












ANNEXE A

Figures 3-1 à 3-4

COMPOSANTES DU PROJET / PROJECT COMPONENTS

- Zone d'étude régionale (ZER)  Regional assessment area (RAA)
- Station de comptage au point de livraison  Delivery meter station
- Tracé  Route
- Station de pompage  Pump station
- Chemin d'accès à la station de pompage  Access road to pump station

REPÈRES GÉOGRAPHIQUES / GEOGRAPHICAL LANDMARKS

- Frontière  Boundary
- Autoroute  Highway
- Route nationale  National road
- Établissement amérindien  Indian reserve or settlement
- Aéroport international  International airport
- Municipalité  Municipality

GÉOLOGIE / GEOLOGY

PROVINCE DE GRENVILLE / GRENVILLE PROVINCE

PALÉOPROTÉROZOÏQUE ET MÉSOPROTÉROZOÏQUE / PALEOPROTEROZOIC AND MESOPROTEROZOIC













- Granitoïdes à orthopyroxène : charnockite, mangerite, jotunite et syénite à hypersthène  Orthopyroxene-bearing granitoids: charnockite, mangerite, jotunite and hypersthene syenite
- Migmatite  Migmatite
- Gneiss tonalitique et trondhémitique; présence commune de tonalite  Tonalitic and trondhemitic gneiss; common presence of tonalite
- Gneiss non subdivisés  Unsubdivided gneiss
- Anorthosite, leucogabbro, leuconorite, leucotroctolite et nelsonite  Anorthosite, leucogabbro, leuconorite, leucotroctolite and nelsonite

PLATE-FORME DU SAINT-LAURENT / ST. LAWRENCE PLATFORM

MÉSOZOÏQUE / MESOZOIC










- Roches intrusives alcalines intermédiaires à ultramafiques, brèches de diatrème associées et cornéennes  Intermediate to ultramafic alkaline intrusive rocks, associated diatreme breccias and hornfels




PALÉOZOÏQUE / PALEOZOIC

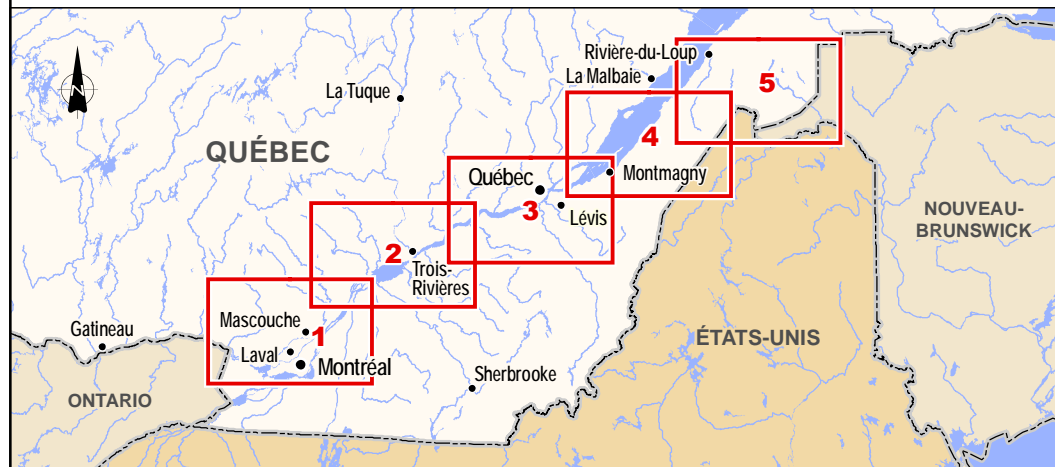
- Shale gris, grès, siltstone et calcaire  Grey shale, sandstone, siltstone and limestone
- Mudrock, ardoise, dolomie et grès  Mudrock, slate, dolostone and sandstone
- Shale noir calcaireux et calcaire  Calcareous black shale and limestone
- Calcaire, shale, dolomie et grès  Limestone, shale, dolostone and sandstone
- Dolomie, grès, calcaire et shale  Dolostone, sandstone, limestone and shale
- Grès dolomitique, grès quartzitique et dolomie  Dolomitic sandstone, quartzitic sandstone and dolostone
- Grès quartzitique, grès feldspathique et conglomérat  Quartzitic sandstone, feldspathic sandstone and conglomerate

