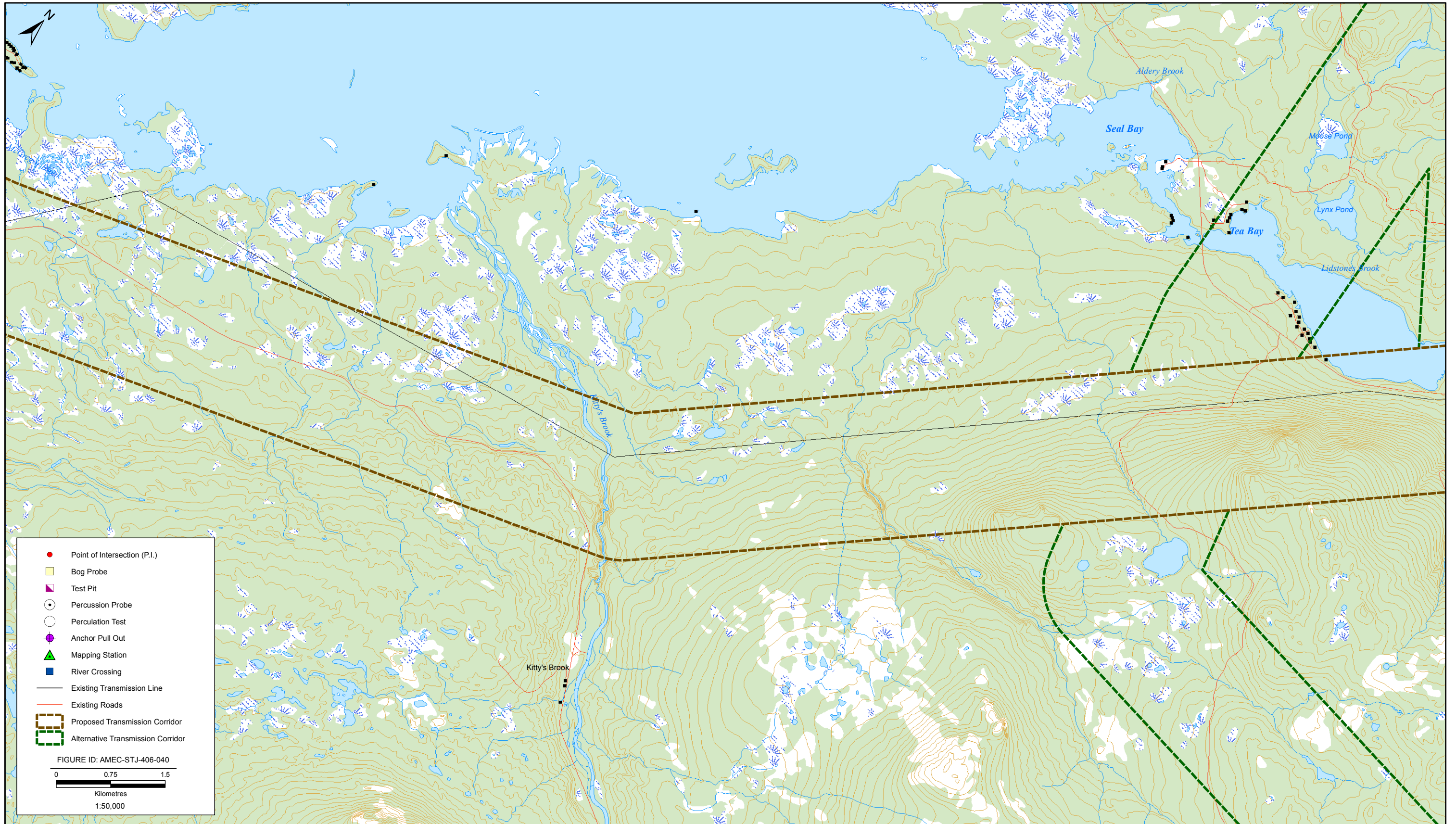


FIGURE DC 1051 - A1.5.40



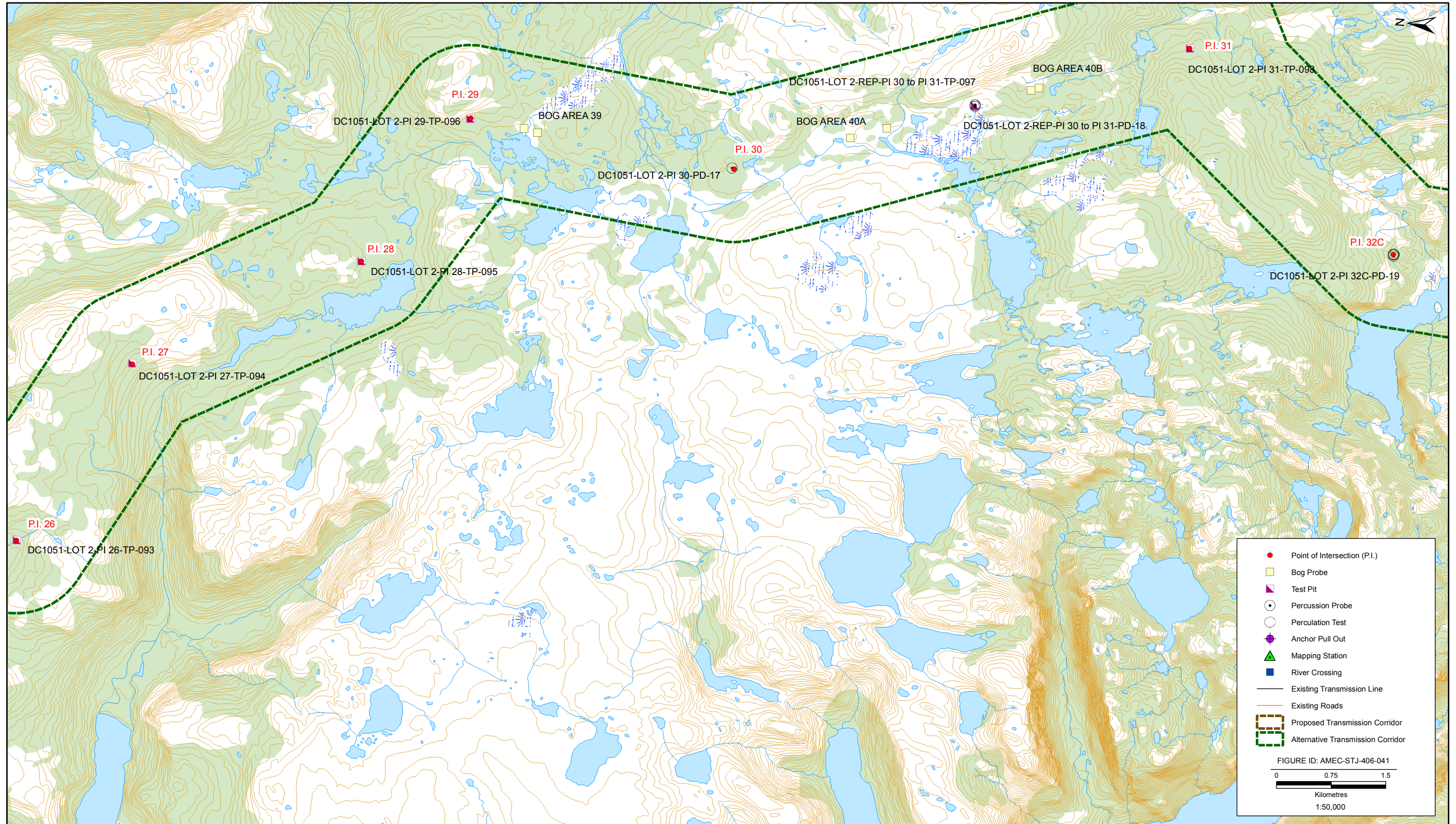


FIGURE DC 1051 - A1.5.41



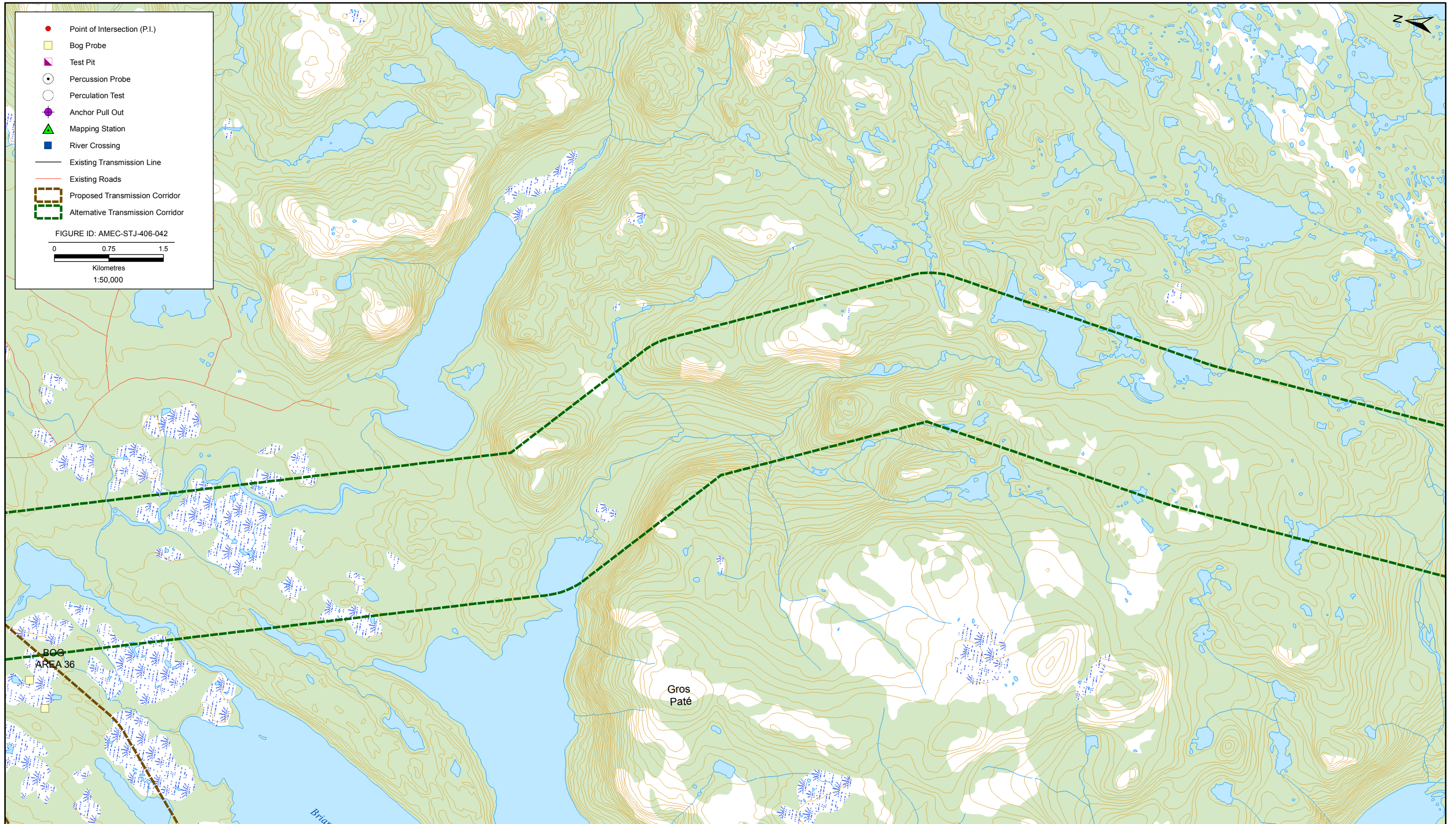


FIGURE DC 1051 - A1.5.42





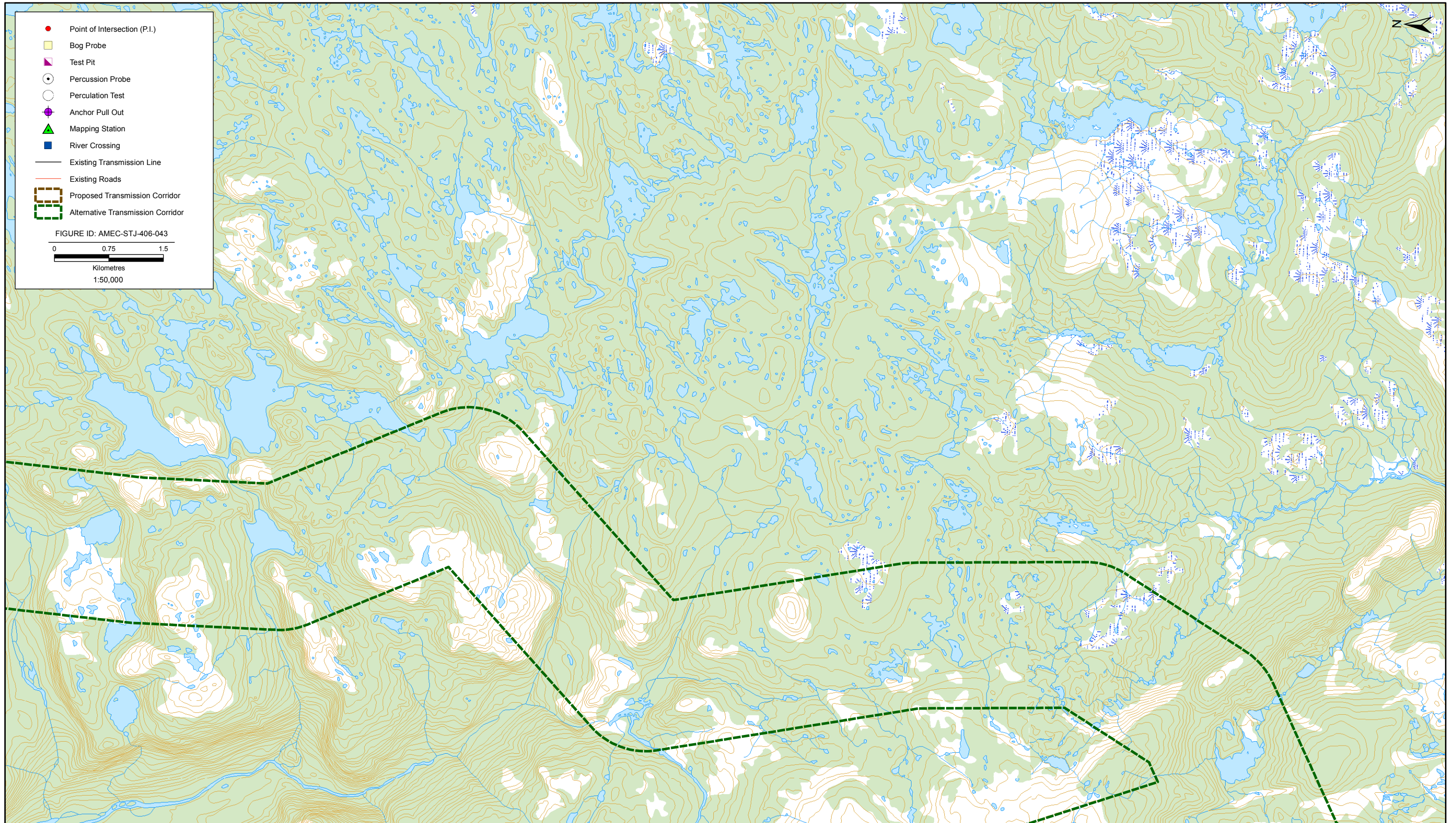


FIGURE DC 1051 - A1.5.43



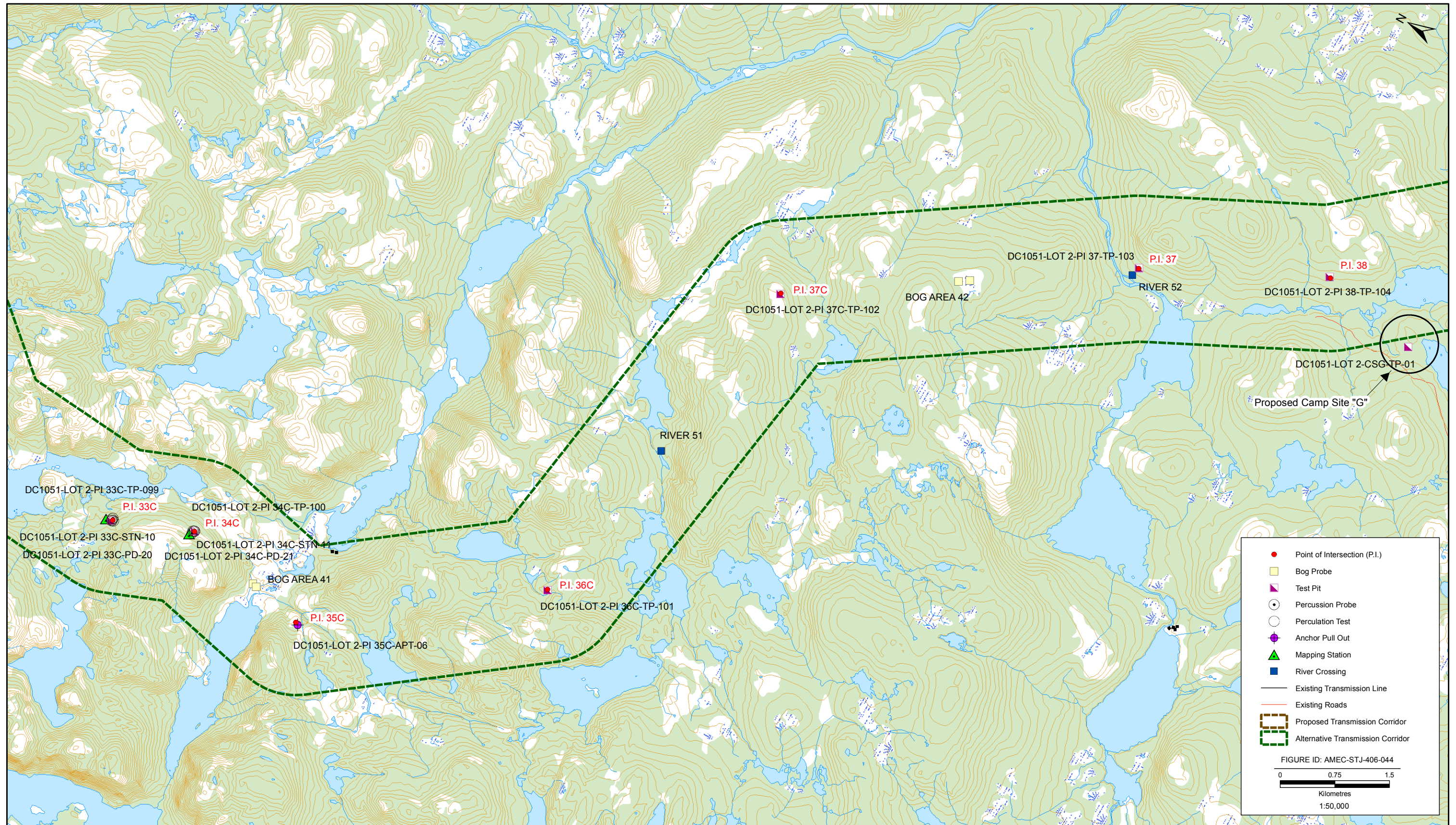
