

# **Structural Deformation and Karst in the Devonian Waterways Formation: Examples from Outcrops along the Athabasca River**

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## **Abstract**

Structural deformation and karst are frequent phenomena of Devonian outcrops along the Athabasca River in northeastern Alberta. Folds, joints, and, less so, evidence of movement along fractures are ubiquitous; karst features are less common and often subtle. Evidence of paleokarst includes green clay, breccia, and sandstone fill, often in fractures, and less commonly, caves and solution-enlarged joints.