PROVINCE DES APPALACHES / APPALACHIAN PROVINCE

PALÉOZOÏQUE / PALEOZOIC

- Mudrock, grès, calcaire et conglomérat (*Gps de Saint-Francis et de Fortin*)  Mudrock, sandstone, limestone and conglomerate (*Saint-Francis and Fortin Gps*)
- Mudrock, grès, calcaire et conglomérat (*Gp. de Chaleurs*)  Mudrock, sandstone, limestone and conglomerate (*Chaleurs Gp*)
- Mudstone, grès, calcaire et conglomérat  Mudstone, sandstone, limestone and conglomerate
- Schiste à blocs  Schist with blocks
- Grès, wacke, mudrock et calcaire  Sandstone, wacke, mudrock and limestone
- Mudrock, grès, conglomérat et calcaire  Mudrock, sandstone, conglomerate and limestone
- Mudrock, conglomérat, grès et calcaire  Mudrock, conglomerate, sandstone and limestone
- Grès quartzitique, mudrock, ardoise, conglomérat et calcaire  Quartzitic sandstone, mudrock, slate, conglomerate and limestone
- Mudrock, ardoise verte et rouge, grès et calcaire  Mudrock, green and red slate, sandstone and limestone

- Discordance  Unconformity
- Faïlle de chevauchement  Thrust fault
- Faïlle de type indéterminé  Undefined fault



Plan de localisation / Location Map

SOURCES / REFERENCES

- RNCan (BNDT 250k, hydrographie) 2010.
- MRN (BDGA 1M, réseau routier) 2010.
- MRN (BDGA 1M, découpages administratifs) 2012.
- MRN (BDGA 1M, pôles d'occupation) 2010.
- RNCan (BNDT 50k et 250k, pôles d'occupation) 2010.
- MRN (Carte géologique du Québec 2M, géologie) 2012.

**OLÉODUC ÉNERGIE EST
ENERGY EAST PIPELINE**

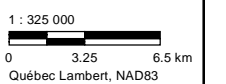


Figure 3-1

**Géologie
Geology**

Cartographie / Cartography:
Chargé de projet / Project Manager:
Date : 2015-08-26