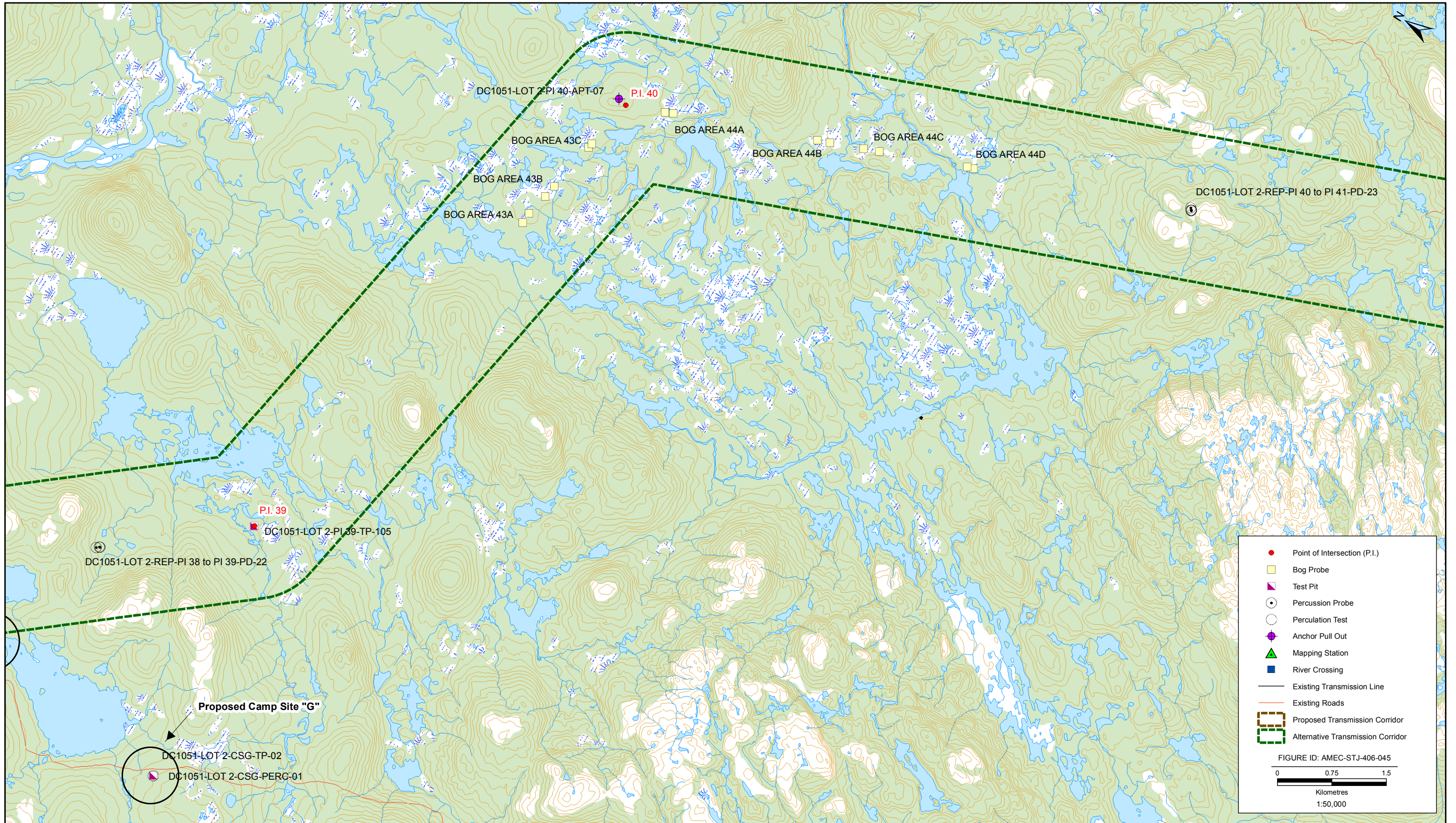


FIGURE DC 1051 - A1.5.44





- Point of Intersection (P.I.)
- Bog Probe
- + Test Pit
- Percussion Probe
- Percussion Test
- + Anchor Pull Out
- ▲ Mapping Station
- River Crossing
- Existing Transmission Line
- Existing Roads
- Proposed Transmission Corridor
- Alternative Transmission Corridor

