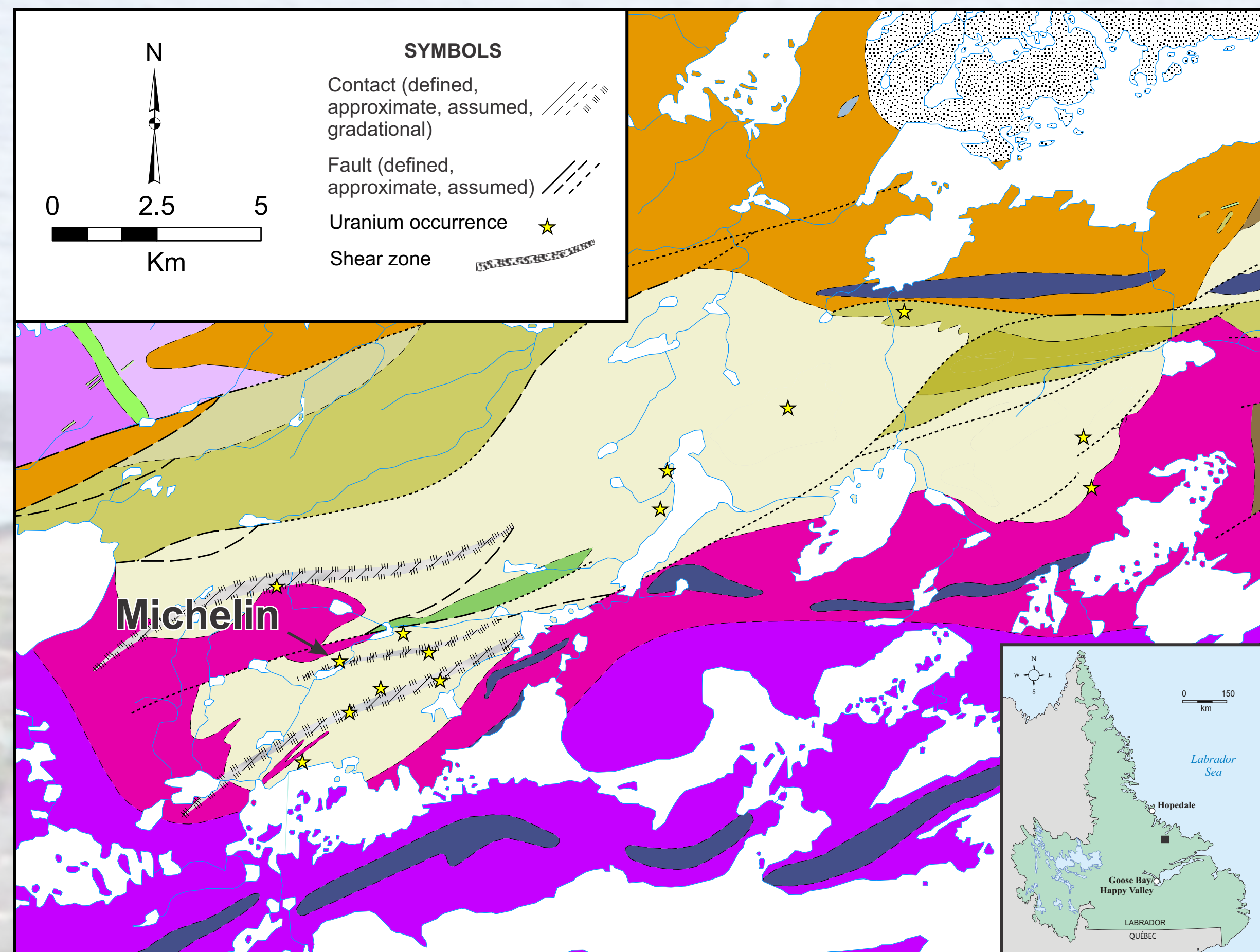


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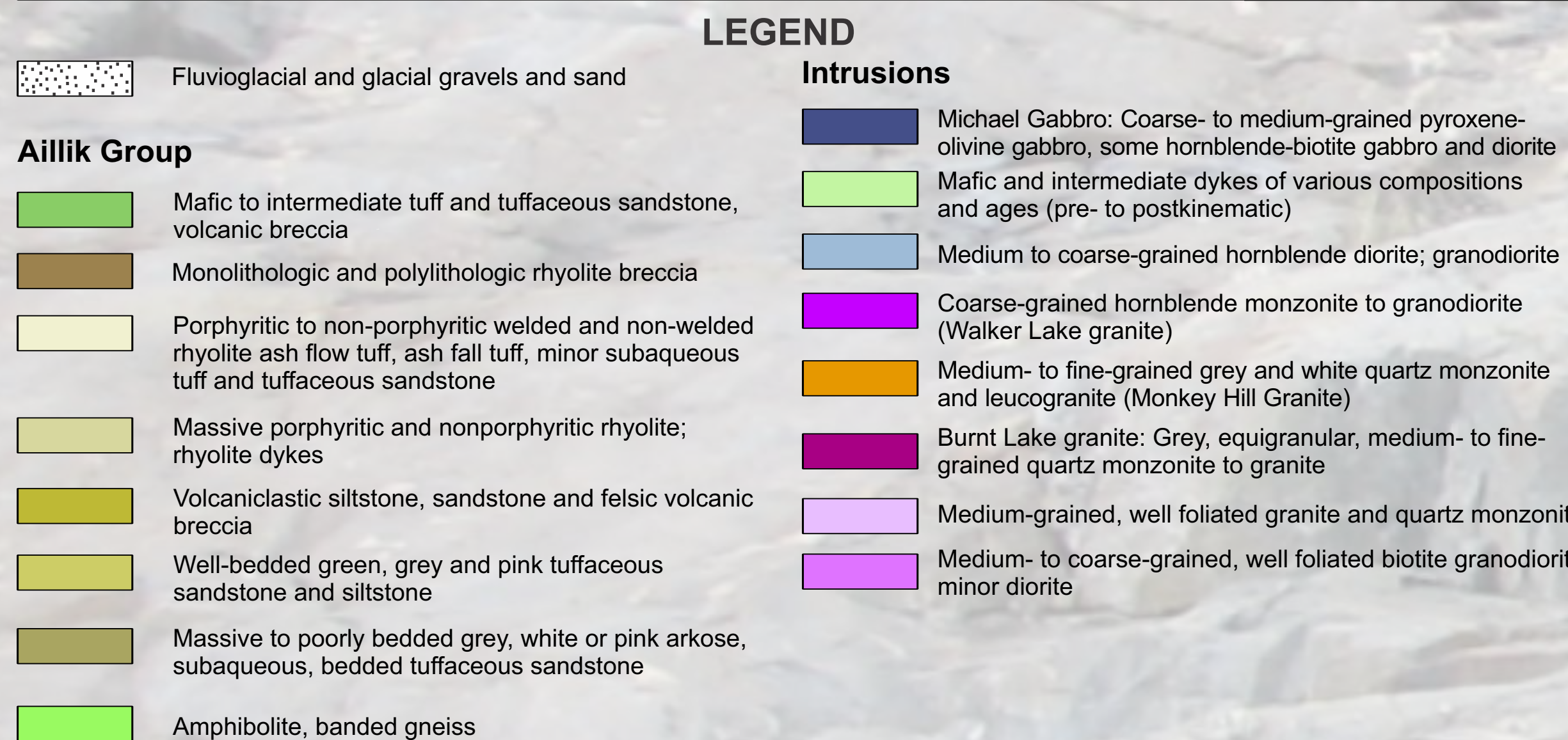
Studies within the Central Mineral Belt of Labrador

Work related to this project in 2016 primarily focused on finalizing a regional report on uranium mineralization in the Central Mineral Belt (CMB); in addition, geochemical data generated during the multi-year project is being prepared for an Open File release. The report summarizes the current interpretations regarding the nature and timing for the various styles of uranium mineralization developed throughout the region, and provides a comprehensive summary of the main occurrences within the CMB. On-going deposit level studies, such as that being conducted on the Michelin deposit, continue to produce new information. Here, mapping conducted in 2015 focused on providing a better understanding of the timing and areal distribution of the alteration related to the development of uranium mineralization. Results will form the basis of a report in *Current Research 2017*.



The Michelin deposit represents the most significant example of albitite-hosted uranium mineralization within the Central Mineral Belt. In other districts elsewhere in the world, such deposits are typically developed in regional-scale structures, which can be traced for several tens of kilometres. These structures usually have an overriding control on the development of uranium mineralization and the related alteration. However, the recognition of such structures within the area of the Michelin deposit is complicated due to poor outcrop exposure and post-mineral deformation.

Ongoing geochronological studies at Michelin aim to further constrain the timing of uranium mineralization and the associated alteration by targeting key stratigraphic units within the deposit. These data, coupled with outcrop sampling in the area of the deposit will allow for a better temporal and spatial understanding of the mineralizing system.



Regional geology and select uranium occurrences within the immediate area of the Michelin deposit.



Intensely altered felsic metavolcanic rock of the Aillik Group, ca. 2 km from the Michelin deposit.



Sheared mafic dyke intruding felsic metavolcanic rocks of the Aillik Group.



Magnetite-bearing breccia veins developed perpendicular to the direction of the main penetrative fabric.