Anne-Marie Marquis
Claude Veilleux, ing. & agr.
Dossier : 3390-141



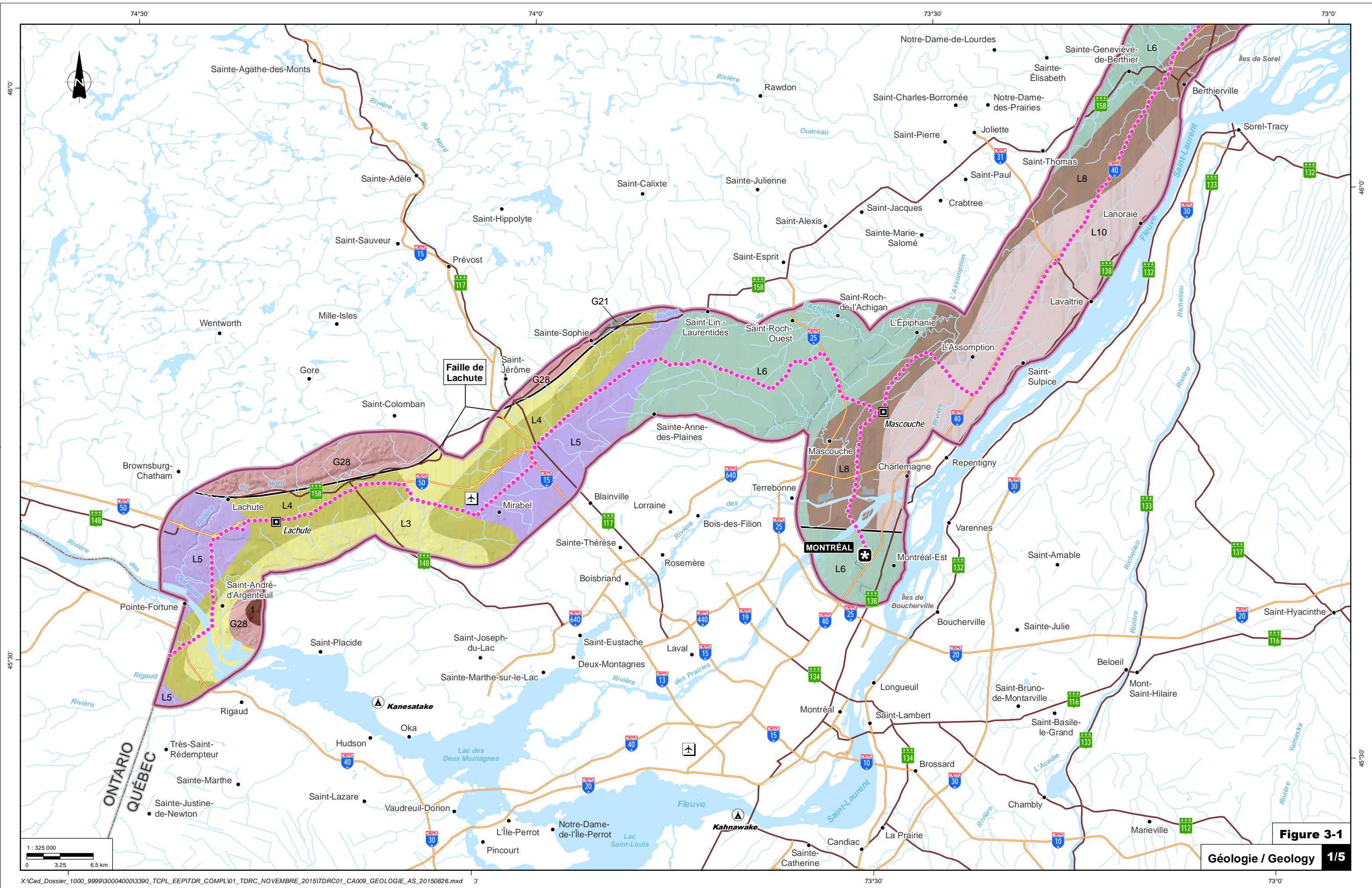