FIGURE ID: AMEC-STJ-406-045

0      0.75      1.5  
 Kilometres  
 1:50,000



FIGURE DC 1051 - A1.5.45

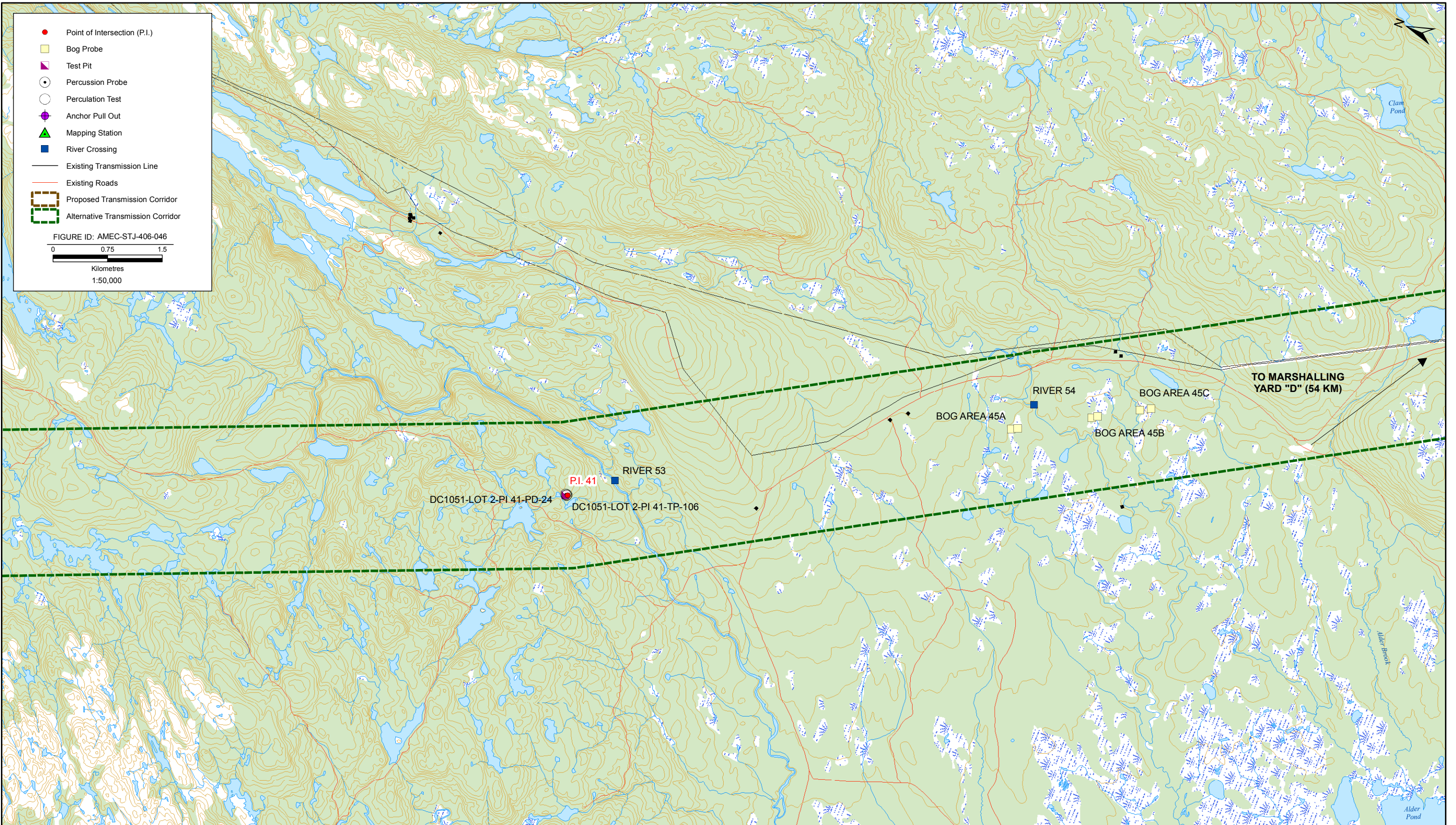


FIGURE DC 1051 - A1.5.46



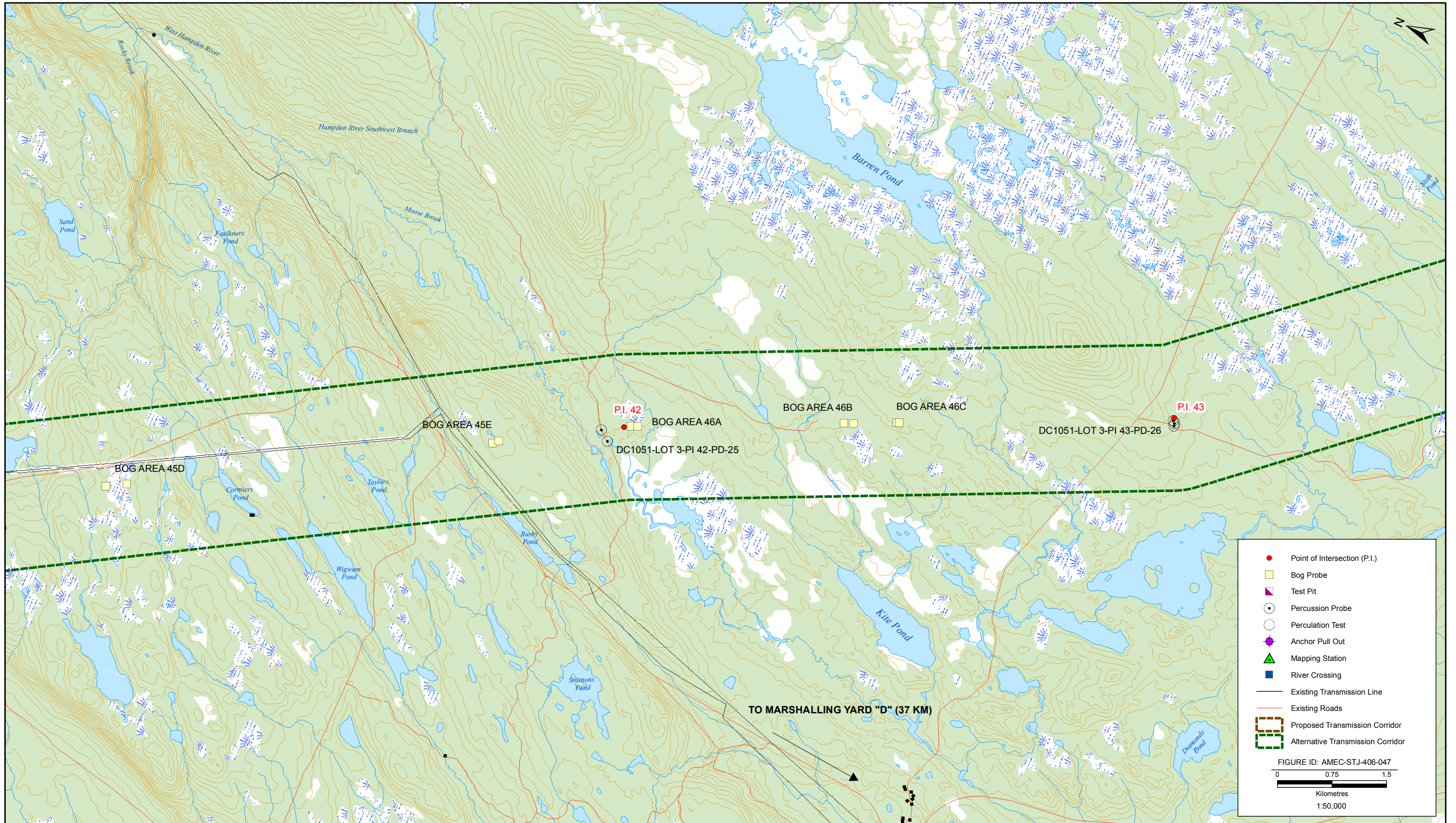


FIGURE DC 1051 - A1.5.47

**LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE**  
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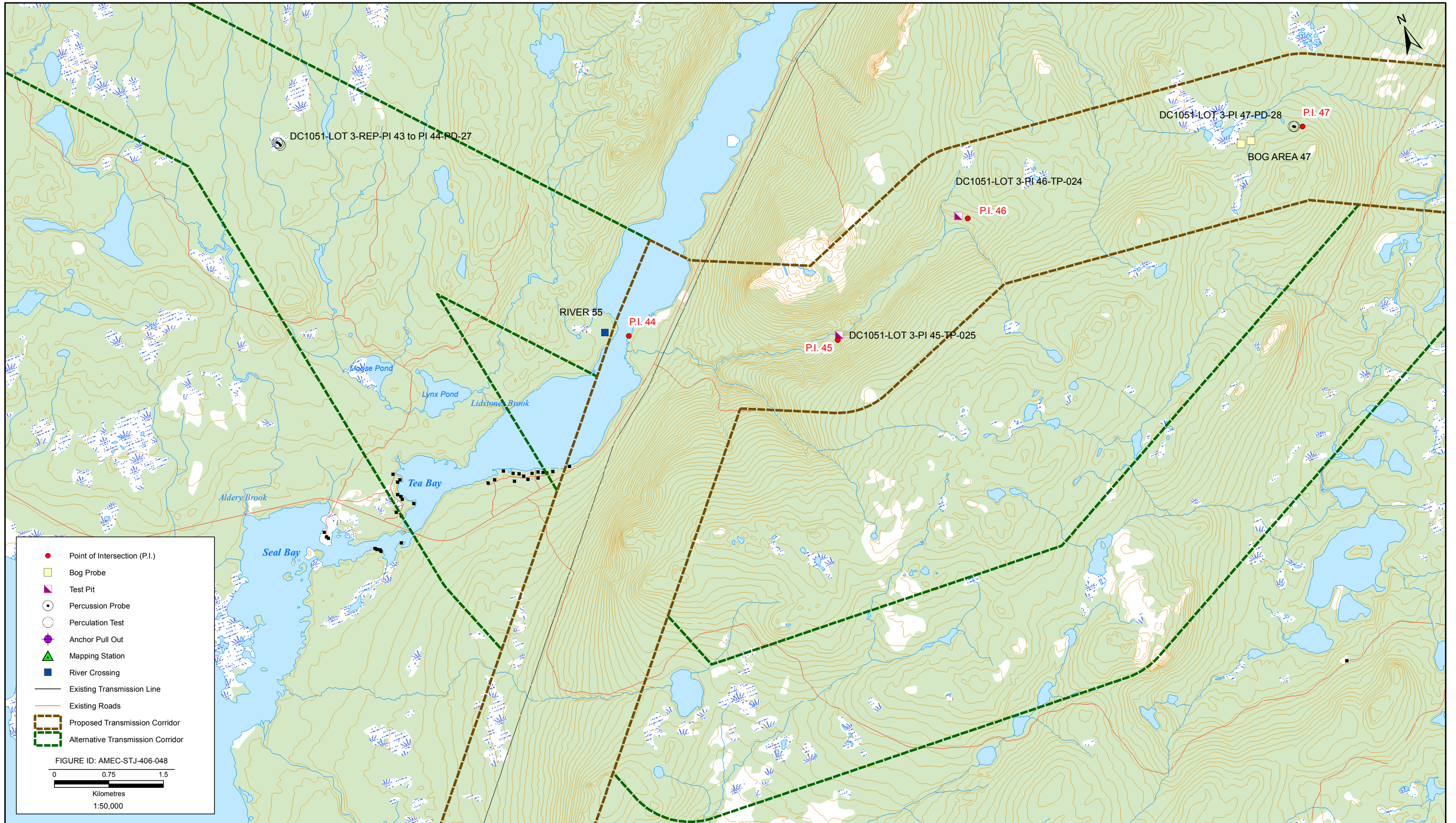


FIGURE DC 1051 - A1.5.48



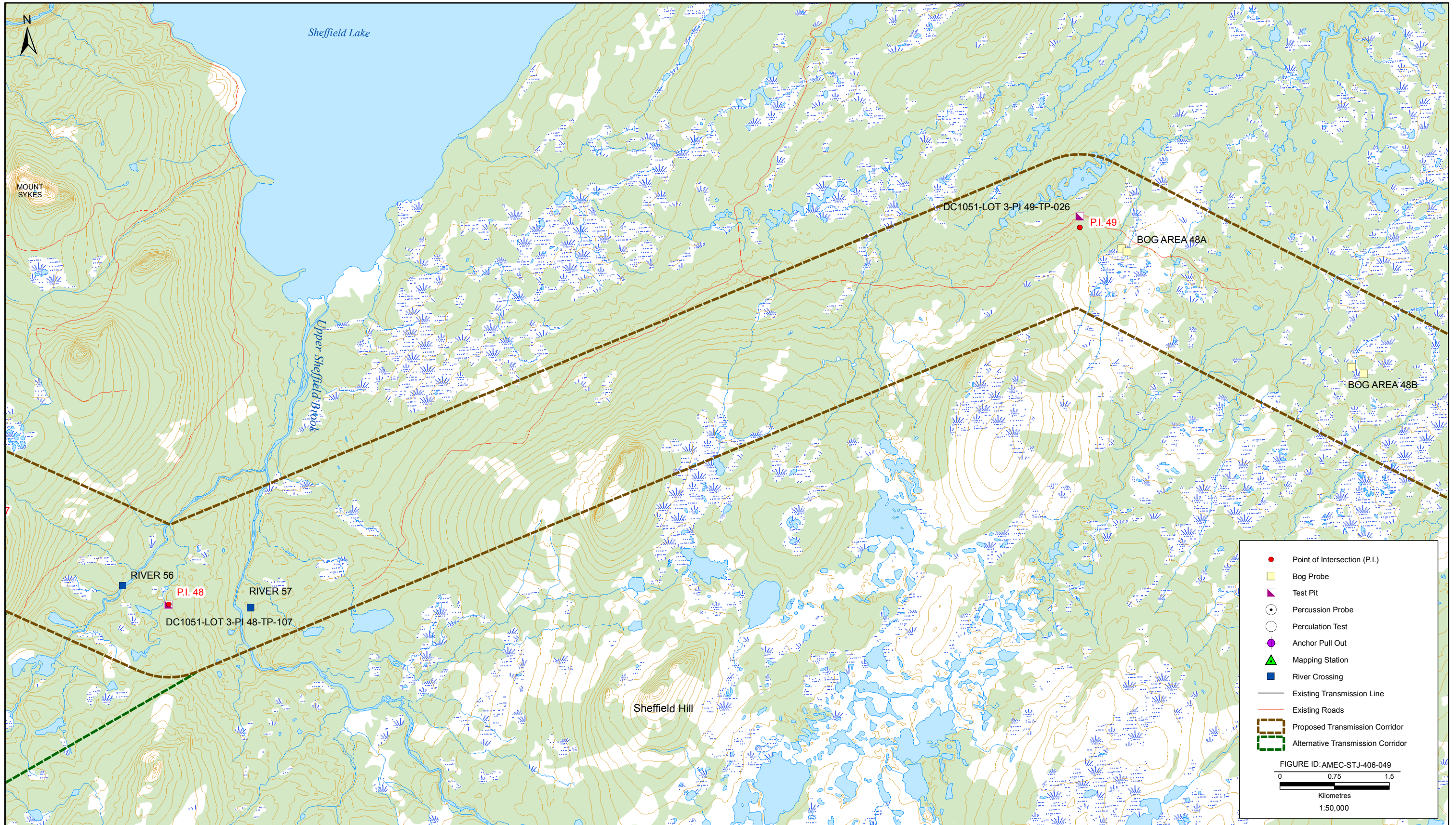


FIGURE DC 1051 - A1.5.49



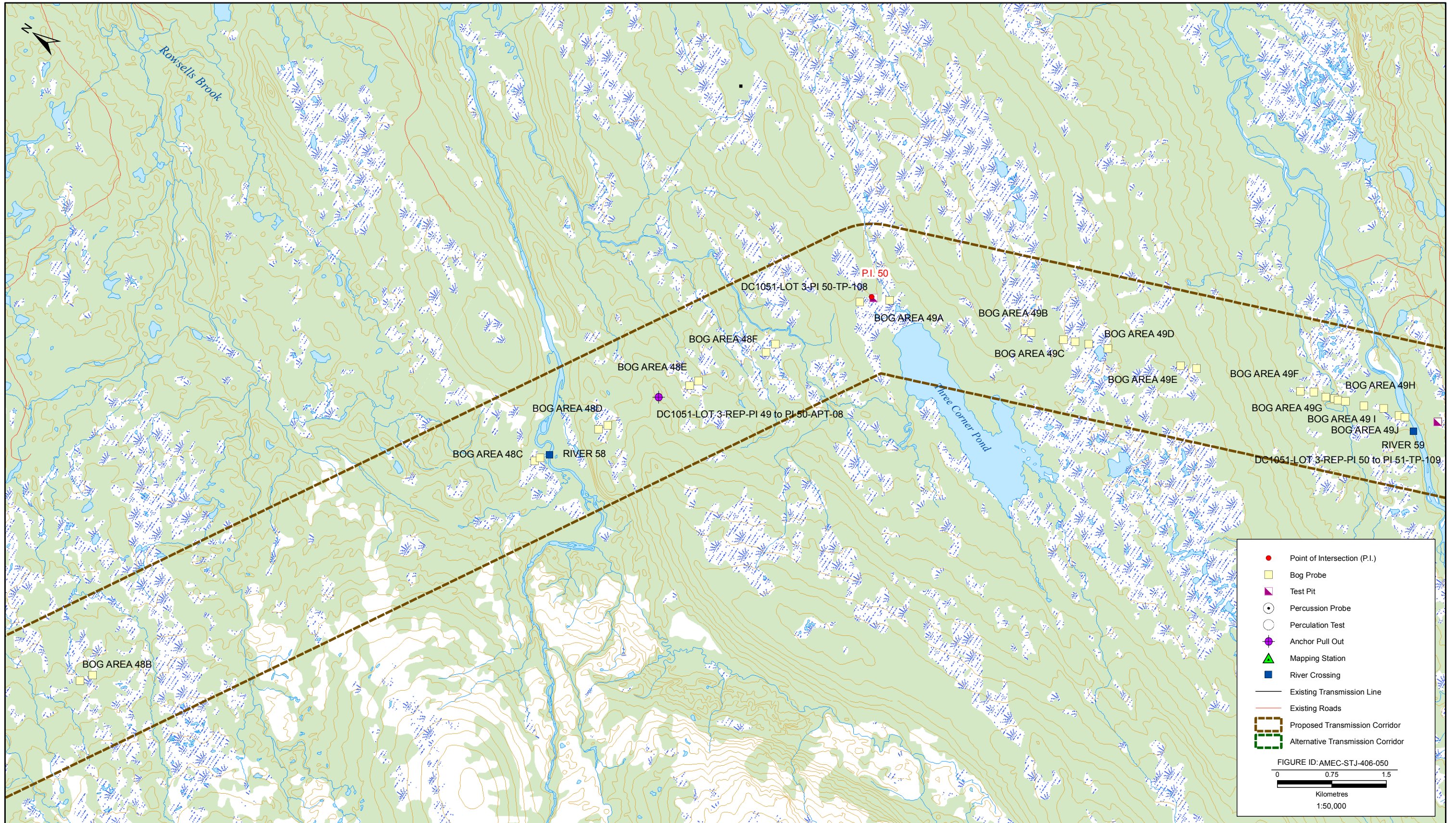


FIGURE DC 1051 - A1.5.50



**LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE**  
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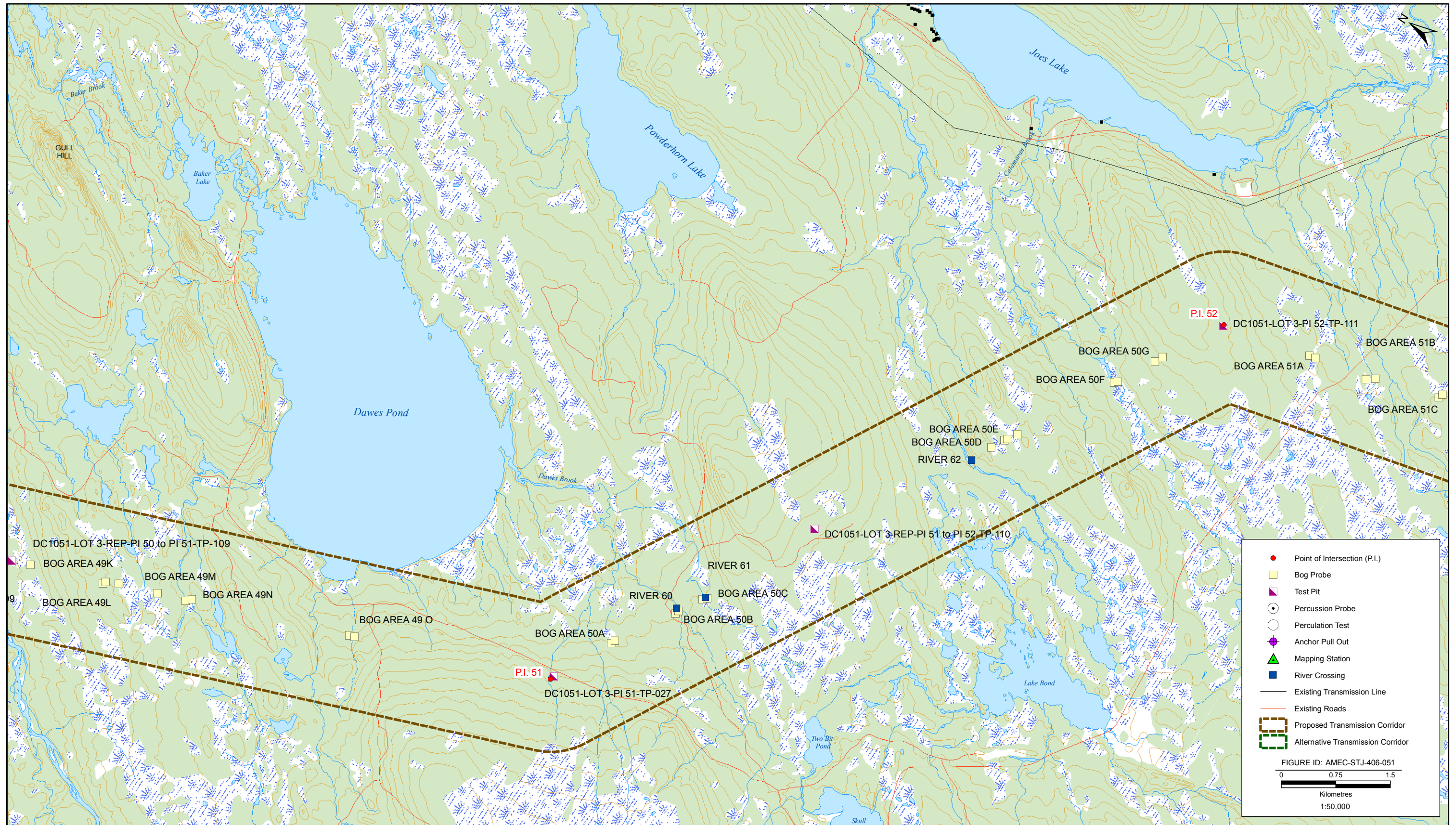


FIGURE DC 1051 - A1.5.51

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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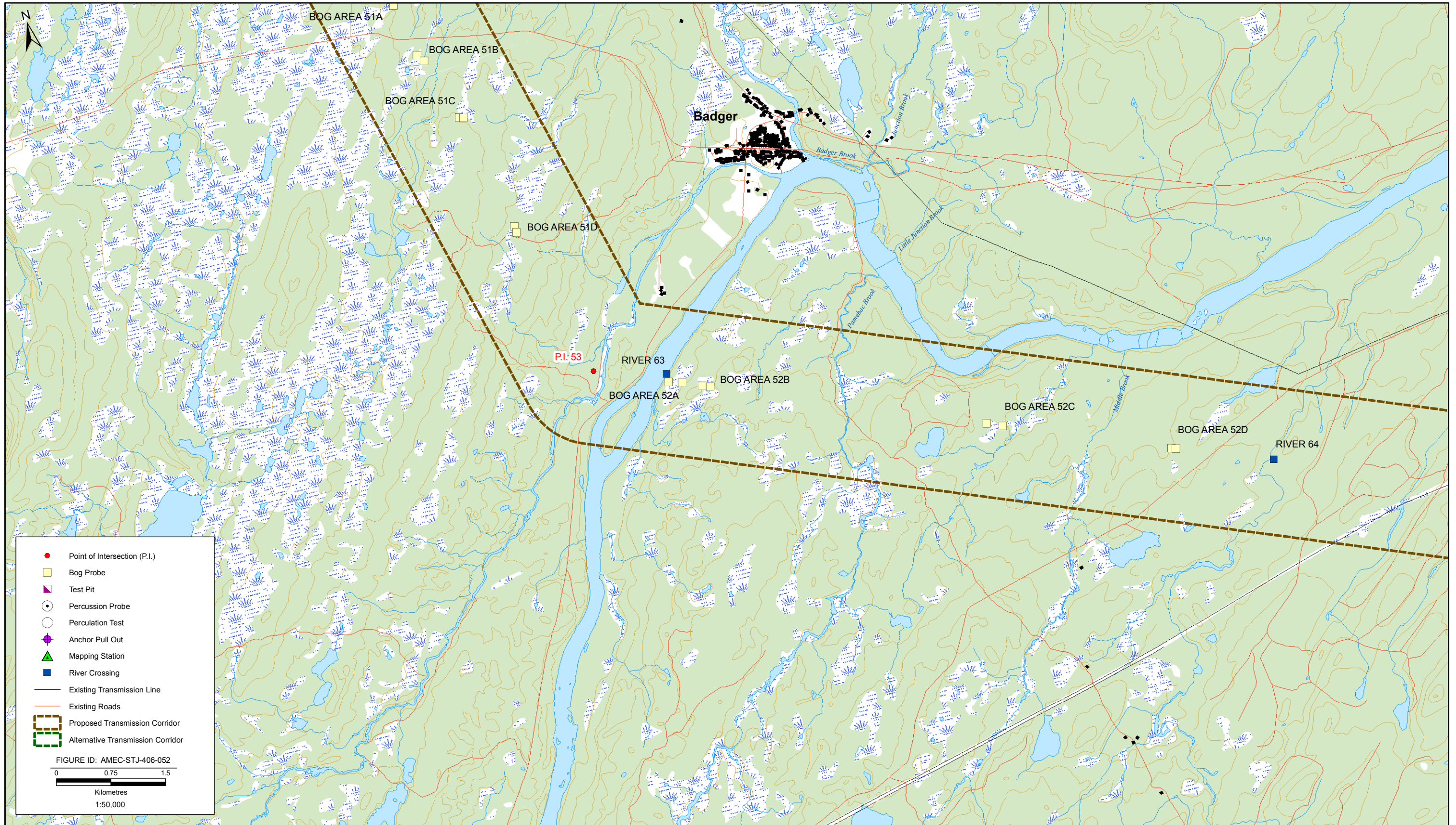