Figure 3-1

Géologie / Geology 1/5

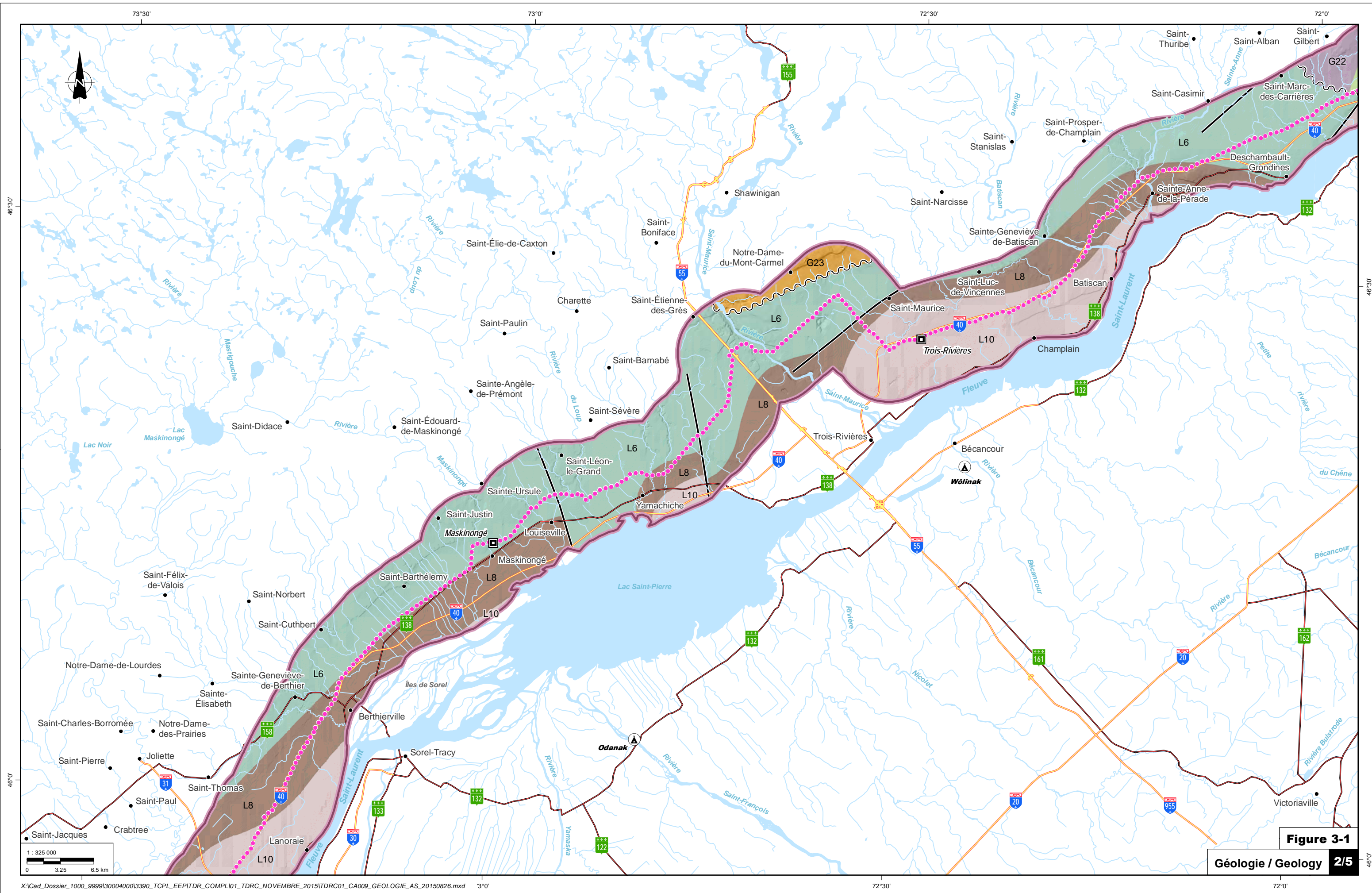


Figure 3-1