FIGURE DC 1051 - A1.5.52

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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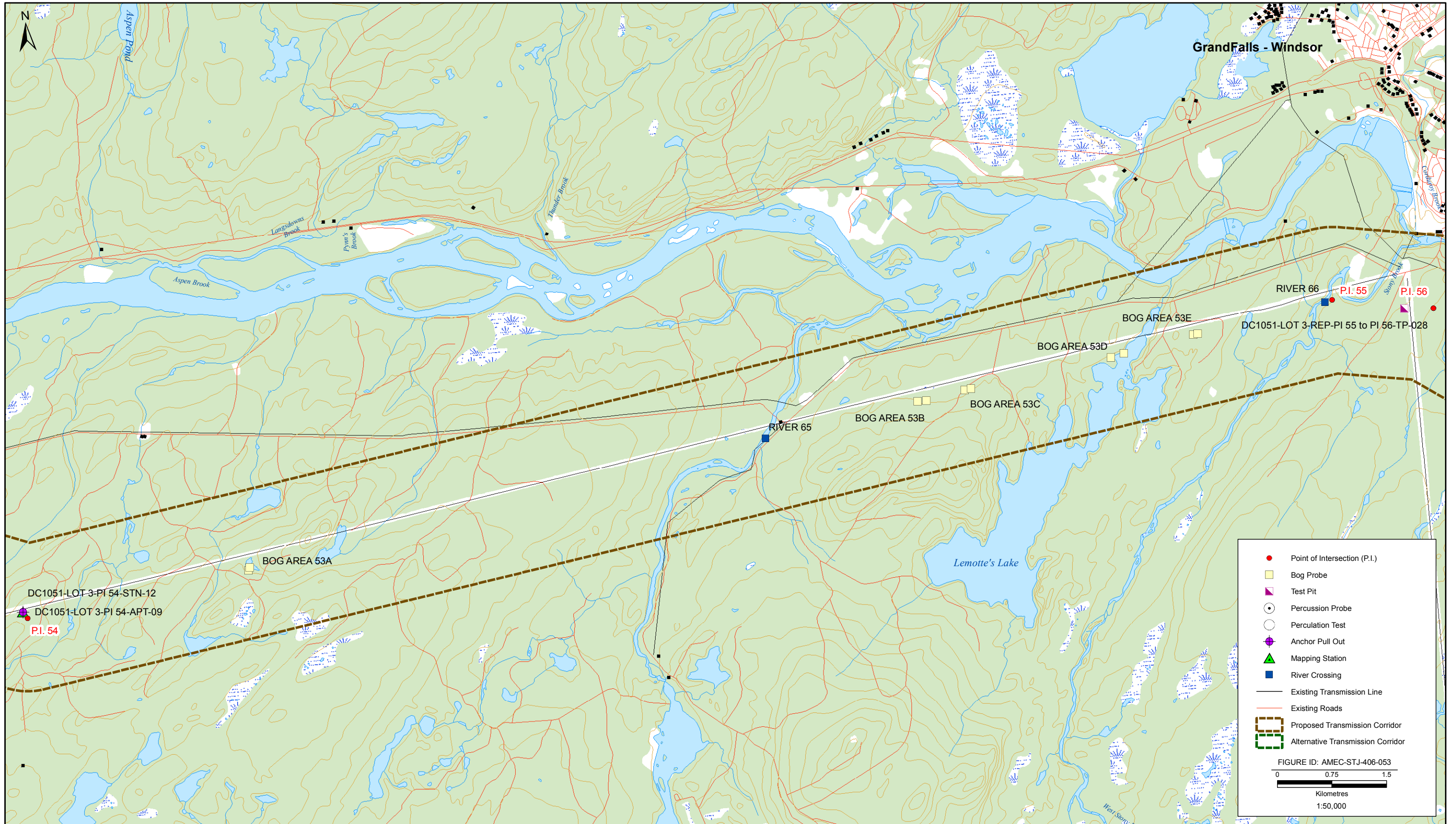


FIGURE DC 1051 - A1.5.53

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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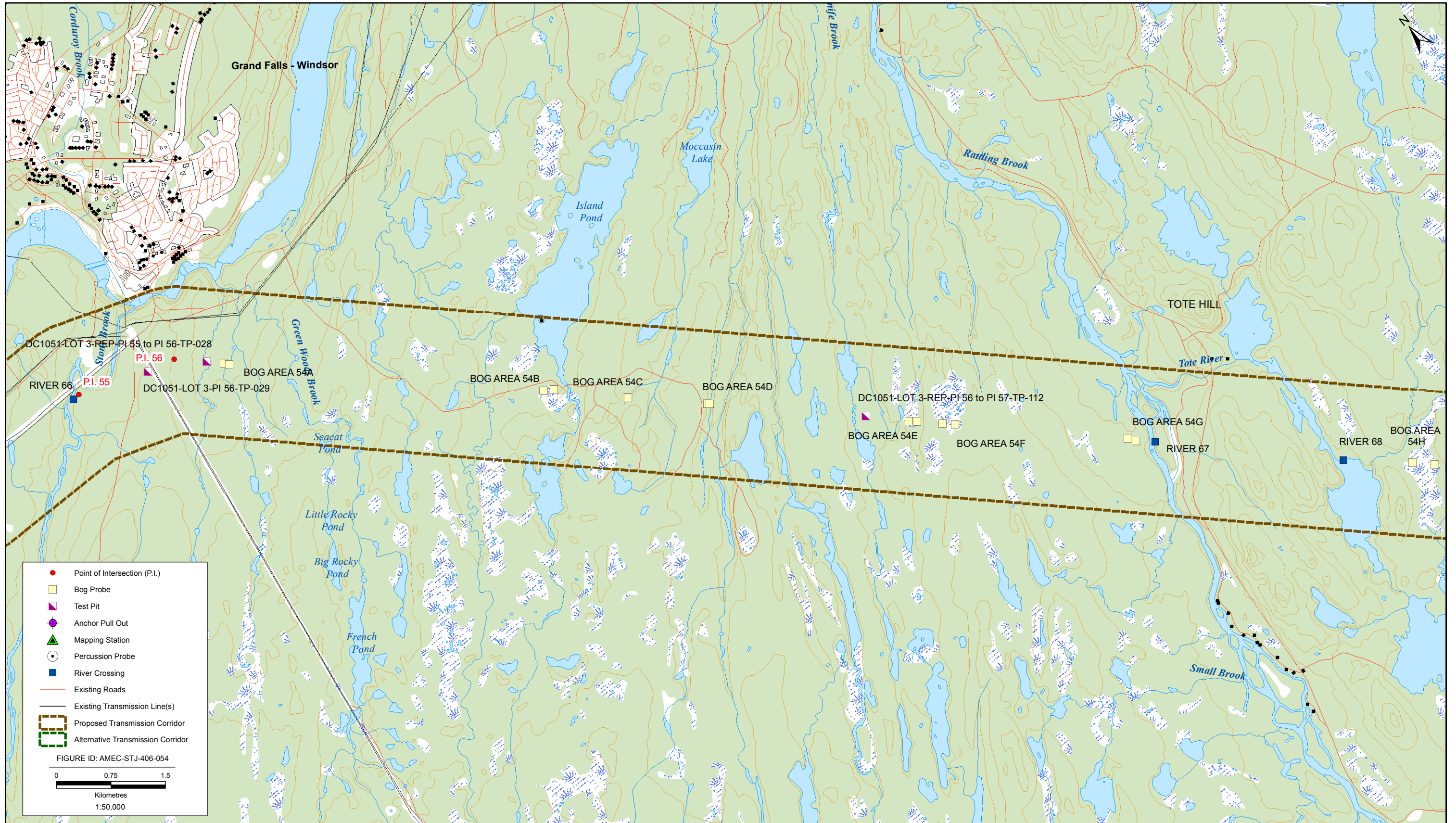


FIGURE DC 1051 - A1.5.54





FIGURE DC 1051 - A1.5.55



**LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE**  
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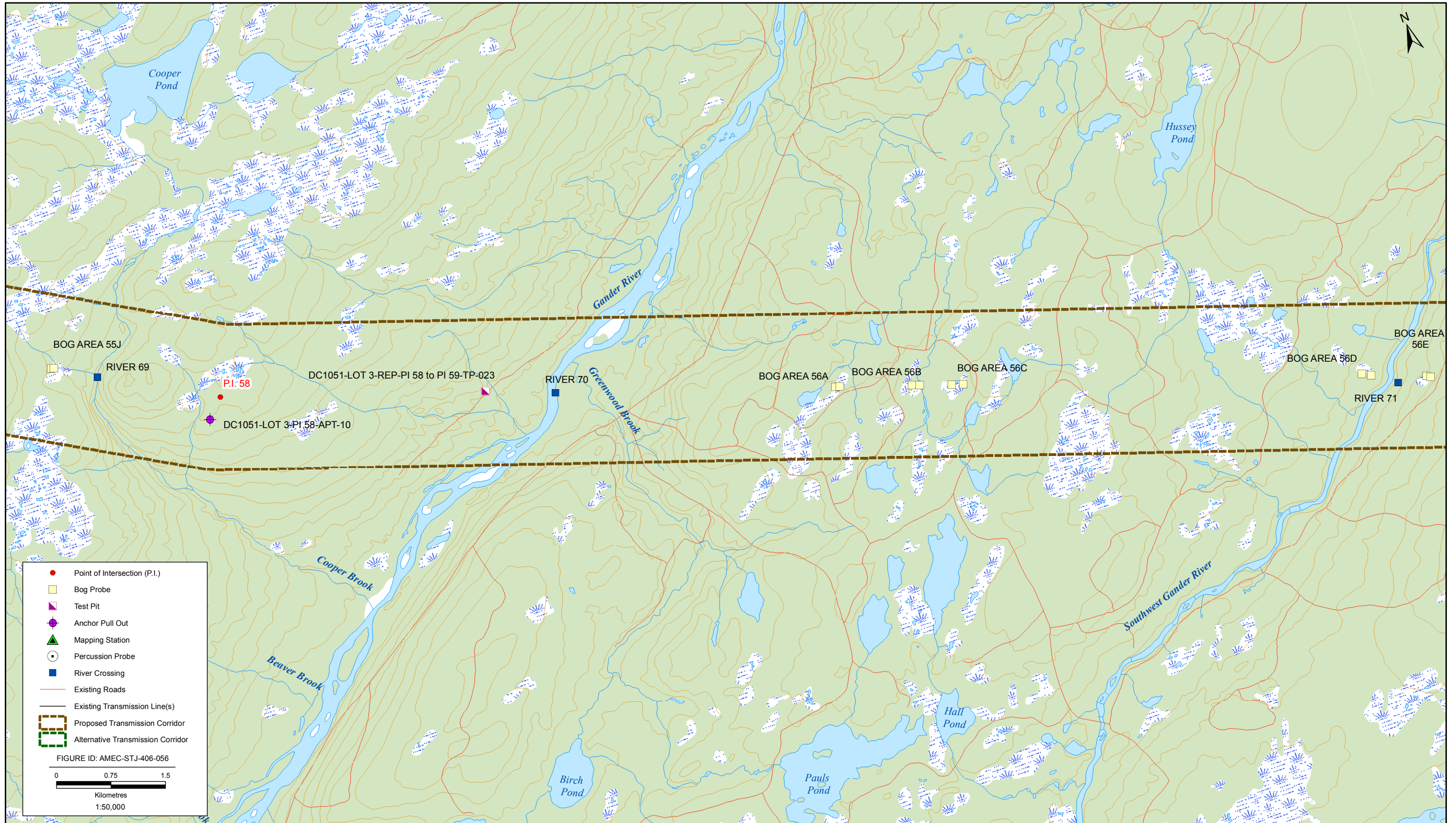


FIGURE DC 1051 - A1.5.56



**LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE**  
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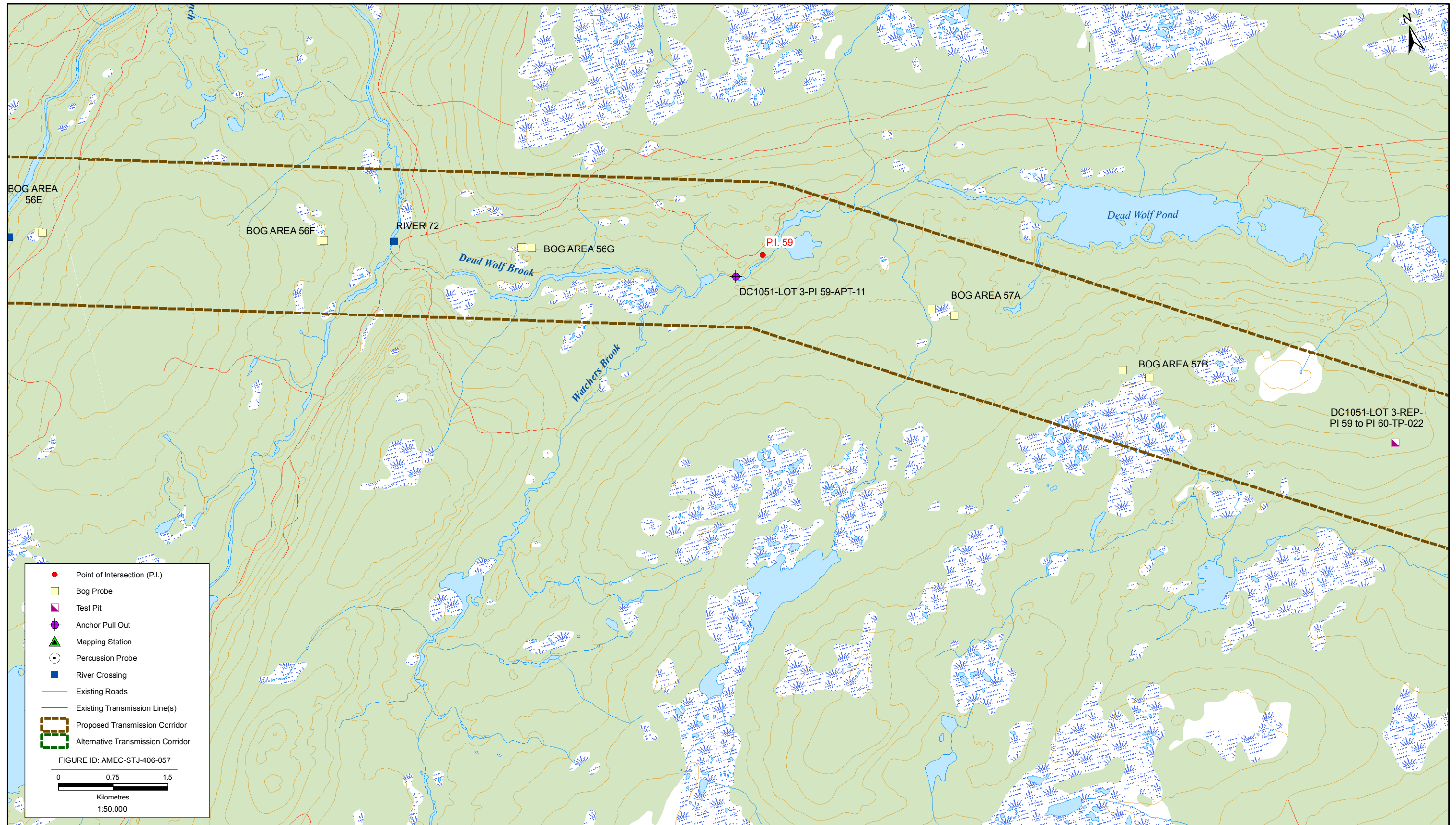


FIGURE DC 1051 - A1.5.57



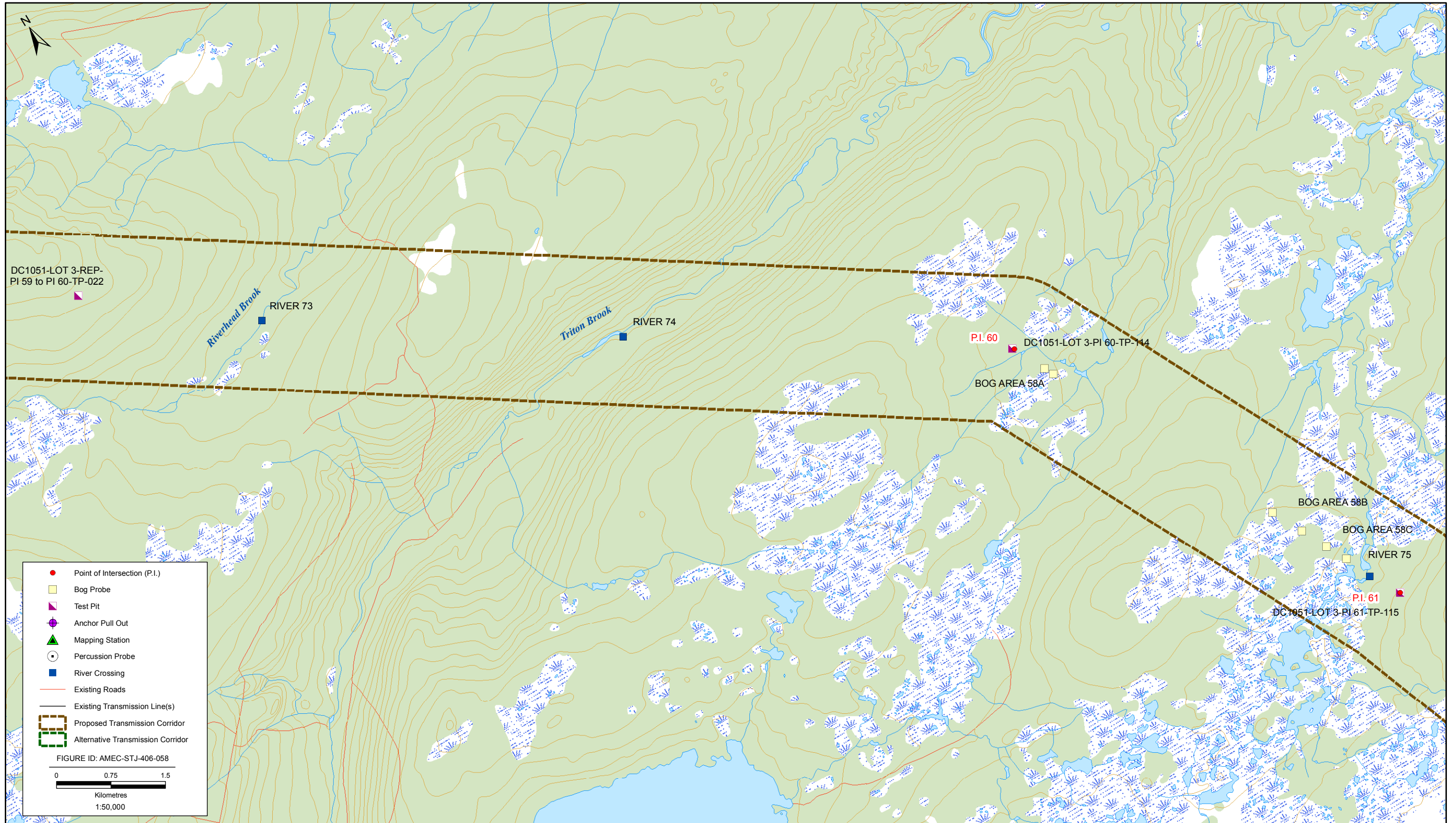


FIGURE DC 1051 - A1.5.58





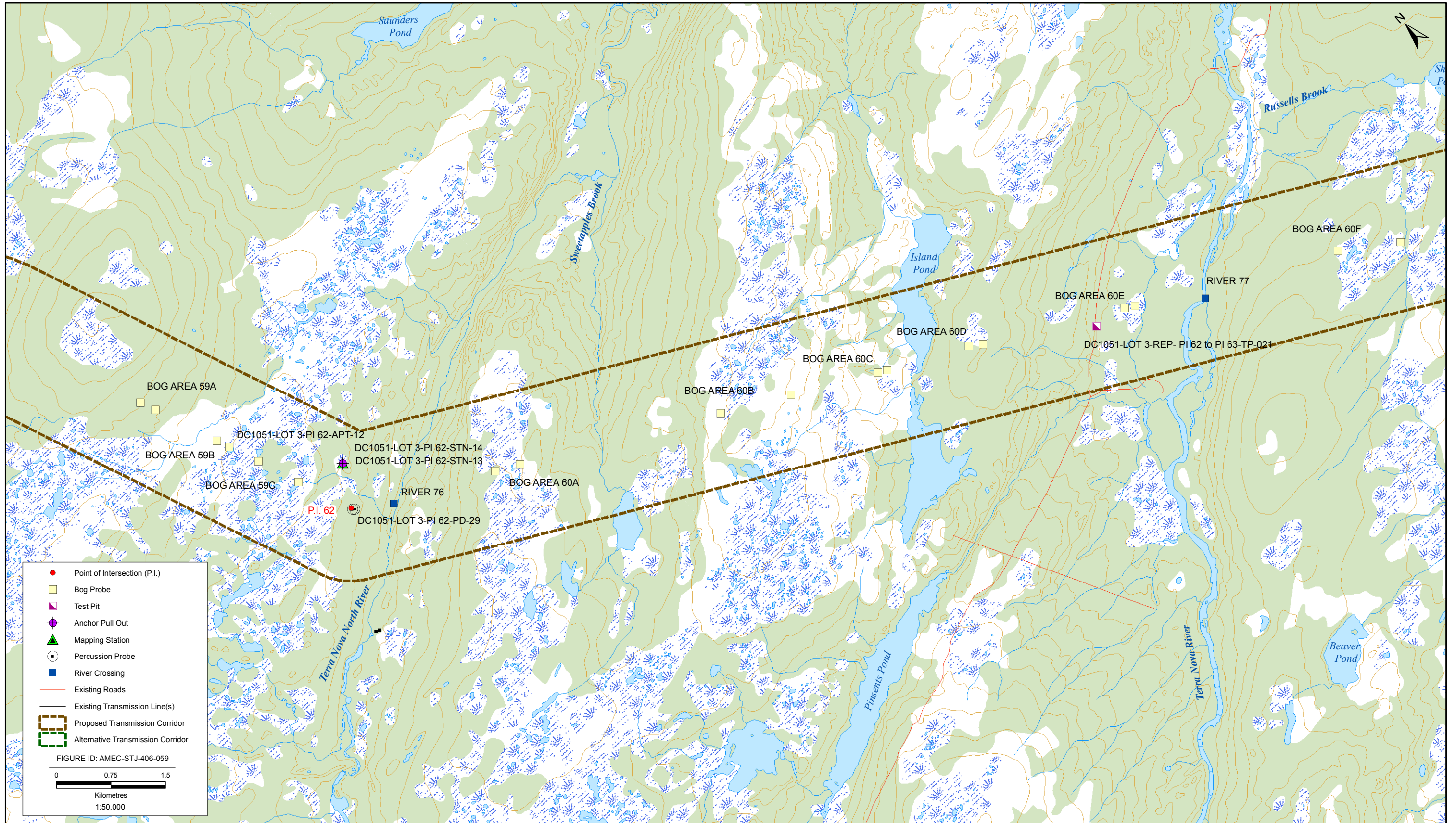


FIGURE DC 1051 - A1.5.59



**LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE**  
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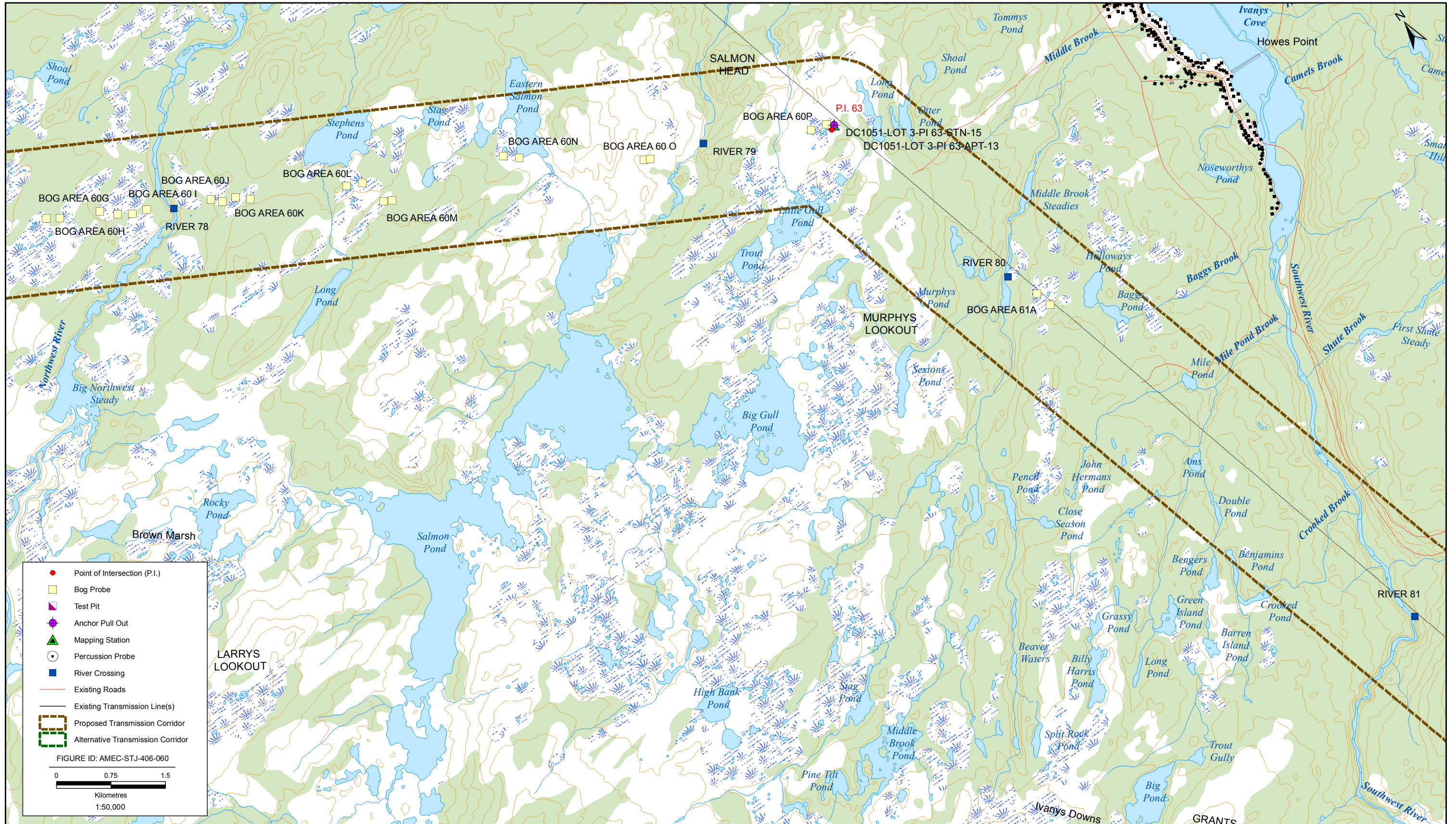