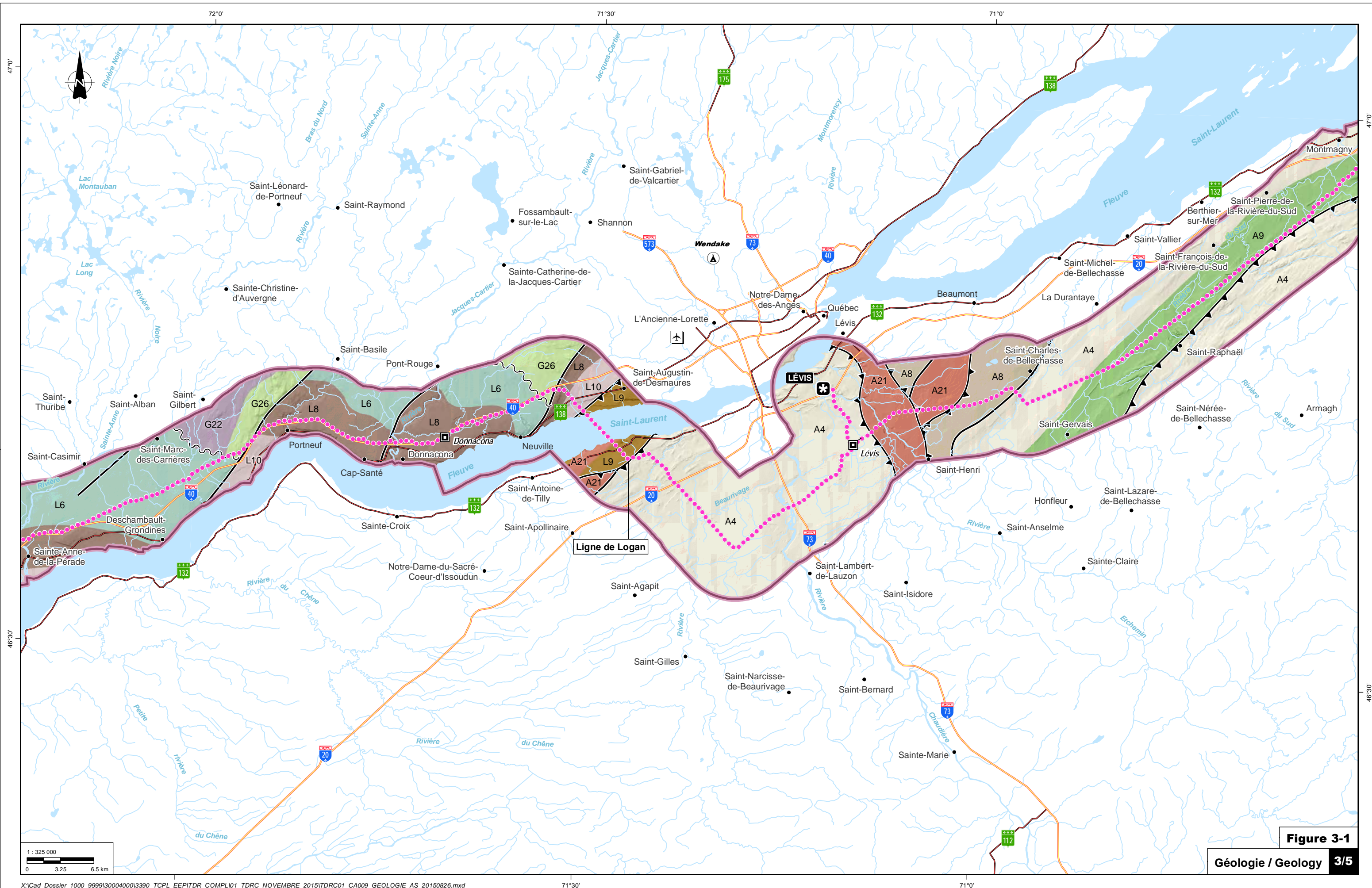


Figure 3-1

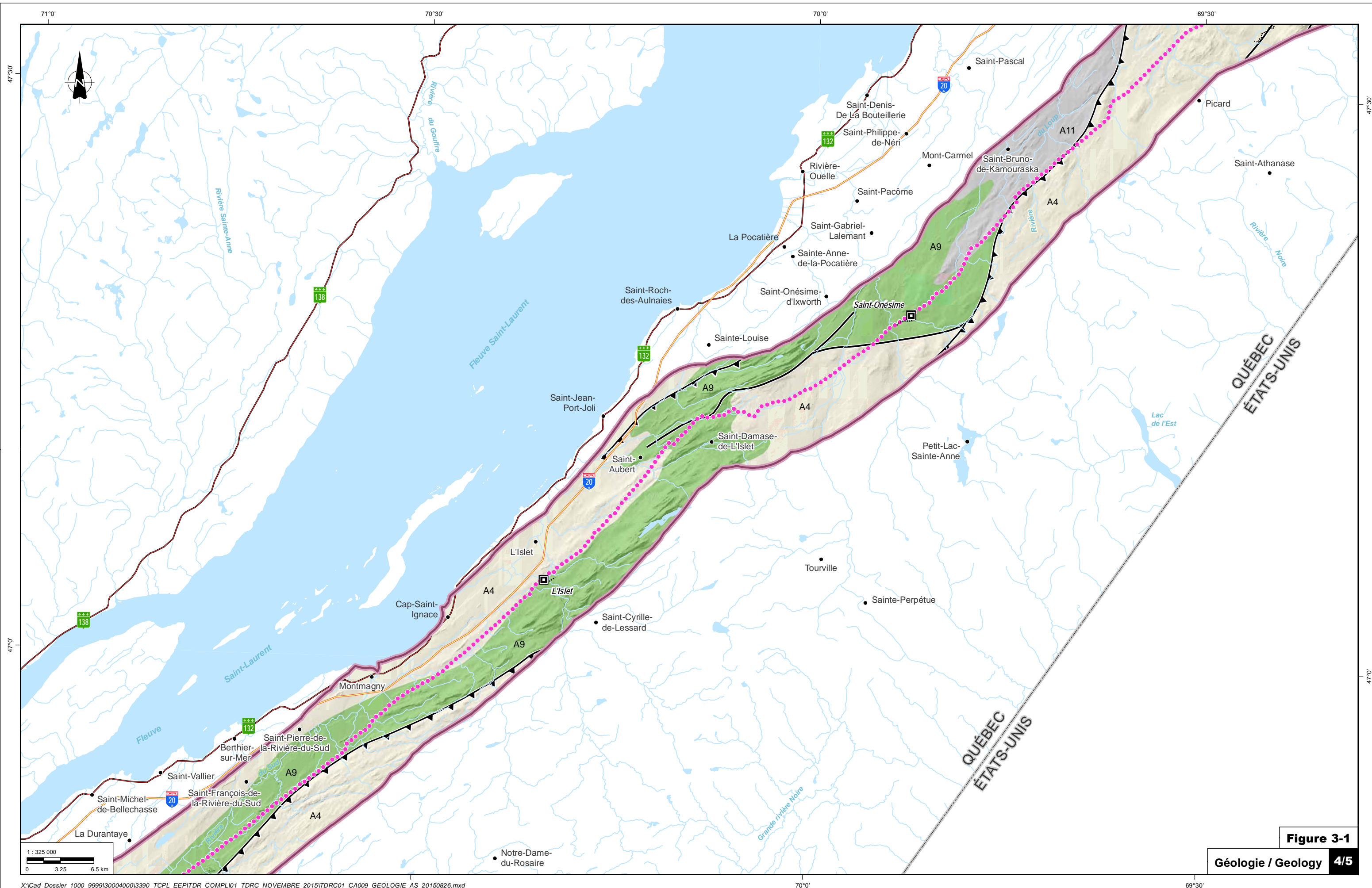


Figure 3-1
Géologie / Geology 4/5