FIGURE DC 1051 - A1.5.60



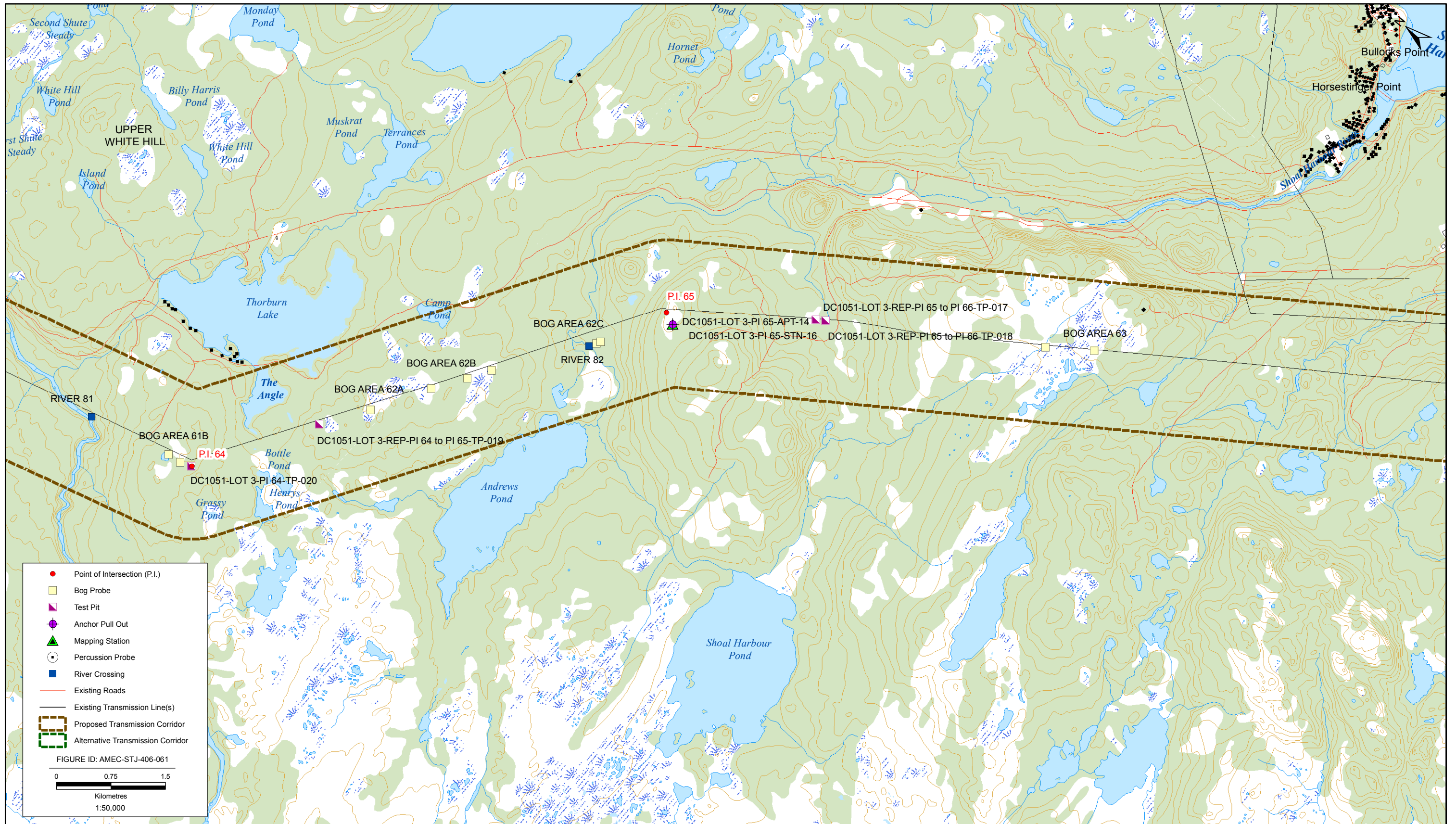


FIGURE DC 1051 - A1.5.61



LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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FIGURE DC 1051 - A1.5.62

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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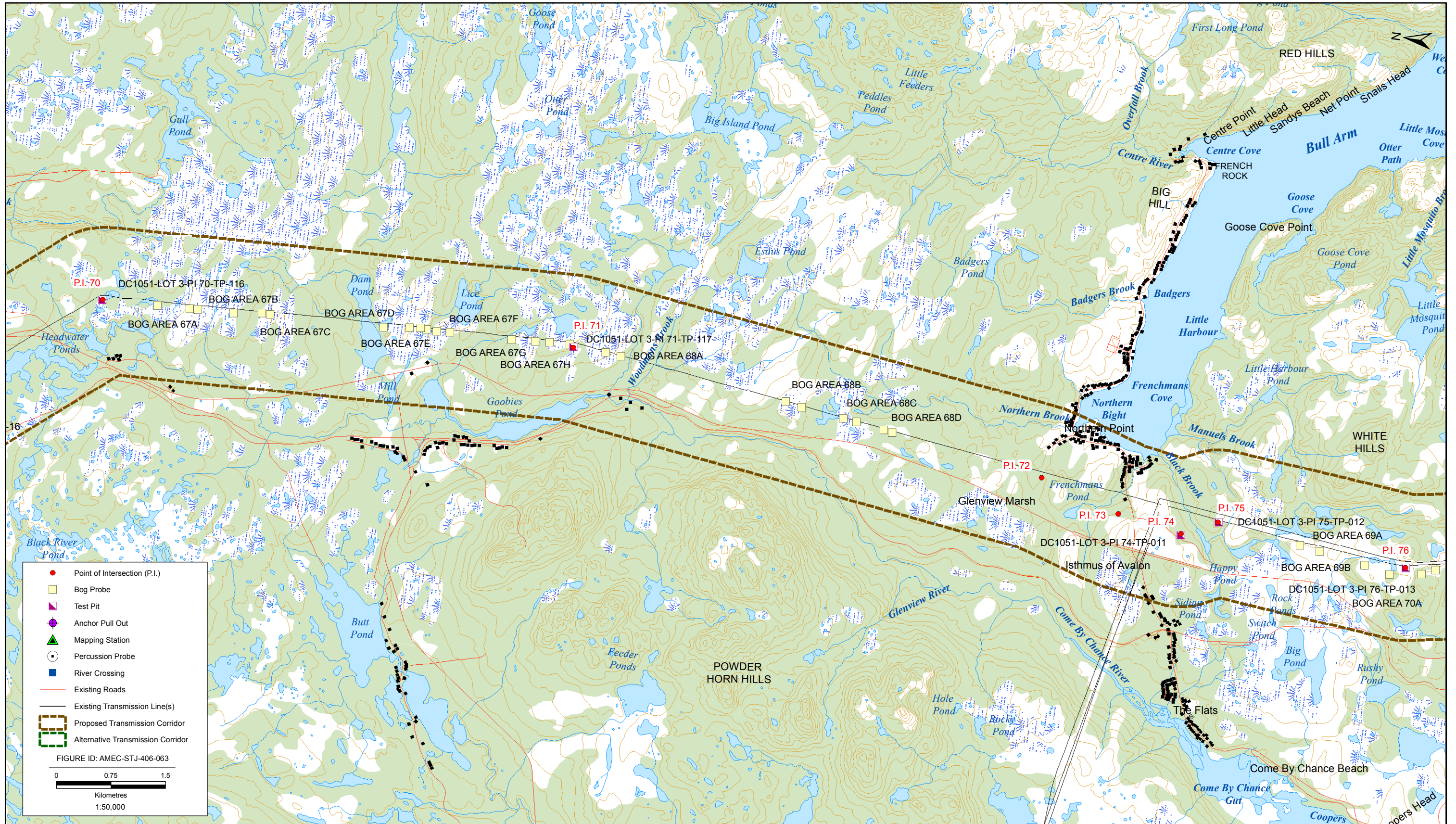


FIGURE DC 1051 - A1.5.63

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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FIGURE DC 1051 - A1.5.64

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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FIGURE DC 1051 - A1.5.65

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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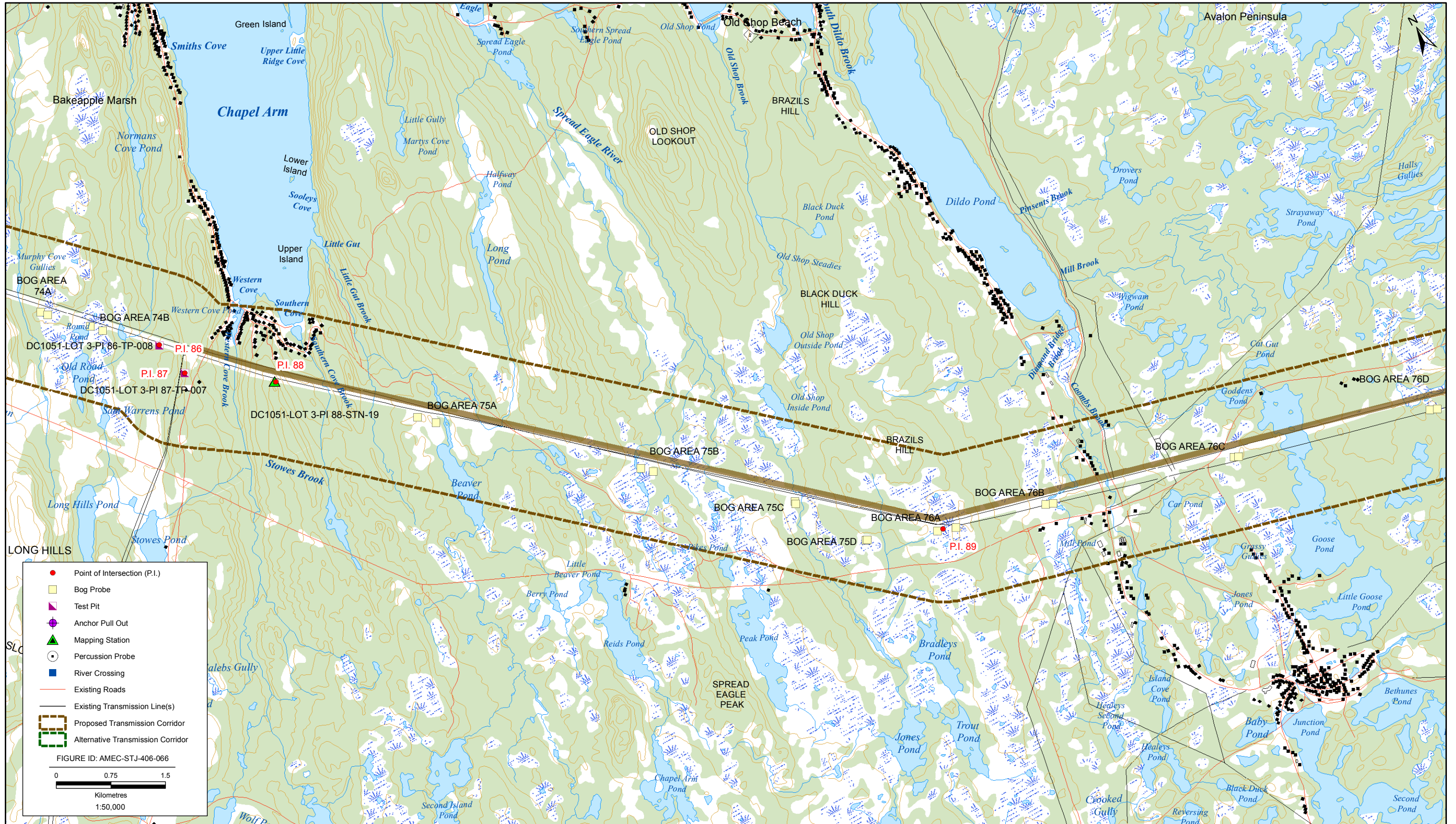