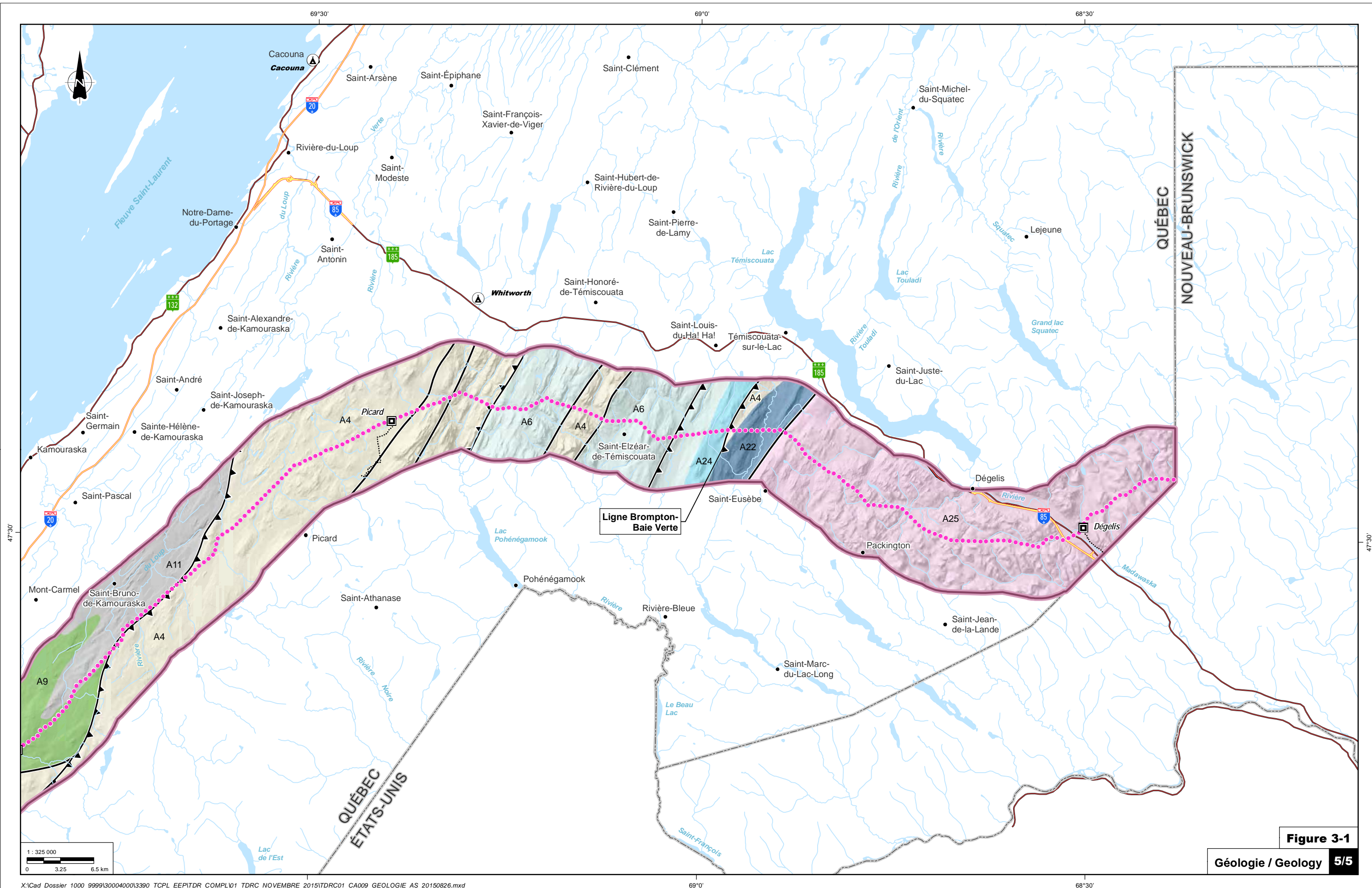


Figure 3-1

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