FIGURE DC 1051 - A1.5.66





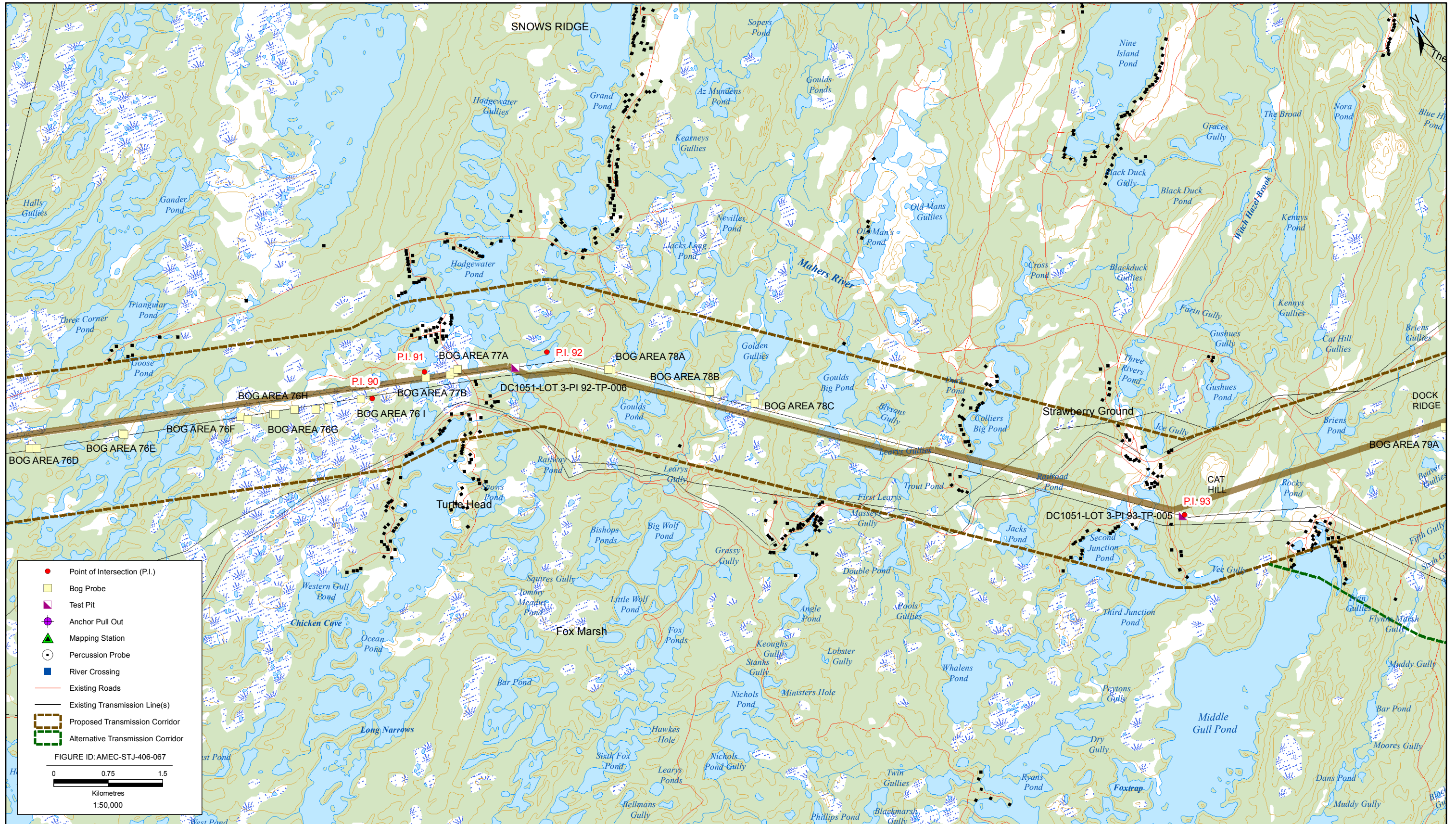


FIGURE DC 1051 - A1.5.67

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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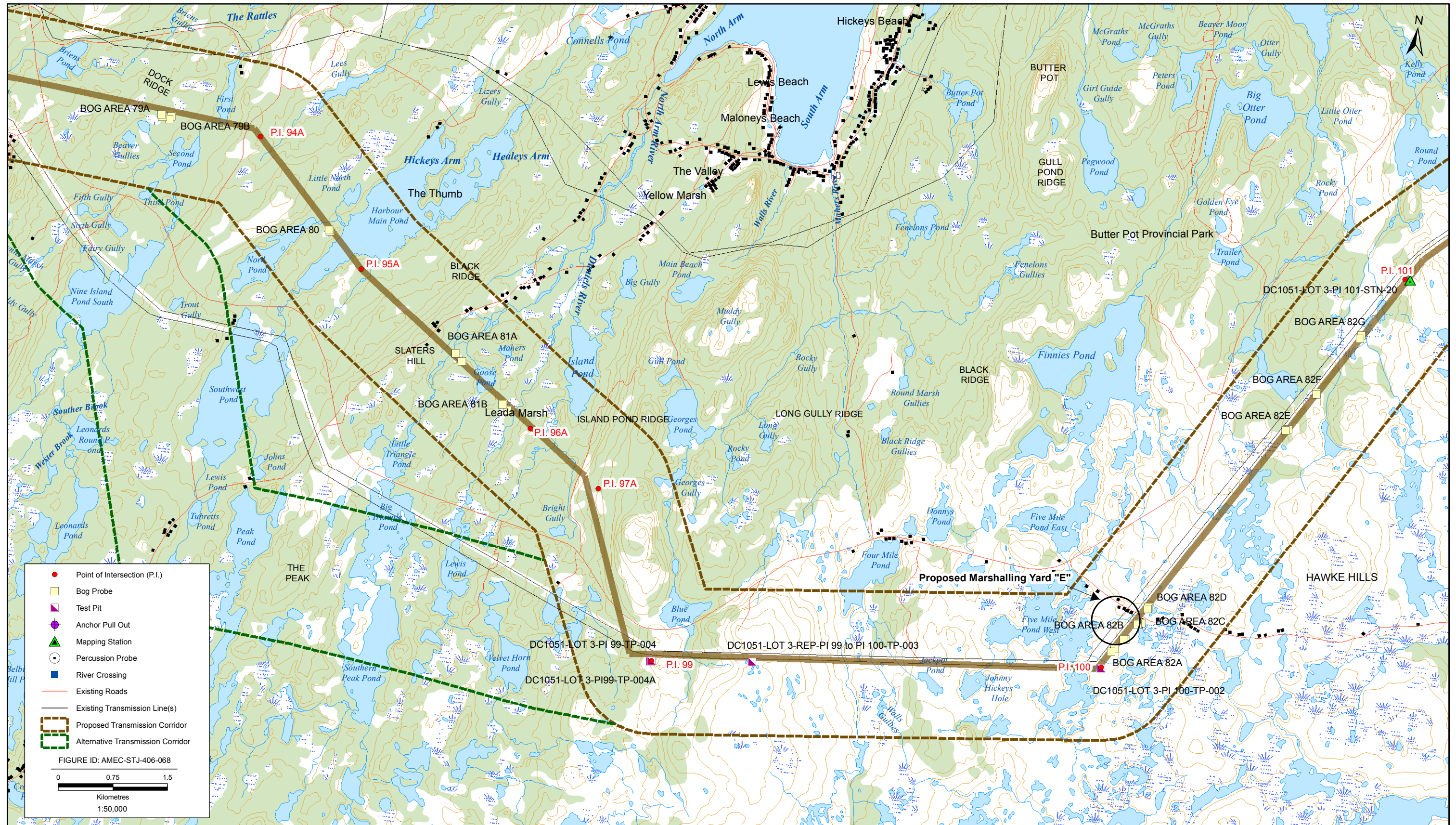


FIGURE DC 1051 - A1.5.68

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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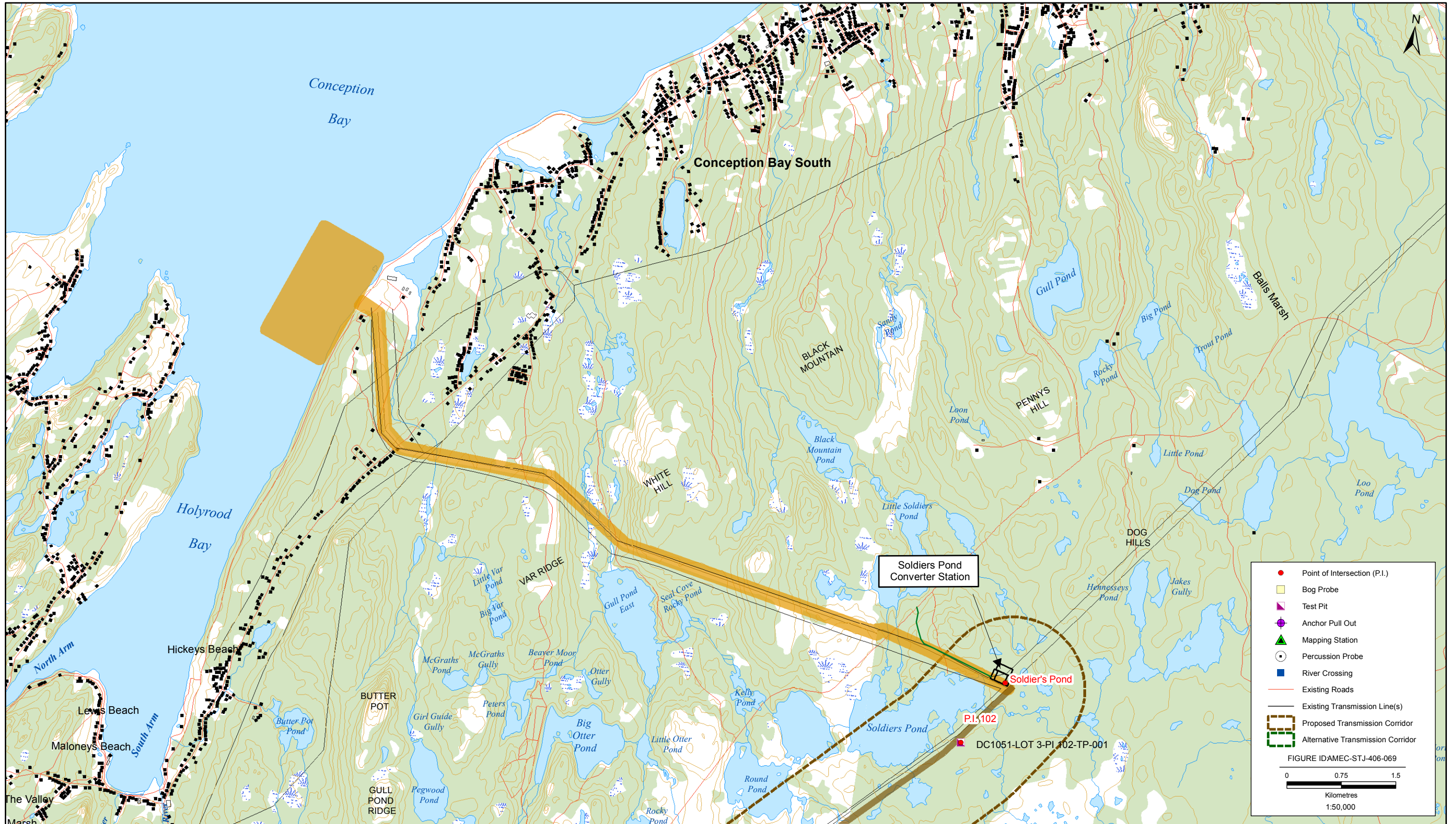


FIGURE DC 1051 - A1.5.69

LOWER CHURCHILL PROJECT - DC 1051 HVdc TRANSMISSION LINE  
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